

FEDERAL REPUBLIC OF NIGERIA

Federal Ministry of Environment



NIGERIA EROSION AND WATERSHED MANAGEMENT PROJECT (NEWMAP - P124905)

FEDERAL PROJECT MANAGEMENT UNIT (FPMU)

NEWMAP FY20 2ND QUARTER PROGRESS REPORT

SCCF



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List of Acronyms:

- **ARAP** Abbreviated Resettlement Action Plan
- **AF** Additional Financing
- **AFEWS** Automated Flood Early Warning Systems
- **CQS** Consultant Qualification Selection
- **EA** Environmental Assessment
- **EIA** Environmental Impact Assessment
- **ESIA** Environmental & Social Impact Assessment
- **ESMF** Environmental & Social Management Framework
- **ESMP** Environmental & Social Management Plan
- **DCC** Department of Climate Change
- **DNA** Designated National Authority
- **FA** Financing Agreement
- **FCT** Federal Capital Territory
- **FEC** Federal Executive Council
- **FME** Federal Ministry of Environment
- **FPMU** Federal Project Management Unit
- **FSC** Federal Steering Committee
- **FQCEDF** Federal Quality Control & Engineering Design Firm
- **FONGO** Focal Non- Governmental Organization
- **GEF** Global Environmental Facilities
- **GIS** Geographical Information System
- **GBV** Gender-Based Violence
- **GRASS** Gully Rapid Action and Slope Stabilization
- **IC** Individual Consultant
- **ICB** International Competitive Bidding
- **IDA** International Development Association
- **ISRO** Indian Space Research Organization
- **LNA** Livelihood Needs Assessment
- **LGA** Local Government Area
- **MDAs** Ministries, Departments & Agencies
- **M&E** Monitoring & Evaluation
- **NAMA's** National Appropriate Mitigation Actions
- **NASRDA** National Space Research and Development Agency
- **NCB** National Competitive Bidding
- **NEC** National Executive Council
- **NGO** Non-Governmental Organization

- **NS** National Shopping
- **PDO** Project Development Objective
- **PAD** Project Appraisal Document
- **PIM** Project Implementation Manual
- **PMU** Project Management Unit
- **QCBS** Quality Cost Based Selection
- **RAP** Resettlement Action Plan
- **RETC** Revised Estimated Total Cost
- **RFP** Request for Proposal
- **SA** Subsidiary Agreement
- **SCCF** Special Climate Change Trust Fund
- **SPMU** State Project Management Unit
- **SS** Sole Selection
- **SSC** State Steering Committee
- **SSKE** South-South Knowledge Exchange
- **TOR** Terms of Reference
- **UNFCCC** United Nations Framework Convention on Climate Change
- **UNGO** Umbrella Non-Governmental Organization

Executive Summary

The Nigeria Erosion and Watershed Management Project has upgraded from being a 7 State Project to having 23 States. Even as the Project is rounding up, other States are still expressing interest to join the Project. This demonstrates the impact NEWMAP has provided to the lives of people mostly affected by erosion and land degradation. One of the key strategies that have worked for NEWMAP is the integration of community members right from planning stages to implementation, this can be evidenced when developing Community Action Plans needed to form Community Interest Groups, where community stakeholders are extensively involved.

This progress report covers from January to March 2020 where the Project Development Objective is continually being achieved, with specific interest to achieving indicators in the Result Framework, as well as other activities and tasks; for better outcomes, impact and sustainability.

Component 1: Erosion and Watershed Management Infrastructure Investments

Livelihood options provided to communities as well as compensation provided to Project Affected Persons are means to improving standards of living. The presence of Community Associations within communities is proving to be a means of sustainability in the sites, Chairmen and Chairpersons of these Associations have demonstrated full commitment towards the upkeep of investment made by NEWMAP. The total number of beneficiaries from livelihood enhancement activities stand at 13,206 (4,148 male and 9,058 female beneficiaries); this number is a combination of beneficiaries of CIG implementation and beneficiaries of clean cook stoves. As a result, these activities have been implemented across 12,417 households and is an increase from 9,318 as it used to be reported. The increase is due to the Data Validation Mission conducted to States where beneficiaries of clean cook stoves were identified and added to beneficiaries of CIG implementation.

Civil works and bio-remediation have progressed in States where the devastation of gully erosion is being reversed. Works continue in Ebonyi where Ebia River, Odukwe and Iyiokwu sites continue to receive maximum attention. In Anambra, Nnewichi site is good reflection of NEWMAP's capability where massive civil works is ongoing with various bio-remediation activities. In Abia, Umuezukwu, Umuagu Ibeku/Umuda and Umuogele/Umuakwu have been completed and handed over to the State Government. Within these sites, roads have been constructed while saving lives, in line with the NEWMAP objective. Similarly, work is ongoing in new sites in Anambra, Delta Kogi and Enugu States. In the Northern zone, afforestation activities continue in Kano, Katsina and Gombe States as the States to address deforestation which is prevalent in the North. Total area reclaimed increased from 1,722 to 2,222 due to the good use of GIS for measurement, as well as further tree planting in Katsina, Kano and Sokoto States.

A total of 4,359 PAPs have been compensated across the first 7 States, Kogi, Delta and Akwa Ibom States. This figure is disaggregated into 2,878 male and 1,466 female (there are additional 15 organizations compensated in Ebonyi State which made up the total PAPs paid). Compensations were majorly done in Iyiokwu site in Ebonyi State, Enugu Ngwo in Enugu State, Adumu and Agassa sites in Kogi as well as Midoma in Delta State. Beneficiaries have used funds to upgrade standard of living.

Component 2: Erosion and Watershed Management Institutions and Information Services

There is further installation of stations providing data for integrated planning with respect to the 4 underground monitoring boreholes installed across Enugu, Ebonyi, Imo and Cross river States to compliment the 71 earlier installed, bringing to a total of 75 stations. This shows the continued support to the Federal Ministry of Water resources that the Project has invested in. However, it is important to state that synergy with the Federal Ministry of Works is still lacking; this takes a great toll in finalizing the policy for the way roads and drainages are constructed. This is the same case with regards to the Policy on Erosion control which has not yet been finalized with the Federal Ministry of Environment.

SPMUs have collaborated with State MDAs to disseminate NEWMAP practices and techniques, this is aimed at institutional strengthening for better impact and sustainability. This means that knowledge and capacities of MDAs have been enhanced, in addition to community collaboration. The MDAs need to be prepared to sustain NEWMAP preparations when the Project has ended. It is in this light that all States have been advised to conduct respective workshops bringing together State MDAs and LGA representatives; community stakeholders to deepen and entrench NEWMAP techniques and practices. On the other hand, SPMUs have gone further to set up conservation clubs in secondary schools as a way of “Catch Them Young”, towards entrenching NEWMAP practices for environmental sustainability. In Enugu, there is good success in these conservation clubs such that the schools inculcate the practice of soil conservation, waste management and proper hygiene. This is similar in Cross River, Akwa Ibom, Anambra and other States as well. It is recommended that these clubs should be sustained and further replicated in other States.

The Project has developed the Onitsha Storm Water Master Plan in Anambra State to better manage floods and gully formation, the plan has been disseminated to key agencies in the State. In the same vein, the Abakaliki Stormwater master Plan has been developed and approved, this is good news towards reducing run-off in vulnerable cities. To further manage rainwater and preserve same for domestic use, water harvesting has been implemented in Cross River State. Catchment Management Plans is a core component of erosion control and soil conservation. There is increase in the development of these CMPs, 31 currently developed across States as against 21 previously reported.

Component 3: Climate Change Response

NEWMAP continue with efforts towards reducing carbon emission and helping Nigeria achieve its commitment of Nationally Determined Contributions, this is exhibited through the approval to implement additional carbon demonstration projects across States. This is also aimed at job creation for the target communities.

Issuance of the 1st and 2nd Green Bonds are providing means of sustainable financing especially with the diminishing value of the oil sector. On this, NEWMAP has provided expert support and guidance to the Green Bond Advisory Council, which is organ providing advisory support to the Green Bonds. The issuances have led to the actualization of green Projects across the country especially with reference to the Energizing Education Project where Universities are provided with solar electrification, leading to better atmosphere for studying. In turn, other communities are reaping the impact of the solar electrification. This is aside other afforestation Projects implemented through the 1st and 2nd issuance where trees have been planted to reduce emissions, as well as means of job creation.

Meetings have been held with the green Bond Advisory Group towards the 3rd issuance while learning on the 1st and 2nd issuance. The activity to develop a Climate Smart Agricultural Guideline is at procurement stage, the guideline when developed will transform agricultural systems in the Country for optimal yields. Similarly, a No Objection has been granted by the Bank to produce a Guidance Manual for Climate Change Response Agenda that will provide a clear implementation guideline for “NEWMAP Climate Change Support Agenda for Nigeria”.

The distribution of cook stoves has greatly helped to reduce carbon emissions and provided better livelihood to beneficiaries through reduced health risks and reduction in expenses on firewood. A total of 8,057 stoves have been distributed.

Component 4: Project Management

Project disbursements have continued, reaching USD721,187,682.80, and is a reflection of 81.94% disbursed; USD98,884,254.20 as undisbursed. Funds are used to complete critical and priority activities to improve impact and sustainability as the Project gears towards closure. States Governments have proven optimum commitment by releasing counterpart funds to respective States. Releases now at N13,626,293,496 which is a N1.3B increase (N500M from Oyo, N200M from Niger, N400M from Abia and 200M released by Anambra) from N12,326,293,496 earlier reported in November 2019. Counterpart funding is still a major concern at the Federal level.

The FPMU is improving coordination and implementation support to States and is demonstrated through follow-up to Imo, Anambra and Ebonyi to resolve safeguard issues. The FPMU is also keen on achieving pending indicators in the result Framework and this is done through constant engagement and checks to the States; this include achieving Federal level indicators. Efforts are in line to adequately complete and achieve the critical agreed actions derived from previous Missions.

In view of putting in place a Spatial Management System in collaboration with the National Space Research and Development Agency (NASRDA) and Indian Space Research Organization (ISRO), this collaboration has stalled for quite some time, and the Project need to take a quick and firm action on this, as this affects a critical indicator in the Result Framework.

Responding to the unfortunate fatalities of 2019 in Anambra and Ebonyi, States have stepped up to avert risks and hazards by complying with safeguards guidelines outlined by the Bank. Although this needs to be improved, States like Anambra, Abia, Delta, Ebonyi, have shown good commitment while others are at average levels; this is an assessment from the Data Validation visit conducted to 7 States. A total of 98 ESMPs have been prepared, out of which 74 have been disclosed, 11 cleared by the Bank but yet to be disclosed, 6 under review by Bank, and 7 under review by FPMU. Regarding grievances, 572 incidences have been reported, 457 have been resolved while 115 are unresolved.

The Management Information System which was earlier dormant is now functional due to discussions between the Bank, Client and Developer; efforts are underway to upgrade the System, integrate with the Geo-Database, and importantly to create a backup and migrate the System to the federal Ministry of Environment for sustainability. The inconsistency of data relating to household and others is being resolved through the Data Validation Mission to States; there is renewed drive to provide evidence-based data and adequate information. The use of GIS/Disruptive Technology in the Project is yielding good results in the measurement of engineering works, RAP implementation including other safeguards aspects. This is due to the expertise of GIS Officers available in the Project.

The Project is also concluding moves to declare the University of Lagos, Federal University of Technology Owerri and National Space Research Development Agency (NASRDA) as National Centres of Excellence providing innovative knowledge and skills across the Africa Region. This is a means of ensuring sustainability of the Project. Aside the fact that Enugu has established the Erosion and Watershed Agency in the State, Anambra is following in the right direction such that the House of Assembly has passed the Bill to establish the State Agency, State Governor to assent signature. There is need for other States to follow suit in this feat. States like Katsina has also set up a committee to establish its own Agency.

Introduction/Background

The Nigeria Erosion and Watershed Management Project (NEWMAP) is designed to achieve environmental sustainability through various activities. The Project Development Objective is to reduce vulnerability to soil erosion in targeted sub-watersheds. The Federal Ministry of Environment (FME) is the lead implementing agency for NEWMAP in collaboration with Federal and State Ministries, Departments and Agencies (MDAs), Local Governments, communities, and Civil Society Organizations. NEWMAP is a 9-year multi-sectoral and multi-scale Project which initially targeted seven States with acute gully erosion (Abia, Anambra, Cross River, Ebonyi, Edo, Enugu and Imo), while laying the foundation for scaling out to other States (Gombe, Oyo, Delta, Akwa Ibom, Sokoto, Plateau, Kano, Kogi, Borno, Niger, Katsina and Nasarawa). The Project has boarded Ondo, Kaduna, Ogun and Ekiti as participating States. The Project intervenes in 4 components namely: Erosion and Watershed Management Infrastructure Investments, Erosion and Watershed Management Institutions and Information Services, Climate Change Response and Project Management.

The Project focuses on improving livelihoods in States through rehabilitation of gullies and provision of grants to members of communities. All the participating States are receiving technical assistance in various forms. The Project has supported State-led investments to enhance resilience to soil erosion through replicable models from priority Southern gully sites and getting Northern States and their interventions ready, while raising capacities to promote long-term climate resilience and low carbon development. NEWMAP is using an integrated watershed management approach to erosion that is informed by lessons learnt on the interlinked challenges of poverty, ecosystem services, climate change, disaster risk management, biodiversity, institutional performance and governance. GEF and SCCF support is fully blended with IDA resources to fund locally driven planning and replicable, innovative investment actions for protective tree cover and biodiversity, urban storm-water management, and water harvesting.

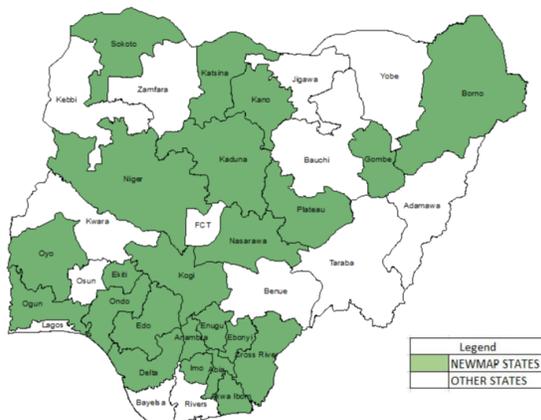
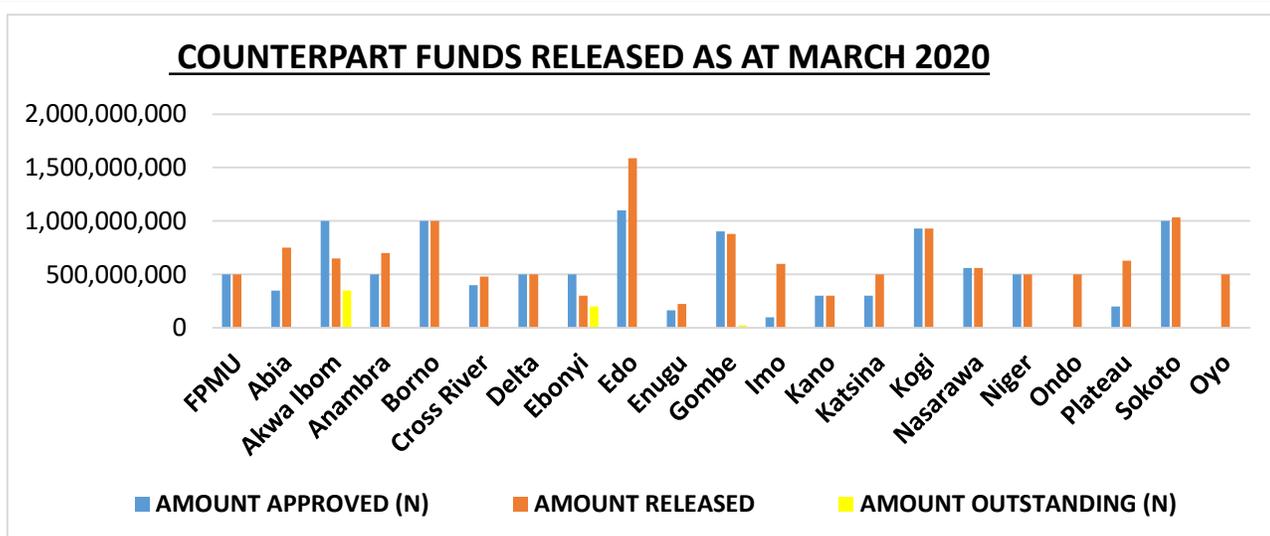


Figure 1: NEWMAP Participating States

Table 1: Status of Counterpart Funds

S/N	PMU	AMOUNT APPROVED (N)	AMOUNT RELEASED AS AT NOVEMBER 2019 (N)	AMOUNT RELEASED AS AT MARCH 2020 (N)	VARIANCE-NOVEMBER 2019 AND MARCH 2020	AMOUNT OUTSTANDING
1	FPMU	500,000,000	500,000,000	500,000,000	0	0
2	Abia	350,000,000	350,000,000	750,000,000	400,000,000	0
3	Akwa Ibom	1,000,000,000	650,000,000	650,000,000	0	350,000,000
4	Anambra	500,000,000	500,000,000	700,000,000	200,000,000	0
5	Borno	1,000,000,000	1,000,000,000	1,000,000,000	0	0
6	Cross River	400,000,000	480,000,000	480,000,000	0	0
7	Delta	500,000,000	500,000,000	500,000,000	0	0
8	Ebonyi	500,000,000	300,000,000	300,000,000	0	200,000,000
9	Edo	1,100,000,000	1,587,293,496	1,587,293,496	0	0
10	Enugu	165,000,000	225,000,000	225,000,000	0	0
11	Gombe	903,260,533.37	880,000,000	880,000,000	0	23,260,533
12	Imo	100,000,000	600,000,000	600,000,000	0	0
13	Kano	300,000,000	300,000,000	300,000,000	0	0
14	Katsina	300,000,000	500,000,000	500,000,000	0	0
15	Kogi	930,000,000	930,000,000	930,000,000	0	0
16	Nasarawa	561,000,000	561,000,000	561,000,000	0	0
17	Niger	500,000,000	300,000,000	500,000,000	200,000,000	0
18	Ondo		500,000,000	500,000,000	0	0
19	Plateau	200,000,000	630,000,000	630,000,000	0	0
20	Sokoto	1,000,000,000	1,033,000,000	1,033,000,000	0	0
21	Oyo		0	500,000,000	500,000,000	0
		10,809,260,533	12,326,293,496	13,626,293,496	1,300,000,000	573,260,533



PROGRESS REPORT BY COMPONENTS

Component 1: Erosion and Watershed Management Infrastructure Investments

Sub-Component 1-A: Gully Rapid Action and Slope Stabilization (GRASS)

Activities in the Southern and Northern zones are contributing to achieving the objective of stabilizing gullies as well as addressing climate and other land degradation issues. NEWMAP sites include the foremost 21 sites, and a further 30 sites, bringing to a total of 51 sites where the Project has intervened (completed) or is currently intervening. Out of the overall 51 sites, 20 have been completed out of which 5 have been commissioned and handed over (9th Mile and Ajalli Water Works in Enugu State, including Umuezukwu, Umuagu Ibeku/Umuda and Umougele/Umuakwu sites in Abia States). Table 3 below gives detailed information.

In terms of progress for implementation, work is currently ongoing in 31 sites and are at various stages of completion. There are concerns over completion period of these works as the Project end date approaches, there is a great need to resolve this. Progress for civil works intervention stand at 429 hectares achieved across States, while bio-remediation (including tree planting) achieved 1,434 hectares from States. Adding civil works and bio-remediation, including measurement of setbacks, a total of 2,222 hectares have been reclaimed as compared to 1,722 hectares reported in November 2019. This represent increase of 499 hectares majorly from increment in Ebonyi State (155 hectares from Ebia River, Odunukwe and Iyioukwu international Market) and Edo State (32 hectares from Queen Ede and Ibore sites). The same 499 increment is also as a result of afforestation activities in Kano (increment of 50 hectares), Katsina (increment of 100 hectares) and Sokoto (increment of 20 hectares), Gombe (increment of 10 hectares), as well as ongoing works in sites across Anambra and Enugu States.

Details for total area reclaimed per site is outlined in Table 3 below.

The palliative intervention in Alex Ekwueme Square of Anambra State has been completed, saving a number of assets especially Governments facilities including the Federal High Court and Federal Secretariat, etc. The full-scale intervention is now being awaited as without it, as progress recorded will be heavily compromised. In Amachalla, civil interventions and bio-remediation have been completed, constructing asphalt access roads with storm water collector channels on both sides and saving a number of assets especially private residential structures.

In Ebonyi, works in Ebia River, Iyoukwu International Market is ongoing and reaching completion levels; these sites are meant to serve as channels for water flow especially as flooding is a usual menace in Abakaliki city. When completed, adequate channels will be provided to prevent flooding. In Enugu, work is ongoing at Enugu Ngwo, Agbaja Ngwo and Udi Ozalla. Problems of inadequate workers on site at Umuavulu Abor in Enugu State need to be resolved to fast track construction at the site. In Edo State, works has commenced at Gapiona, Urora and Edo college sites, same as Adumu and Agassa sites in Kogi State. There is good success out of Midoma site in Delta State where erosion had earlier ravaged buildings and threatened lives of people in the area. The site is already being filled and work is going at a good pace.

The Engineering Mission took place in September 2019, where additional works and design modifications were discussed and streamlined, including processes for effective mode of engagement between SPMU, FPMU, State Engineering Firms and World Bank. Sites have been prioritized based

on risk to human life, catchment area, structural defects, and ease of maintenance including proximity
to vital infrastructure.

Table 3: Status of Implementation

STATE	SITE	TOTAL AREA RECLAIMED (Ha) NOVEMBER 2019	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS	VARIANCE OF TOTAL AREA RECLAIMED – NOVEMBER 2019 AND MARCH 2020
ABIA	Amuda Achara	7.3	2.4	4.75	7.15	74	Bio-remediation pending	-0.15
	Amuzukwu	1.54	0.87	5.41	6.28	100	Completed	4.74
	Umuezeukwu	4.67	3.23	1.4	4.63	100	Completed and handed over	-0.04
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU	9	5.5	4.62	10.12	100	Completed and handed over	1.12
	Umuogele/ Umuakwu	3.29	1.17	1.41	2.58	100	Completed and handed over	-0.71
ANAMBRA	Abagana		0.40	0.35	2.38	38	Re-awarded and Ongoing	2.38
	St. Thomas Neros Plaza	17.21		0.98	17.21	100	Completed	0
	Amachalla	13.249		1.0	13.249	100	Completed	0
	Omagba	10.98		0.276	10.98	94	Ongoing	0
	Ekwueme Square/Federal High Court - Palliative	3.48	0.195	0	3.49	100	Palliative works completed	0.01
	Ikenga Ogidi		0.25	0	0.5	55	Ongoing	0.5
	Ugamuma Obosi		0.77	0	17.69	17.71	Ongoing	17.69
	Abidi-Umoji		0.77	0	1.94	68	Ongoing	1.94
	Enugu-Ukwu		0.03	0	0.91	14	Ongoing	0.91

STATE	SITE	TOTAL AREA RECLAIMED (Ha) NOVEMBER 2019	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS	VARIANCE OF TOTAL AREA RECLAIMED – NOVEMBER 2019 AND MARCH 2020
	Nnewi-ichi		0.34	1.67	4.2	38	Ongoing	4.2
	Ojoto		0.37	0	16.1	38	Ongoing	16.1
	Ire-Obosi		0.75	0	8.15	49	Ongoing	8.15
	Nkpor-Flyover		0.86	0	4.58	46.4	Ongoing	4.58
CROSS RIVER	Atakpa	10.8	10.8	9.3	10.8	100	Completed	0
	Edim Otop	4.03	4.03	3.74	4.03	100	Completed	0
	Nyangasang	6.23	6.23	5.67	6.23	100	Completed	0
	Ikot Ekpo	13.52	13.52	12.3	13.52	100	Completed	0
	Ikot Awatim	198.35	198.35	47.7	198.35	100	Completed	0
	Lemna Agric	2.19	2.19	2.19	2.19	100	Completed	0
	Ikot Nkebre	5.3	15.02		15.02	54.29	Ongoing	9.72
EBONYI	NGUZU EDDA	1.27	0.89	0.38	1.27	100	Completed	0
	EBIA RIVER	3.2	4.996	0.27	40.92	55.78	Ongoing	37.72
	ODUNUKWE-NKALIKI-HATCHRY ROAD	1.6	2.73	0.73	82.55	77.66	Ongoing	80.95
	IYIOKWU-ABAKALIKI INTL' MARKET	2.322	4	0.36	38.66	51.95	Ongoing	36.338
ENUGU	9 th Mile Corner	5.98	1.486	4.494	5.980	100	Completed and handed over	0
	Ajalli Water Works	6.387	0.790	5.597	6.387	100	Completed and handed over	0

STATE	SITE	TOTAL AREA RECLAIMED (Ha) NOVEMBER 2019	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS	VARIANCE OF TOTAL AREA RECLAIMED – NOVEMBER 2019 AND MARCH 2020
	Umuavulu Abor		1.42	0.00	1.42	25	Ongoing	1.42
	Udi-Ozalla		8.54	0.00	8.54	59	Ongoing	8.54
	Enugu Ngwo		2.05	0.00	2.05	30	Ongoing	2.05
	Agbaja Ngwo		1.07	0.00	1.07	40	Ongoing	1.07
EDO	Auchi	254.45	63.1	41.1	254.45	100	Completed	0
	Queen Ede	19.733	9.37	2.45	37.48	100	Completed	17.747
	Ekehuan	4.65	4.29	2.15	8.74	100	Completed	4.09
	Ewu	5.95	6.4	4.09	17.95	73	Ongoing	12
	Ibore	11.39	11.94	2.4	26.02	100	Completed	14.63
	Gapiona						Works just commenced	0
	Urora						Works just commenced	0
	Edo College						Works just commenced	0
IMO	Umeshi	2.67	0.38	0	0.38	98	Additional works	-2.29
	Iyuzo-Ihuoma/Ogberuru	5.75	20.24	2	22.4	98	Additional works	16.65
	EzualaObizi	2.45	3.1	0.2	3.3	98	Additional works	0.85
	Urualla	0	14.66	1.8	16.46	20	Ongoing	16.46
AKWA IBOM	Etim Umana	0.4698	0	0	0.4698	4.3	Emergency works completed	0

STATE	SITE	TOTAL AREA RECLAIMED (Ha) NOVEMBER 2019	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS	VARIANCE OF TOTAL AREA RECLAIMED – NOVEMBER 2019 AND MARCH 2020
DELTA	MIDOMA	0					Ongoing	0
KOGI	AGASSA	0	0.28			9	Ongoing	0
	ADUMU	0	0.064			5	Ongoing	0
	RECLAMATION OF FOREST RESERVE IN OKURA	20	0	20	20	100	Tree Planting	0
	OSARA	10	0	10	10	100		0
	OINYIN	10	0	10	10	100		0
PLATEAU	AMNET	25	0	25	25	100	Tree Planting	0
	UNGUWAN ZAM	25	0	25	25	100		0
SOKOTO	Gundumi Forest Reserve I	100	0	100	100	100	Tree Planting	0
	Gundumi Forest Reserve II	100	0	100	100	100		0
	Degraded Land Near Lugu Dam	100	0	100	100	100		0
	Goronyo Town	0	0	15	15	100		15
	Lugu Town	0	0	5	5	100		5
GOMBE	Daban Fulani	10	0	10	10	100	Tree Planting	0
	Dukul	10	0	10	10	100		0
	Poshereng	10	0	10	10	100		0
	Yabde	10	0	10	10	100		0

STATE	SITE	TOTAL AREA RECLAIMED (Ha) NOVEMBER 2019	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS	VARIANCE OF TOTAL AREA RECLAIMED – NOVEMBER 2019 AND MARCH 2020
	Sanganawa	20	0	20	20	100		0
	Laker Shela	10	0	10	10	95		0
	Labekke	10	0	10	10	85		0
	Pokwaka	20	0	20	20	100		0
	Sangaru	10	0	10	10	100		0
	Njalkam	10	0	10	10	75		0
	Barwo Nasarawo	10	0	10	10	60		0
	Bagadaza	20	0	20	20	90		0
	Yarima Shehu	20	0	20	20	80		0
	GSS Nafada	20	0	20	20	80		0
	Lajangra	20	0	20	20	85		0
	Garin Baraya	20	0	20	20	80		0
	Kanawa Forest 1	23	0	23	23	100		0
	Kanawa Forest 2	40	0	40	40	100		0
	Labekke 2	0	0	10	10	95		10
KANO	Yar-titi in Shanono LGA	86		104	104		Tree Planting	18
	Yan Sabo in Tofa LGA	23		26	26			3
	Dawan Kaya in Makoda LGA	164		171	171			7
	Kamanda in Kiru	78		81	81			3

STATE	SITE	TOTAL AREA RECLAIMED (Ha) NOVEMBER 2019	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS	VARIANCE OF TOTAL AREA RECLAIMED – NOVEMBER 2019 AND MARCH 2020
	LGA							
	Rarin in Dawakin Tofa	49		53	53			4
	Planting at Botanical Garden	0		5	5			5
	Roadside Plantation	0		10	10			10
KATSINA	Zango	0		50	50		Tree Planting	50
	Mai'adua	0		50	50			50
		1,722	429	1,434	2,222			499

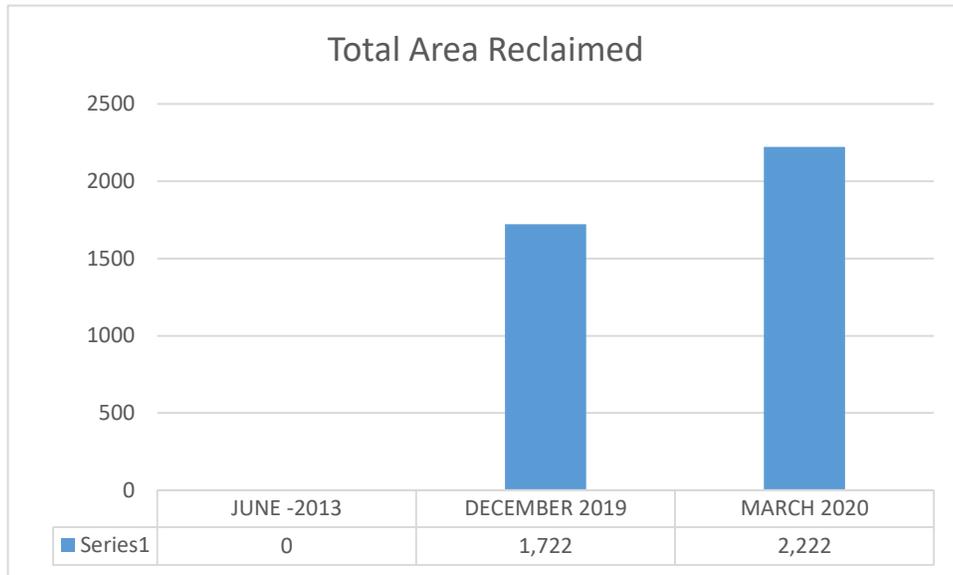
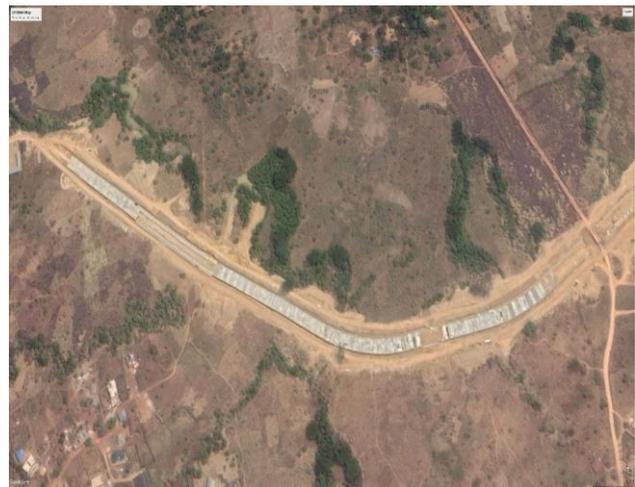


Fig 2: Status of Implementation – Total Area Reclaimed



Ebia Flood Site, Ebonyi State (Before and Ongoing)



Satellite imagery of Ebia Flood Site (Before and Ongoing)



Amuda Achara Site (Before and After)



Nnewichi site, Anambra (Before)

Nnewichi site, Anambra State (Ongoing)



Alex Ekwueme Square Emergency intervention in Anambra State (Before and Ongoing)



Umuezeukwu Gully Erosion Site (Before)



Umuezeukwu Gully Erosion Site (After)

Site intervention in Anambra State Nkpor-Flyover



Erosion Site – Before and Ongoing

Lives and Infrastructure saved:

Before NEWMAP intervention, several families were in danger due to the fact that their houses were situated around the gullies, this include other vital infrastructure. Due to Gully Rapid Action and Slope Stabilization especially across the 1st mover States, 11,060 lives have been saved and they are people who lived in close proximity to the gullies. Number of infrastructure saved from collapse is 6,448 which comprise of residential buildings, 2 ground level tanks in Ajali Water Works, as well as a number of other public infrastructure mostly which were saved Ebonyi due to channelization works ongoing in 3 sites. In addition, a total of 5,750 jobs were created who are mostly labourers, artisans, food vendors across all the sites e.t.c.

STATE	SITE	NUMBER OF LIVES SAVED	NUMBER OF INFRASTRUCTURE SAVED FROM COLLAPSE	NUMBER OF JOBS CREATED
ABIA	Amuda Achara		0	122
	Amuzukwu		0	143
	Umuezeukwu		0	129
	Umuagu/Umuda		10	230
	Umuogele/ Umuakwu		0	136
ANAMBRA	Abagana	338	34	147
	Nero's Plaza/St. Thomas Aquinas	355	29	74
	Amachalla	295	27	62
	Omagba	660	30	60
	Federal High Court/Alex Ekwueme Square	603	25	110
	Ikenga-ogidi	257	51	79
	Ugamuma Obosi	206	39	81
	Abidi-Umoji	142	20	150
	Enugu-Ukwu	75	13	56
	Nnewi-ichi	549	54	246
	Ojoto	178	17	193
	Ire-Obosi	140	16	124
	Nkpor-Flyover	450	63	123
CROSS RIVER	Atakpa	354	59	112
	Edim Otop	1,854	309	85
	Nyangasang	156	26	45
	Ikot Ekpo	600	100	74
	Ikot Awatim	1,944	324	105
	Lemna Agric	234	39	68
EBONYI	NGUZU EDDA	241	7	96
	EBIA RIVER		1,295	274
	ODUNUKWE NKALIKI		2,782	274
	Iyiokwu Abakalilki Intl' Market		519	265
ENUGU	9 th Mile Corner	12	3	571
	Ajalli Water Works	0	2	507
	Umuavulu Abor	7	2	41
	Udi - Ozalla	15	2	35
	Enugu Ngwo	56	3	54
	Agbaja Ngwo	10	1	30
EDO	Auchi	200	105	150
	Queen Ede	185	27	45
	Ekehuan	57	48	58
	Ewu	126	45	173
	Ibore	177	65	115
	GAPIONA	336	164	239
	URORA	248	93	69
	TOTAL	11,060	6,448	5,750



Food vendors at Contractor's yard in Ebonyi State

Sub-Component 1-B: Integrated Watershed Management

Knowledge of community members have been strengthened and enhanced through the FONGOs, Members of communities have been mobilized towards putting in place strategies for preventing and reducing erosion. Results achieved include increased level of awareness towards partaking in activities that lead to erosion and land degradation.

Sub-Component 1-C: Livelihoods

Members of communities are now into businesses in areas of horticulture, livestock farming, honey production, trading (small shops) etc. This is as a result of the sub-grants disbursed to beneficiaries to ensure skills acquisition opportunities, training in the aspect of water harvesting which is expected to store water for use during dry season, and ultimately reduce run-off from increased rainfall.

Update on Livelihood Enhancement Activities

Livelihood implementation in the project continue to serve as a means of improving the standard of living for the poor and vulnerable people in communities. This has been a success area of the Project where beneficiaries have gained from various grants and have used the funds to set up businesses such as livestock farming, tailoring, production of insecticides and detergents, plant nurseries, gabion box welding, block molding, renting of chairs and canopy (done by physically challenged, palm oil production and processing, trading e.t.c. They have used profits to expand the business, and cater for their families. There are numerous success stories coming out of livelihood implementation such that a beneficiary in Cross River used the profits from poultry farming to pay for her fees and is now a graduate; the beneficiary is using the same profits to cater for her widowed mother. Another success story is where palm oil processing CIG in Nguzu Edda is providing jobs across the value chain for people in the community, beneficiaries now have improved means of livelihood.

The total number of beneficiaries from livelihood enhancement activities stand at 13,206 (4,148 male and 9,058 female beneficiaries); this number is a combination of beneficiaries of CIG implementation and beneficiaries of clean cook stoves. As a result, these activities have been implemented across 12,417 households and is an increase from 9,318 as it used to be reported. States such as Kogi, Plateau, Kano and a host of others have formed CIGs out of which 18 CIGs collecting waste were formed in Kogi State. Though the CIGs are yet to be operational because the review of Community Action Plan is ongoing, this is a good drive towards achieving the target of 50 CIGs collecting waste in the Project. Other States are also in the process of forming the CIGs collecting waste. In Ebonyi, such CIG has been formed and is functional, the State is building on this to add more waste CIGs.

Table 4: Update on NEWMAP Beneficiaries for Livelihood Enhancement Activities – March 2020

IMPLEMENTATION OF LIVELIHOOD ACTIVITIES (CIGs)									
STATE	SITE	TOTAL NO. OF CIGs	NUMBER OF HOUSEHOLDS THAT HAVE BENEFITTED FROM CIG LIVELIHOOD ENHANCEMENT ACTIVITIES	TOTAL BENEFICIARIES	MALE	FEMALE	AMOUNT APPROVED (₦)	TOTAL AMOUNT DISBURSED (₦)	AMOUNT BALANCE (₦)
ABIA	AMUDA ACHARA	33	314	334	135	199	27,270,700	27,270,700	0.00
	AMUZUKWU	12	58	107	46	61	12,918,300	12,918,300	0
	UMUEZEUKWU	37	247	351	158	193	27,110,950.00	27,110,950	0.00
ANAMBRA	Abagana	14	272	284	133	151	38,178,960.00	35,178,960.00	3,000,000.00
	Nero's Plaza/St. Thomas Aquinas	18	412	451	240	211	47,187,100.00	35,765,550.00	11,421,550.00
	Amachalla	5	122	135	69	66	22,064,600.00	11,032,300.00	11,032,300.00

IMPLEMENTATION OF LIVELIHOOD ACTIVITIES (CIGs)									
STATE	SITE	TOTAL NO. OF CIGs	NUMBER OF HOUSEHOLDS THAT HAVE BENEFITTED FROM CIG LIVELIHOOD ENHANCEMENT ACTIVITIES	TOTAL BENEFICIARIES	MALE	FEMALE	AMOUNT APPROVED (₦)	TOTAL AMOUNT DISBURSED (₦)	AMOUNT BALANCE (₦)
	Omagba	25	340	385	169	216	44,488,315.00	28,077,990.00	16,410,325.00
CROSS RIVER	ATAKPA	4	75	75	40	35	22,991,508.00	17,693,692.00	5,297,816
	EDIM OTOP	4	74	74	30	44	22,156,036.00	17,385,236.00	4,770,800
	NYANGASANG	4	71	71	31	40	21,734,260.00	15,577,860.00	6,156,400
	IKOT EKPO	4	75	75	32	43	22,832,860.00	16,017,756.00	6,815,104
	IKOT AWATIM	23	120	120	52	68	41,065,740	26,786,924	14,278,816
EBONYI	NGUZU EDDA	20	681	850	308	542	27,600,000.00	27,600,000.00	0
EDO	Auchi	16	240	240	146	94	60,000,000.00	53,352,000.00	6,648,000
	Queen Ede	10	150	150	78	72	35,000,000.00	32,450,000.00	2,550,000
	Ekehuan	9	146	146	57	89	30,000,000.00	18,523,200.00	11,476,800
ENUGU	9 TH MILE CORNER	15	240	411	177	234	20,000,000.00	15,700,000.00	4,300,000
	AJALLI WATER WORKS	14	180	347	124	223	20,000,000.00	18,900,000.00	1,100,000
IMO	Umeshi	6	176	176	115	61	31,992,675.00	31,992,675.00	0
	Iyiuzo-Ihuoma/Ogberuru	9	257	257	156	101	48,664,550.00	48,664,550.00	0
	EzialaObizi	6	110	110	61	49	34,082,500.00	34,082,500.00	0
		288	4,360	5,149	2,357	2,792	657,339,054	552,081,143	105,257,911.00

BENEFICIARIES OF CLEAN COOK STOVES				
STATE	SITE	TOTAL BENECICIARIES	MALE	FEMALE
ABIA	ELU, AMUKE COMMUNITY	188	26	162
	DODDS METHODIST UZUAKOLI	176	20	156
	UMUOEGELE UMUAKWU	161	20	141
	AMUD ACHARA COMMUNITY	136	31	105
	UMUAGU/ UMUDA/ AMAFOR ISINGWU	214	25	189
	UMUEZEUKWU COMMUNITY	215	36	179
	AMUZUKWU COMMUNITY	181	23	158
ANAMBRA	Abagana	140	26	114
	Ikenga-ogidi	140	41	99
	Nnewichi	140	48	92
	Enugwu-Ukwu	140	41	99
	Ojoto	140	34	106
	Abidi-Umuoji	140	29	111
	Agulu/Nanka/Okoko	420	107	313
CROSS RIVER	ATAKPA	138	21	117
	EDIM OTOP	143	24	119
	NYANGASANG	135	20	115
	IKOT EKPO	139	22	117
	IKOT AWATIM	135	19	116
	IGABA	55	16	39
	ITATE	50	13	37
EBONYI	NGUZU EDDA	243	79	164
	Ebia River	347	198	149
	Iyiokwu- Abakalilki Intl' Market	167	81	86
	Iyiudele River	199	60	139
	Odunukwe- Nkalilki-Hatchry Road	200	70	130
	Asu Umunaga	185	32	153
	oferekpe-Akahufu-Odumowo	147	83	64

BENEFICIARIES OF CLEAN COOK STOVES				
STATE	SITE	TOTAL BENECICIARIES	MALE	FEMALE
	Oldwaterworks	109	39	70
EDO	Auchi	400	2	398
	Queen Ede	113	18	95
	Ekehuan	264	9	255
	IBORE ESAN	263	5	258
	EWU ESAN	205	0	205
	Urora	150	12	138
	Gapiona	175	13	162
ENUGU	9TH MILE CORNER	65	20	45
	9th MILE CORNER CATCHMENT AREA	51	11	40
	AJALLI WATER WORKS	62	12	50
	UMUAVULU ABOR	64	11	53
	AGBAJA NGWO	75	39	36
	ENUGU NGWU	0		
	OWELLE -AJAJA	76	16	60
	ONUIYI NSUKKA	76	35	41
	OBOLLO AFOR	53	15	38
	OHOM ORBA	93	36	57
	UDI OZALLA	72	24	48
	OKWOJO NGWO	0		
	imiliki Etiti	48	10	38
	Obinagu Abia	72	20	52
IMO	Umueshi	110	40	70
	Iyiuo-Ihioma-Ogberuru	477	84	393

BENEFICIARIES OF CLEAN COOK STOVES				
STATE	SITE	TOTAL BENEFICIARIES	MALE	FEMALE
	Ezuala-Obizi	163	74	89
	Urualla	7	1	6
TOTAL BENEFICIARIES OF CLEAN COOK STOVES		8,057	1,791	6,266

STATE	HOUSEHOLDS FOR CIG IMPLEMENTATION	HOUSEHOLDS FOR COOKSTOVE DISTRIBUTION	TOTAL
ABIA	619	1,271	1,890
ANAMBRA	1,146	1,260	2,406
CROSS RIVER	415	795	1,210
EBONYI	681	1,597	2,278
EDO	536	1,570	2,106
ENUGU	420	807	1,227
IMO	543	757	1,300
	4,360	8,057	12,417
TOTAL HOUSEHOLDS THAT HAVE BENEFITTED FROM LIVELIHOOD ENHANCEMENT ACTIVITIES			12,417
TOTAL BENEFICIARIES OF LIVELIHOOD ENHANCEMENT ACTIVITIES (BENEFICIARIES OF CIG IMPLEMENTATION AND BENEFICIARIES OF CLEAN COOK STOVES)			13,206 (4,148 Male and 9,058 Female)



Products by produced by beneficiaries in Anambra



Tomato Paste and farm produce by CIG members in Edo



Motorized borehole in Kogi State



Waste collection materials for schools – Kogi State



Waste collection materials for schools – Kogi State

Implementation of Resettlement Action Plan

Resettlement Action Plan is an important aspect of NEWMAP, and is being implemented at State levels. As Project Affected Persons (PAPs) will have to be compensated before commencement of works, total PAPs compensated stand at 4,359 disaggregated into 2,878 male and 1,466 female (there are additional 15 organizations compensated in Ebonyi State to make up the total PAPs paid). Compensations were majorly in Iyiokwu site in Ebonyi State, Enugu Ngwo in Enugu State, Adumu and Agassa sites in Kogi as well as Midoma in Delta State. Beneficiaries have used funds to upgrade standard of living.

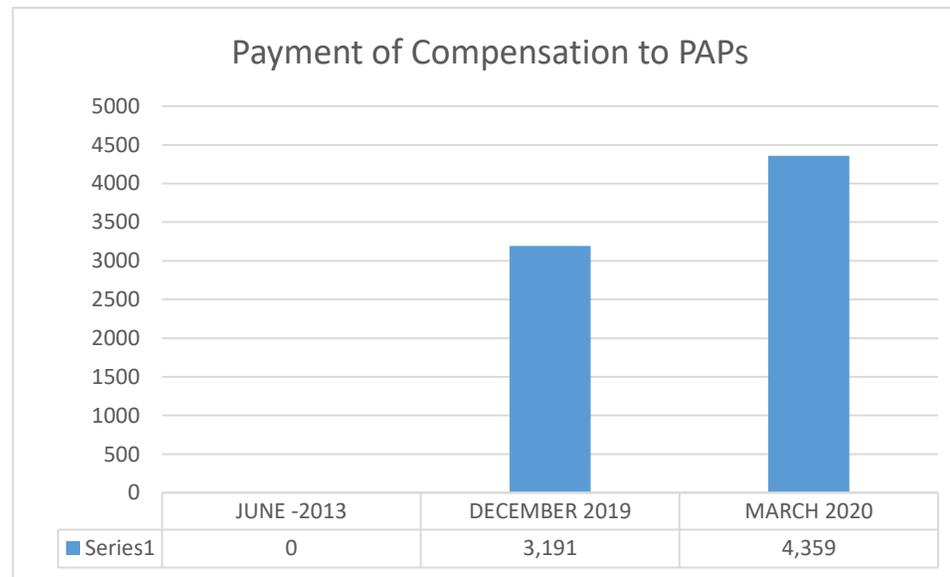


Fig 3: Payment of compensation to PAPs

Table 5: Implementation of Resettlement Action Plan – March 2020

RAP IMPLEMENTATION												
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID MARCH 2020	MALE	FEMALE	PAPS NOT PAID	REMARKS	PAPS PAID – NOV 2019	VARIANCE - NOV 2019 AND MARCH 2020
ABIA	UMUEZEUKWU	3,380,822.69	3,159,317.33	221,505.36	45	42	26	16	3		42	0
	UMUEZEUKWU ADDENDUM	13,979,731.00	11,624,900.00	2,354,831	71	65	37	28	6		71	-6
	AMUZUKWU	34,590,400	34,350,400	240,000	31	28	17	11	3		28	0
	AMUZUKWU ADDENDUM	9,538,000	9,045,812.50	492,187.50	9.0	8	7	1	1		8	0
	AMUDA-ACHARA	323,600	323,600	0	2	2	1	1	0		2	0
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU	87,587,000.00	33,820,531	53,766,469	34	34	30	4	0		34	0
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU (FIRST ADDENDUM)	14,064,479.00	13,574,199.00	490,280	6	6	5	1	0		6	0
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU (SECOND ADDENDUM)	24,507,350.00	10,063,500.00	14,443,850.00	9	4	3	1	5		4	0
	UMUOGELE UMUAKWU	4,348,300.00	4,318,300.00	30,000	47	45	25	20	2		45	0
	UMUOGELE/UMUAKWU ADDENDUM	985,500.00	1,170,500.00	-185,000	23	23	14	9	0		23	0
	UMUAGBAI	28,942,270	10,963,400	17,978,870	38	16	16	0	22		0	16
ANAMBRA	AMACHALLA	7,732,635.80	7,573,008.23	159,628.00	32	29	21	8	3		29	0
	ABAGANA	6,932,550.00	6,932,550.00	0	18	18	9	9	0		18	0
	ST THOMAS AQUINAS/ NEROS PLAZA	34,000,000.00	34,000,000.00	0	12	12	12	0	0		12	0
	NEW HERITAGE OMAGBA	10,677,800.00	10,677,800.00	0	84	84	73	11	0		84	0
	ABIDI-UMOJI	17,428,157.61	17,376,157.61	52,000.00	54	48	35	13	6		47	1
	IKENGA - OGIDI	9,234,299.49	8,894,299.49	340,000.00	73	71	62	9	2		71	0
	ENUGWU - UKWU	10,401,070.00	10,203,430.00	197,640.00	76	71	47	24	5		71	0
UGAMUMA – OBOSI	8,949,499.25	8,753,946.41	195,552.84	100	98	80	18	2		98	0	

RAP IMPLEMENTATION												
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID MARCH 2020	MALE	FEMALE	PAPS NOT PAID	REMARKS	PAPS PAID – NOV 2019	VARIANCE - NOV 2019 AND MARCH 2020
	OMAGBA SUPPLEMENTARY	13,983,500.00	13,983,500.00	0	7	7	6	1	0		7	0
	AMACHALA SUPPLEMENTARY	1,036,878.53	1,036,878.53	0	1	1	0	1	0		1	0
	OJOTO	70,870,931.00	70,148,661.00	722,270.00	131	128	64	64	3		110	18
	NNEWICHI	96,596,165.00	96,596,165.00	0	114	114	105	9	0		108	6
	NKPOR FLYOVER	23,630,390.00	22,696,210.00	934,180.00	56	53	45	8	3		50	3
	IRE OBOSI	23,808,520.00	23,471,790.00	336,730.00	71	70	44	26	1		69	1
	ABAGANA SUPPLEMENTARY	4,325,400.00	3,128,950.00	1,196,450	143	117	74	43	26		117	0
EKWUEME SQUARE/HIGH COURT	529,250.00	529,250	0	10	10	4	6	0		10	0	
CROSS RIVER	NYAGASANG	18,602,450.00	1,052,450.00	17,550,000	26	13	4	9	13		13	0
	ATAKPA	4,550,000.00	3,925,290	624,710	59	59	43	16	0		59	0
	IKOT EKPO	51,050,000.00	40,484,800.00	10,565,200	100	16	3	13	84		16	0
	IKOT ANWATIM	229,786,985.00	7,224,200	222,562,785	324	21	10	11	303		21	0
	EDIM OTOP	65,950,000.00	35,334,050	30,615,950	309	43	17	26	266		43	0
	LEMNA/AGRIC	165,373,736.00	19,201,771	146,171,965	39	38	17	21	1		38	0
DELTA	MIDOMA	91,794,655.80	74,909,881.35	515,906.35	65	57	47	10	8		0	57
EBONYI	EBIA RIVER	69,801,840.00	9,472,600.00	60,329,240	1051	561	312	247	490	559 persons compensated then a shrine and family asset	561	0
	IYIOKWU ABAKALIKI INT'L MARKET	143,368,091	17,161,600.00	126,206,491	204	119	71	44	85	115 PAPS paid. Also, a shrine, school, church and recreational park were compensated	0	119

RAP IMPLEMENTATION												
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID MARCH 2020	MALE	FEMALE	PAPS NOT PAID	REMARKS	PAPS PAID – NOV 2019	VARIANCE - NOV 2019 AND MARCH 2020
	IYUDELE RIVER	405,236,250.00	107,278,836.00	297,957,414	634	56	45	7	578	52 PAPS paid, then 3 churches and a community development facility were compensated	53	3
	ODUNUKWE NKALIKI	181,308,200.00	76,664,973.00	104,643,227	347	164	125	34	183	159 persons paid. Also, 2 churches, a school, a mining company and a farm were compensated	162	2
EDO	AUCHI	487,628,020.00	479,405,620.00	8,222,400	121	118	83	35	3		118	0
	EKEHUAN	10,120,000	2,920,000	7,200,000	10	3	2	1	7		3	0
	QUEEN EDE	155,443,501	135,199,881	20,243,620	26	25	17	8	1		25	0
	IBORE ESAN	69,034,050	67,589,050	1,445,000	92	86	70	16	6		86	0
	EWU ESAN	49,808,650	45,718,100	4,090,550	57	55	32	23	2		55	0
	AUCHI ADDENDUM	19,000,000	19,000,000	0	5	5	3	2	0		5	0
	QUEEN EDE ADDENDUM	15,000,000	15,000,000	0	7	7	6	1	0		7	0
	EWU ADDENDUM	1,100,000	1,100,000	0	4	4	4	0	0		4	0
	IBORE ADDENDUM	10,976,000	10,976,000	0	6	6	6	0	0		6	0
	EWU ADDENDUM 2	20,305,220	19,982,220	323,000	78	75	31	44	3		75	0
	IBORE ADDENDUM 2	6,750,800	6,645,800	105,000	40	39	30	9	1		39	0
	GAPIONA	462,905,160	124,249,375	338,655,785	80	28	20	8	52	28 PAPS paid	0	28
	URORA	211,974,300	104,848,000	107,126,300	74	13	9	4	61	13 PAPS paid	0	13
OGISO_OSUNDE	31,306,361	3,199,880	28,106,481	49	11	4	7	38	11 PAPS paid	0	11	
IGBEI	91,548,500	8,816,000	82,732,500	65	7	7	0	58	7 PAPS paid	0	7	
ENUGU	NINTH-MILE GULLY SITE	3,901,760.00	3,901,760.00	0	88	88	68	20	0		88	0

RAP IMPLEMENTATION												
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID MARCH 2020	MALE	FEMALE	PAPS NOT PAID	REMARKS	PAPS PAID – NOV 2019	VARIANCE - NOV 2019 AND MARCH 2020
	AJALLI	9,900,000.00	0	9,900,000.00	0	0	0	0	0	To rehabilitate 3 community Schools & Toilets	0	0
	Umuavulu Abor	11,243,708.00	11,123,708.00	120,000.00	67	66	41	25	1		67	-1
	Enugu Ngwo	19,848,567.72	18,469,804.88	1,378,762.84	286	271	185	86	15	271 PAPS paid	0	271
	Agbaja Ngwo	759,000.00	759,000.00	0	4	4	1	3	0		0	4
KOGI	Agassa	40,139,490	11,305,400	28,834,090.00	41	34	21	13	7	34 PAPS paid	0	34
	Adumu Road	135,171,173.55	13,279,047.00	121,892,126.45	581	312	160	152	269	312 PAPS paid. PAPS that have not been paid include those whose buildings were saved and undeclared cheques due to COVID 19	0	312
	Agassa Addendum	68,588,773.61	26,818,929.89	41,769,843.72	72	49	33	16	23	49 PAPS paid	0	49
	Adumu Road Addendum	74,312,242.40	33,931,375	40,380,867	158	162	104	58	0	162 PAPS paid. A PAP was earlier captured on behalf of his family members but during RAP implementation , each member was paid individually (that is why PAPS paid is higher than Total PAPS per	0	162

RAP IMPLEMENTATION												
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID MARCH 2020	MALE	FEMALE	PAPS NOT PAID	REMARKS	PAPS PAID – NOV 2019	VARIANCE - NOV 2019 AND MARCH 2020
										site)		
AKWA IBOM	Etim Umana	962,711,842.25	413,130,398.00	549,581,444	600	138	82	56	462	43 PAPS paid	95	43
	St. Luke's Hospital	100,332,162	30,012,473	70,319,689	15	15	14	1	0	15 PAPS paid	0	15
IMO	Umeshi	1,570,000	866,200.00	703,800	15	14	10	4	1		14	0
	Iyiuzo-Ihuoma/Ogberuru	24,933,419	14,358,897.00	10,574,522	324	296	219	77	28		296	0
	EzialaObizi	5,996,535	5,284,490.00	712,045	115	77	60	17	38		77	0
		5,091,515,943.03	2,489,018,916.22	2,586,128,159.04	7,535	4,359	2,878	1,466	3,180		3,191	1,168

Component 2: Erosion and Watershed Management Institutions and Information Services

Sub-Component 2A: Federal MDA Effectiveness and Investment Services for States

This component is aimed at strengthening institutions at the Federal level to ensure Project sustainability. To achieve this, NEWMAP has supported and provided enabling environment for relevant institutions to improve their effectiveness. Institutions such as NIHSA, NIMET, FUTO, EA Department, have been supported. However, synergy with other agencies such as NEMA, Federal Ministry of Works, Department of Erosion and Coastal Zone Management, NIWRC, is seriously lacking especially that there are critical policies to implement with these institutions. It is important that NEWMAP renew collaboration with these institutions for the fact that these agencies have a critical role to play in terms of sustainability of the Project.

In addition to the 71 stations previously installed, 4 more underground Water Monitoring Boreholes have been procured and installed in Enugu, Ebonyi, Imo and Cross River States. This brings to a total of 75 stations providing data for integrated planning.

Due to installation of AFEWS, students of University of Technology, Calabar have utilized the Systems for doctoral research. Installation of the AFEWs became necessary so as to give early warning signal to residents living along the coastal plain and riverine areas as the river stage rises. The 5 RBDAs now have functional AFEWS that are providing flood monitoring services, they include: Anambra Imo River Basin Development Authority, Niger Delta River Basin Development Authority, Cross River Basin Development Authority, Upper Benue River Basin Development Authority and Sokoto Rima River Basin Development Authority with locations in Delta, Anambra, Imo, Rivers, Akwa-Ibom, Cross-River, Sokoto, Kebbi, Adamawa and Taraba States.

With the installation of HydroMet stations, NIHSA generates data on yearly basis on flood forecasting and then disseminate for the whole country, the flood outlook provides a prediction on flood risk areas. NIMET also generates data from stations to predict seasonal rainfall for the entire country. Academic institutions such as FUTO use the information for their Weather Digest Bulletin which is produced quarterly. External consultants also use the data generated from hydrological stations to make engineering designs such as dam design and irrigation schemes etc.

Support to NIHSA, FMWR and FUTO:

In the quest to achieve the Project target of installing 100 stations providing data for integrated catchment planning, NEWMAP has completed the installation of a total of 75 stations. This is an increment of 4 underground water monitoring boreholes installed when compared to 71 stations as reported in November 2019. The installations are in line with NEWMAP support to the Federal Government of Nigeria by providing enabling environment for institutions. As a result of the support, the services of

agencies such as NIHSA, NIMET, FUTO have been enhanced and are more effective. In August 2019, the Agency conducted flood sensitization workshops in 3 zonal States of Benue, Ekiti and Kebbi. The aim of the workshops was to provide awareness on impending flood occurrences as well as flood prevention, mitigation and control. A total of 349 participants attended the workshops and had in attendance the State Commissioners of Water Resources, representatives of State Emergency



Managements Agencies from Ondo, Osun, Oyo, Benue, Zamfara, Kebbi and Sokoto States. Also in attendance were NYSC members, including representatives from secondary schools and Universities. Participants were well informed on the 2019 flood forecast within States, including associated risks and emergency control measures. Lessons learnt are to be disseminated at State and grassroot levels for improved public enlightenment. This also include the use of radio jingles, TV adverts, inscribed T-Shirts and bill-boards to create more awareness.

Installation and training of hydrological and meteorological stations



Participants during flood sensitization workshop conducted by NIHSA

Support to EA Department:

Approval has been granted to develop EIA guideline for targeted investment types that affect erosion, TOR has been sent to the Bank. It has been agreed during the March 2019 Mission, to conduct a Joint FPMU/EA Department Impact Mitigation Monitoring (IMM) to 1st Tier States for the purpose of issuing Environmental Impact Statements (EIS), EA Department had issued letters of approval to these 1st Tier States and waved the Final Assess Charge that is to be paid per site. Close-up IMM needs to be conducted for EA Department to finalize the release EIA Certificates.

As one of the main objectives of NEWMAP to strengthen institutions towards ensuring environmental regulatory compliance, NEWMAP has strengthened technical effectiveness of the EA Department of Federal Ministry of Environment through capacity building and training of staff on Environmental Sustainable Tools in United Kingdom and USA. This has led to enhanced skills in environmental management, assessments and legislation. NEWMAP also supported the Department through the digitization and electronic archiving of EIA Reports, this has eased retrieval and tracking of numerous reports. The system also keeps track of enumeration areas (EA) during each phase of data capture. It has also improved performance of the Department in terms efficiency and effectiveness.

Establishment of Centre of Excellence

The Project is closing in on establishing National Centers of Excellence. Having approved and cleared the 2020 Work and Procurement Plan, activities will be implemented for University of Lagos to be recognized as a National Center of Excellence. Key activities include the development of curriculum that will provide innovative and global knowledge in the areas of environmental and social compliance. Other key activities include training on the new ESF, supply of GIS tools and provision of other operational support. One other agency identified to be recognized as National center of Excellence is the Federal University of Technology, Owerri in Imo State which has received extensive support from NEWMAP. The National Space Research and development Agency (NASRDA) is another intended National Centre of Excellence. When declared as National Centers of Excellence, these centers will serve as world class entities that will positively impact on environmental sustainability and social inclusion in the West-Central Africa region.

South-South Knowledge Exchange:

As a result of financing from the China-World Bank Group Trust Fund, the South-South Knowledge Exchange Conference (Knowledge Fair) took place in Abuja. The fair allowed for knowledge sharing between China, India, and Nigeria. The Trust Fund is aimed at supporting important knowledge sharing and learning between China, India and Nigeria while also complimenting the outcomes of NEWMAP, the new Neeranchal National Watershed Project in India and the FADAMA Project in Nigeria.

The knowledge fair was linked to Global Space Week 2017, and was themed “**Exploring New Worlds in Space: Challenges and Prospects for Nigeria**”. The Conference had in attendance global experts from Chinese Institute of Remote Sensing, India’s National Remote Sensing Centre and the Karnataka Watershed Program in Bangalore – India. Officials from the National Space Research and Development Agency (NASRDA) were other key participants, including representatives from the academia, staff of relevant MDAs. The conference was very much successful given that it spurred new interest, participants were exposed to the world of Geospatial technology and its application in various fields. Participants’ knowledge was enhanced with respect to global trends in geospatial technology and how solutions to environmental problems could be provided.

Another great achievement was that students from 2 Secondary Schools in Abuja and members of National Youth Service Corps members were exposed to the world of geospatial technology and its application in various fields. This was followed by a tour to the National Space Research and Development Agency where NASRDA and ISRO shared experiences. A Memorandum of Understanding was drafted to foster greater knowledge sharing and support to the use of Geospatial Technology.

Other deliverables achieved include:

- i. Improved understanding about the importance of geo-spatial education;
- ii. Improved support for Integrated Watershed and Erosion Management as a means of sustainable economic development, based on good geo-survey and satellite images;
- iii. Young people in Nigeria excited about applications of science and technology, engineering, and math to real world natural resource management problems; and
- iv. Stronger international cooperation in space outreach and education to support:

Cooperation between ISRO/NEWSPACE, NASRDA and NEWMAP:

The cooperation between ISRO/ NewSpace, NASRDA and NEWMAP is to enhance capacity of stakeholders in utilizing geographical information systems and space technology. Discussions have been ongoing to develop a platform for spatial data management. It is important that the Project reach a consensus with ISRO or take a drastic decision to complete this activity.

Sub-Component 2B: State MDA Effectiveness and Services

As the Project comes to an end and as part of sustainability measures, the SPMUs are improving collaborations with State MDAs. As part of the exit strategy, all SPMUs have been advised to conduct workshops with State MDAs to deepen and adequately entrench NEWMAP practices, in line with strengthening institutions at the State levels.

Overtime, SPMUs have collaborated with stakeholders at the State levels to imbibe environmental guidelines and policies for reducing erosion problems as well as promote sustainable environmental practices. In Anambra, the inclusion of the SPMU in a Joint Task Force (JTF) is a good initiative, this is in collaboration with the State Ministry of Works and has the responsibility of reviewing road and drainage constructions. As part of the drive, the State Project Coordinator is a member of the Task Force, this will ensure proper construction of roads and drainages with a view to reducing and preventing gully formation. There has also been improved synergy between the SPMU and SEMA in the aspect of stakeholder engagement workshops for the Onitsha Urban Storm Water Management Master Plan. SEMA also participated during the inspection mission of the Automated Flood Early Warning Systems at Umueze Anam.

In Kano NEWMAP, collaborations with SEMA, Center for Dryland Agriculture (CDA), Bayero University Kano, Hadejia Jama'are River-Basin Development Authority are aimed at preventing environmental risks and disasters. The PMU also received students from Federal University, Dutsin-Ma as well as staff of Borno and Niger PMUs on study tour. The SSC and STC are better informed on work and procurement plan. In Abia State, SEMA representatives participate in SSC & STC meetings, this led to better synergy and collaboration. In Delta, the SPMU collaborated with SEMA and provided operational vehicle due to the recent flood disaster in the State.

In line with ensuring State MDA effectiveness, Plateau PMU is conducting continuous mobilization and sensitization by FONGO and advocacy by SPMU to the Local Government Authority, this has created awareness on relevance of NEWMAP and the role they (LGA representatives) play in the execution of the Project. The PMU also in collaboration with State Ministry of Lands and Survey, Ministry of Urban Development, Ministry of Works, Housing and Transport and Ministry of Environment are working together to sensitize staff on the effects of wrong termination of drainage systems; also to build staff capacity on design of water conveyance structure and hydrological catchment. This is expected to help put in place effective tools that will help the Government improve the way State roads and drainages are being constructed and managed; with a view to reducing gully formation.

In Ebonyi State, the PMU conducted Stakeholder's Workshop for Stormwater Management Master Plan for Abakaliki City. Towards anticipating and responding better to natural disasters and related emergencies, the PMU is partnering with the State Emergency Management Agency (SEMA) to provide improved service delivery. In Cross River state, sensitization sessions and a training have been conducted to synergize with relevant MDAs, participants knowledge were enhanced in line with NEWMAP's techniques, approaches and modern approaches to environmental degradation.

Stormwater Management: This activity is implemented in States of Ebonyi, Abia and Anambra. Stormwater management is financed under Special Climate Change Fund (SCCF) and is aimed at helping stem gully formation, better manage flood and landslide risks, and adapt to higher rainfall intensities and run-off.

The Onitsha Urban Storm Water Master Plan has been completed, cleared by the Bank and is now a working document. The document has also been disclosed and disseminated to the FPMU, World Bank and Anambra State Ministry of Environment, State Ministry of Works, State Ministry of Public Utilities, Ministry of Lands, Anambra State Waste Management Authority (ASWAMA) among others. The Abakaliki Stormwater Master Plan in Ebonyi State has also been completed, while the Aba Stormwater MasterPlan, bid evaluation has completed.

Rainwater Harvesting

Rainwater harvesting is currently being practiced in Cross River State, and this is yielding results; a total of 100 water tanks have been installed in Ikot Ekpo while 180 installed in Ikot Anwatim. This is reducing run-off and preserving water for domestic use within the communities.



Water Harvesting practiced in Cross River State

Sub-Component 2C: Effectiveness and Services of Local Government Areas

The objective of this component is to strengthen Local Government Areas (LGAs) to sustain and maintain works. While Tiers 1 and 2 States have collaborated with the LGA representatives in the implementation of respective activities, it is important that SPMUs deepen this collaboration and ensure effective synergy for sustainability. Due to NEWMAP collaboration, there is better understanding of the Project within LGAs as desk officers help to sensitize the community. In Anambra, the liaison officers were involved in Onitsha Urban Storm Water Master Plan Stakeholder’s Workshop, including the grievance redress training. The officers also participated in site sensitizations so as to ensure sustainability of the investment.

In Kano, advocacy and sensitization was conducted in the 5 priority areas where orchards and woodlots were planted, residents were generally informed on the need for tree planting, including dangers and mitigation measures associated with land degradation.

In Cross River State, the PMU has formed NEWMAP Conservation Club in 5 schools with a total of 100 students, this has provided students with required knowledge for environmental sustainability. In Enugu, schools and communities were sensitized on environmental best practices and CIGs were trained on proper waste management.

In Akwa Ibom, the community association set up in Etim Umana site has facilitated a high level of cooperation within the community members who are now part of monitoring processes, this is yielding good results and is enhancing synergy at the grassroots. Due to ongoing collaborations and mobilization within communities, Akwa Ibom PMU inaugurated NEWMAP Environmental Conservation Vanguard (headed by patrons and school coordinators) in 24 Schools within the catchment. The PMU is working to institutionalize this concept by establishing environmental clubs within all schools in the State. The PMU also distributed pedal type operated waste bins to public and private schools, this is meant to instill proper waste management culture in the students.

In Edo State, the Local Government technical officers were involved during ESMP sensitization programmes for new sites. Participation of the LGA officers will safeguard ownership and sustainability of the investment during and after the Project.



Waste materials distributed to Gov. Sec School Nyagasang



NEWMAP Club, St Joseph's Primary School, Akwa Ibom

Private and Non-Government Sector Institutions and Services

In order to prevent cases of gender-based violence, child labor, drug/alcohol abuse, contractors and other stakeholders are constantly sensitized on the importance of adhering to code of ethical conduct during implementation. In this regard, a training was conducted for Arab contractors in Imo State. Similarly, Anambra PMU conducted a training on the Environmental and Social Health Safety Management System (ESHSMS) for the newly engaged contractors for the new sites. In Abia, a training was conducted for staff of Hartland Nigeria Limited.

Component 3: Climate Change Response

Activities under this component are expected to be scaled up which include promoting Energy Access in Rural Areas through Low Carbon Solutions. As part of Nigeria's commitment to reducing carbon emissions and achieving NDCs, the demonstration Projects will help achieve this. Ultimately, the objective of this component is to enhance Nigeria's capacity to promote low carbon as well as climate resilience, with better knowledge and enhanced capacities towards formulating and implementing climate-related policies. It is also aimed at providing tools and approaches for Government to effectively respond to climate change; and support reduction of carbon emission through demonstration projects. The Project Mid-Term Review (MTR) in January 2016 recommended a restructuring of this component from the original objective to focus more on adaptation to climate change and extreme weather events in Nigeria.

Accordingly, the restructuring was carried out, and funds were re-allocated for interventions in the dry and semi-arid landscapes. This also include providing institutional capacity to support Government to implement the framework for Climate Action—the Nationally Determined Contribution (NDC), as well as mobilize financial resources for climate action priorities, including the issuance of Green Bonds. Towards strengthening the strategic policy and institutional framework, NEWMAP has contributed to enhancing the technical capacity for Government personnel to be better equipped to respond to climate change.

As Nigeria strives to harness resources of non-oil sectors to anchor the transition to a more resilient economy, the need to close infrastructural gap through sustainable financing became imperative. This led to the issuance of the 1st and 2nd Nigeria Sovereign Green Bonds (First in Africa). The objective of the Green Bonds is to provide funds for projects towards protecting the environment and reversing the harmful effects of climate change.

In preparation for a third issuance after 1st and 2nd issuances of the Nigeria Green Bond, two meetings were held in Lagos, by The Green Bond Advisory Group (GBAG) a body of experts comprised of development partners, key capital market operators and relevant regulators that provide strategic advice, guidance and information to the Ministry of Environment on the Green Bonds process. The

meetings focused on processes and way forward towards the 3rd issuance, while learning from the 1st and 2nd issuances.

NEWMAP has continued to support the Green Bond Secretariat located within the Department of Climate Change (DCC). Apart from providing technical support in the areas of financial management and procurement, NEWMAP provides financial support to the Green Bond pre- and post-issuance activities, which include the following: Program Advisory Team, Stakeholder Engagements, Transaction Party Fees and 2nd Opinions, Green Bond Publications, capacity building, Monitoring, Reporting and Verification etc. Green Bond Advisory Group has been formed, comprising of critical stakeholders which facilitated the issuance of the 2nd Green Bonds. Also, the essence of the Advisory Group is to ensure that the bonds are effective as expected. NEWMAP has further supported key staff who attended Green Bond Retreat including meetings with the Advisory Group. The collaboration between Green Bond Secretariat and key partners is improving, this is a key factor towards the successful implementation of the Green Bond activities.

The growing global recognition of the role of bond markets provides increasing opportunities to finance the implementation of achieving the Nationally Determined Contributions (NDC), Sustainable Development Goals and other green growth projects. The Green Bonds is becoming an increasingly dominant form of green finance, particularly for clean and sustainable infrastructure development.

Support to Issuance of Nigeria's First Sovereign Green Bonds

Following the active and supportive role NEWMAP to the Department for Climate Change (DCC), Nigeria successfully issued its 1st Sovereign Green Bond in December, 2017 to the tune of N10.69Billion (\$29m). The projects funded with the proceeds of this issuance fall under 2 themes and are being implemented through Ministries/MDAs.

- i. Renewable Energy Program (Energizing Education Program) with solar plants installed in 7 selected Federal Government Universities across the Federation, and Torankawa community in Sokoto State benefitted from a Renewable Energy Micro Utility (REMU) project. Work is ongoing.
- ii. Sustainable Forestry (National Afforestation Program), this involves planting of selected economic and non-economic, but long-life trees in selected communities across Nigeria that will curtail the menace of desertification and enhance sustainable forestry.

Expected Climate Results

In line with the objective of the Green Bonds, the expected results from these projects are:

1. Reduction in Annual Greenhouse Gas (GHG) emissions
2. Annual production of Renewable energy
3. Afforestation Projects to reduce climate change effect

Through the issuance of 1st Green Bonds, 2,265 hectares of land will be covered with selected trees. The investment will lead to a reduction of 42,644 tons CO₂eq emissions per annum in due course, and ultimately contribute to achieving Nigeria's Nationally Determined Contributions (NDC) as agreed in the Paris Agreement of 2015. The table below shows commitments made in two themes of renewable energy and sustainable forestry.

S/N	Project Name	MDA	Location	Description	Type (Theme)	Commitment Amount =N=(M)	Capacity (MW)	Capacity (HA)	Emission Reduced/Avoided
1	Energizing Education Project	FMoPWH-Rural Electrification Agency	Anambra	Solar Hybrid plant for Nnamdi Azikiwe University, Awka	Renewable energy	1,295.77	2	-	4,382.15
2	Energizing Education Project	FMoPWH- Rural Electrification Agency	Ebonyi	Solar Hybrid plant for Federal University Ndufu Alike Ikwo	Renewable energy	787.13	1	-	2,191.08
3	Energizing Education Project	FMoPWH- Rural Electrification Agency	Delta	Solar Hybrid plant for Federal University of Petroleum Resources, Effurun	Renewable energy	586.12	0.5	-	1,095.54
4	Energizing Education Project	FMoPWH- Rural Electrification Agency	Sokoto	Solar Hybrid plant for Usmanu Danfodiyo University, main campus	Renewable energy	1,325.60	2	-	6,573.23
5	Energizing Education Project	FMoPWH- Rural Electrification Agency	Kano	Solar Hybrid plant for Bayero University, new campus	Renewable energy	1,841.88	3	-	6,573.23
6	Energizing Education Project	FMoPWH- Rural Electrification Agency	Benue	Solar Hybrid plant for Federal University of Agriculture, Makurdi	Renewable energy	2,187.80	3.5	-	7,668.76
7	Energizing Education Project	FMoPWH- Rural Electrification Agency	Bauchi	Solar Hybrid plant for Abubakar Tafawa Balewa University	Renewable energy	529.30	0.5	-	1,095.54
8	Renewable Energy Micro- Utility	FMoPWH- Renewable& Rural power Dept.	Sokoto	Construction of Grid Connected Mini-Grid Renewable Energy Micro Utility (REMU) Project at Torankwa Village	Renewable energy	146.07	0.06	-	195.00
9	National Afforestation	FME- Dept of Drought, desertification & Amiliation	Adamawa, Borno, Kano, Yobe and Zamfara	Afforestation projects in 5 states	Sustainable forestry	230.40	-	115	673.00
10	National Afforestation	FME- Forest Research Institute of Nig.	Kano, Plateau, Kaduna, Niger, Kogi, Oyo, Ondo, Ogun, Edo, Ebonyi, Abia, Cross Rivers	Afforestation projects in 12 States	Sustainable forestry	719.84	-	147	818.00
11	National Afforestation	FME- National Parks Services	Kwara/Niger, Oyo, Borno/Yobe, kaduna Adamawa/Taraba , Cross River, Edo	Afforestation projects in 7 States	Sustainable forestry	225.32	-	1100	6,094.00
12	National Afforestation	FME-Great Green Wall	Kebbi, Sokoto, Zamfara, Katsina, Jigawa, Yobe, Borno, Kano, Bauchi, Adamawa, Gombe	Afforestation projects in 11 States	Sustainable forestry	814.78	-	903.35	5,284.59
13	Total					10,690.00	12.56	2,265	42,644

Source: Federal Government of Nigeria Green Bond Program Report



Energizing Education Project at Alex Ekwueme Federal University, Ebonyi State - implemented under 1st issuance of Green Bonds



Vice President, Prof. Yemi Osinbajo and Ebonyi State Governor commissioning Energizing Education Project implemented under 1st issuance of Green Bonds



Energizing Education Project in Bayero University, Kano - implemented under 1st issuance of Green Bonds



Energizing Education Project in Bayero University, Kano - implemented under 1st issuance of Green Bonds



Entrance of Bayero University Kano at night



Afforestation Project in Benisheikh, Borno State (Before and After) - implemented under 1st issuance of Green Bonds

Support to Issuance of Nigeria’s Second Sovereign Green Bonds

With continued support of NEWMAP, the Second Issuance was rolled out in May, 2019 to the tune of N15Billion for a seven-year tenor. Activities for the 2nd issuance will span across 5 sectors in areas of Energy, Water, Agriculture, FCT and Transport. The proceeds are appropriated to the concerned Ministries for implementation, as extracted from 2018 budget reflected in the table below.

S/N	Ministry	Cost	NDC Themes
1	Federal Ministry of Environment	1,220.88	Adaptation
2	Federal Ministry of Agriculture & Rural Development	600	Adaptation
3	Federal Ministry of Power, Works & Housing	8,264	Mitigation
4	Federal Ministry of Transport	500	Mitigation
5	Federal Capital Territory Authority	1597.12	Mitigation
6	Federal Ministry of Water Resources	2,818	Mitigation and Adaptation
	Total	15,000,000,000.00	

Source: Federal Government of Nigeria, Impact of the 2018 Green Bond issuance on the ERGPs Sectoral Plan Report

Development of Framework for Adoption of Liquefied Petroleum Gas (LPG) as Low Carbon Alternative to Firewood and Kerosene

This activity is aimed at enabling the adoption of environmentally sustainable LPG for national economic development. Phase 1 was completed in January, 2019. The final report provided a holistic framework which identified various investment opportunities across the LPG value chain, including LPG penetration and adoption strategy which when implemented, will contribute to Nigeria’s commitment to the Paris Agreement and Sustainable Development Goals.

The TOR for the commencement of Phase 2 of LPG Framework has been cleared, the objective is to implement a holistic framework for the adoption of environmentally sustainable LPG as an alternative to firewood & kerosene as domestic cooking fuel across the country. This is to reduce deforestation, health risks and curb desertification.

For consultancy to develop market readiness for Nationally Appropriate Mitigation Actions (NAMAs), NEWMAP has provided support and a study has been conducted and handed over to Department of Climate Change to be put in a format for the UNFCCC NAMA Registry.

Phase I of Climate Change Data Management System has been completed. Phase II is a platform where data and information relating to climate change will be generated, stored, analyzed and made accessible to vital stakeholders.

Green House Gas (GHG) Inventory

In order to ascertain the Net GHG reductions due to NEWMAP interventions, a consultant is to be engaged to carry out this activity. The Evaluation Report for Expression of Interest has been sent to the Bank for No Objection. Once this activity is concluded, NEWMAP will provide inventory for the reduction of greenhouse gases.

Climate Smart Agricultural Guideline:

The CSA Guideline will establish Climate-Smart-Agricultural best practices to farmers, to address climate change challenges in the six distinct Agro-ecological zones of Nigeria. This activity is aimed at transforming agricultural systems in the Country for optimal yields under a changing climate, it will also enhance agricultural productivity yield. Approval is pending to advertise for Request for Expression of Interest (REI).

Production of Guidance Manual for Climate Change response Agenda

Under the Climate Change Support Agenda for Nigeria, NEWMAP is developing a Guidance Manual for Climate Change response Agenda that will provide a clear implementation guideline for “NEWMAP Climate Change Support Agenda for Nigeria”. To this effect, a NO objection has been granted by Bank.

As a result of the Validation Mission conducted to States, it was discovered that a total of 8,057 cook stoves have been distributed across the 1st seven States to promote low carbon emission. The distribution of efficient cook stoves is aimed at reducing dependence on fuel wood and charcoal to tackle deforestation and land degradation. The second phase is expected to scale up to the Northern parts of the country. Another important activity implemented under this component is the piloting of 3 modern bakeries in Jigawa State to curb the desertification and pollution of the environment.

Participation in UN Committee of Parties (COP)

Nigeria being a member of UN’s Committee of Parties (COP), NEWMAP has always sponsored key staff of Environment Ministry to attend COP 25 Conference which was held in Spain, December 2019. The Conference focused on advancing discussions on issues that were not concluded from COP24 Conference. This is to enable the operationalization of the Paris Agreement and enhanced ambition. The main thrust was informed by the outcomes of the UN Climate Action Summit held in New York, US earlier in September 2019, and the three Regional Climate Weeks including; Africa Climate Week held in March, Latin America and Caribbean (LAC) Climate Week and Asia-Pacific Climate Week held in August and September 2019 respectively.

The Key issues discussed at the conference include: Stock-take on Pre-2020 implementation and Ambition, Scope of the periodic review, Loss and Damage – Review of the Warsaw International Mechanism, Article 6 of the Paris Agreement, Long- Term Finance (Adaptation Fund Matters related to the GCF and Global, Environment Facility (GEF)), NDCs. After extensive deliberations, Governments reaffirmed a prior call for all parties to reflect “**highest possible ambition**” when a new round of Nationally Determined Contributions (NDCs) is presented in 2020. On the other hand,

NEWMAP also supports the Ministry through DCC in attendance of other relevant international stakeholder meeting regarding green bond and climate change.

Consultancy Service for Utility Scale Grid Connected Solar Power Plant – Feasibility and Pre-feasibility Studies:

This Study has been completed and handed over to Federal Ministry of Power for implementation. Using the report, the Ministry of Power is in discussions to attract investors to set up solar farms within the country. The study broadly summarizes the current status of power generation and electricity demand, policies and regulations in Nigeria; highlights the criteria for setting-up and financing a large-scale solar photo voltaic (PV) project; looks at competitive PV technology development; PV quality, reliability & sustainability; and PV grid integration. The study reviewed three different locations in Bauchi, Kaduna and Niger States in detail.

Three pre-feasibility studies entailed economic, financial, and technical analysis, preliminary site investigations, and social and environmental assessment for the following options:

- i. 50 MWp at a single site, allowing for modular scale-up and phased development in the State of Bauchi - feasibility study (intended to lead to investment bids);
- ii. 30 MWp cogeneration feeder plants adjacent to the Kainji Hydro Power Plant (grid-connected, centralized and/or distributed) - pre-feasibility study (intended to lead to functional bids);
- iii. 20 MWp embedded generation plant within privatised KAEDCO in Kaduna (DISCO, grid connected, distributed) - pre-feasibility study (intended to lead to functional bids).



Economic trees planted by Kano NEWMAP, already bearing fruit

Component 4: Project Management

This component is aimed at achieving efficient use of resources and ensuring effectiveness of operations. To achieve these objectives, the FPMU is improving its role as the coordinating Unit of the Project, States are now routing requests through the FPMU. This is aside other roles played by the FPMU by improving collaborations especially with the Federal Ministries of Environment and Finance, as well as State Governments. It is important to further state that the Project needs to renew engagements with NEMA, Federal Ministry of Works, NIWRC so as to deliver and sustain key results. As the Project comes to an end, it is necessary for the Project to follow through and finalize all activities and engagements in order to deliver more results. It is on this premise that a meeting was held in February 2020 with the Honourable Minister of Environment, World Bank officials, Chairpersons of State Steering Committees as well as State Project Coordinators were in attendance. Discussions centered on fast tracking activities against Project Closure date of 30th June, 2021; this also include discussions on the proposed Integrated Landscape Management Project.

As extra push is needed to achieve Federal level indicators of the Result Framework, the FPMU is improving to ensure the achievement of other indicators; all Specialist are engaging with respective State officers to achieve this. While States have signed respective Subsidiary Loan Agreements and Legal Opinions which led to the effectiveness of the NEWMAP AF, funds have been disbursed to States to fast track implementation. This is also complimented by the use of SCCF funds to achieve critical areas of the Project. Before the AF became effective, the Project Implementation Manual was revised, participants comprised of Permanent Secretaries of State Ministries of Environment and staff of SPMUs. The review became very necessary so as to address certain gaps of institutional arrangement, staffing, procurement issues, among others. States PMUs have adopted the Revised PIM.

NEWMAP has given much emphasis on knowledge enhancement with the training of safeguard officers to Netherlands which has helped improve knowledge base of staff on safeguard issues. Several trainings, study tours and knowledge sessions sponsored by the Project led to enhancement of skills for Project Staff to solve erosion and land degradation challenges. Examples include trainings and study tours conducted to United States of America, Israel, Brazil and China. The trainings have to a great extent equipped Project staff with global trends and best practices in solving erosion and watershed problems. Furthermore, the Engineering Unit also attended a training in the American University, Lebanon where technical skills was greatly enhanced.

The Project is working to sustain its drive with reference to the FY19 Awards where NEWMAP won the Overall Best Project in the entire World Bank Nigeria Portfolio, Best Project in Results and Innovation, and Best Project in Financial Management; including other awards in the Sustainable Development Africa Awards.

Joint World Bank, FGN Implementation Support Mission in November 2019

The World Bank team and FPMU conducted an Implementation Support Mission in November, 2019. The Mission met with the then leadership of Imo State, Hon. Emeka Ihedioha; also conducted site

visits where the Mission visited the Federal University of Technology in Owerri to deliver institutional support provided by the Project.

Importantly, the Mission had workshops on integrated catchment management, livelihoods and safeguards, and monitoring and evaluation (M&E). Discussions on Catchment Management Plans focused on approaches and techniques of catchment Management Plan with specific references to water management and hydrology, sustainable landscape management practices among others. Due to unfortunate fatalities in Anambra and Ebonyi State, several discussions and demonstrations were held in areas of Environmental/Occupational Health and Safety (EHS and OHS). In the same vein, precautions were demonstrated to protect the health and safety of workers at site; also to ensure that communities are well guarded against any risk on their health and safety. Types of hazards, roles of a workers /supervisors in Hazards Management, methods of reporting hazards were highlighted. World Bank guidelines on safety measures were shared for reference purpose. The second leg of Mission took place in Abuja where M&E, MIS, GIS and Communication officers converged and worked on several aspects of data particularly relating People receiving Project Advisory Support.

At the end of the Mission, Critical Actions were agreed and are outlined in the table below.

Table 7: Update on Critical Agreed Actions from November 2019 Joint World Bank/FGN Mission

S/N	ACTION	RESPONSIBILITY	DUE DATE	STATUS AS AT JANUARY 2020
1	World Bank will conduct an In-depth Procurement and Financial Management Review of the Project and deliver Fiduciary Clinic, including Contract Management thereto.	World Bank, FPMU and SPMU	December 2-7, 2019	Completed. This was conducted in December 2019, Lagos
2	The FPMU to put in place mechanism (hiring of project Management Firm and activation of pool of expert advisors) for coordinating and supporting States in expedited project implementation	FPMU	Immediately	Process of engaging Project Management Firm ongoing, shortlists cleared by the Bank. Pool of Expert Advisors active
3	All requests from States shall be routed through the Federal Project Management Unit unless otherwise advised	SPMUs and FPMU	December 1st, 2019	Ongoing. States are routing requests through the FPMU
4	Presentation prepared for the proposed Integrated Landscape Management Project, including identifying counterpart agencies, multi-sectoral approach, and geographical focus	World Bank (Env. Global Practice)	December 20, 2019	Pending
5	FMF, FME and States in arrears	FMF, FME and States	Immediately	Discussions

	with agreed counterpart funding will provide the outstanding balances			ongoing
6	Information and statistics pertaining to EHS incidents should become part of monthly reports from SPMUs including the filled safeguards checklist (provided in Annex 8 of this aide memoire) along with reasonable evidence	World Bank, EIB, Ministry of Finance	March 30, 2020	Ongoing.
7	Conduct the Hazard/Risk Analysis for all NEWMAP active sites using the Tool shared by The World Bank and submit to the Bank a duly filled safeguards checklist (provided in Annex 8 of Aide memoire)	FPMU/SPMU	January 31, 2020	Ongoing.
8	Complete a legal review of the MIS contract to identify legal remedies (if any) against the Indian vendor and carry out a holistic review of the M&E reporting of the project	FPMU/ SPMU and Legal Department	March 15, 2020	Review completed. TOR is being finalized for upgrade, integration, hosting and migration of MIS.
9	Federal and all participating State Governments will establish an agency responsible for remedying erosion and land degradation	FPMU and States	June 2020	Enugu PMU has established Agency. Anambra House of Assembly has passed its own bill, awaiting Governor's Assent. Other States have been advised to follow suit

Progress against Actions from the Previous Missions

S/N	ACTION	RESPONSIBILITY	DUE DATE	STATUS AS AT MARCH 2020
1	States to sign Subsidiary Loan Agreements and provide Legal Opinions for the AF.	FGN/States	Immediately	Completed. States have signed SLAs and Legal Opinions
2	New project (tier 3) States to engage NGO to aid proper sensitization of the project host communities.	States	Immediately	Completed. All Tier 3 States have engaged Focal NGO.

3	The Federal Ministry of Finance in coordination with the Federal Ministry of Environment to leverage additional funds from donors such as the EIB, the ADB, Islamic Bank etc. for the proposed the proposed new operation ¹ .	FMF, FME	June 30, 2020	Ongoing
4	The Federal Ministry of Finance to issue “Procurement Letter “for the EIB co-financing for the three projects (NEWMAP, Nigeria Digital Identification for Development, and Nigeria Access to Agro Markets Project).	FMF	May 15,2019	Completed
5	Signing of contract/MoU between Antrix/ISRO and FPMU and draft MOU for NASRDA as implementing partner	FPMU	June 25, 2019	Pending. FPMU has signed. ISRO is yet to sign
6	States to hire independent consulting firms to undertake Resettlement Action Plan completion report for all 38 fully implemented plans and submit the report to the Bank	FPMU	Sept 2019	ToR for RAP audit developed and sent to the Bank. FPMU will hire an independent consulting firm to undertake Audit of all Resettlement Action Plans.
7	SPMUs to increase signage and other administrative measures to avoid incident on sites.	SPMUs	June 30, 2019	Ongoing. States are complying with this directive
8	FPMU to commence the process of hiring an international consultant to guide the process of reviewing existing road design, construction, and maintenance standards for Nigeria and developing	FPMU	June 30, 2020	TOR Cleared

¹ Nigeria Integrated Management of Semi-Arid Landscapes-P170211

	improved standards including a validation workshop			
9	FPMU and SPMUs to develop a ToR for the engagement of an International and a National Consultant to prepare a harmonized Policy for Erosion Control and Watershed Management	FPMU	June 30, 2020	ToR completed
10	The FPMU and SPMUs to hire both international and local consultant to carry out the re-evaluation of the capacity of the FPMU and States	FPMU	June 30, 2020	Procurement process ongoing
11	FPMU to produce guidance manual for Climate Change response Agenda	FPMU	June 30, 2020	Completed. Contract signed.
12	Development of Climate Smart Agricultural Guideline	FPMU	June 30, 2020	Cleared. Awaiting WB's clearance for Advert, Request Expression of Interest (REOI)

Financial Management and Procurement

Total amount disbursed currently stand at USD721,187,682.80, this is an increase from USD 684,391,122.23 as reported in November 2019. Total undisbursed amount stands at \$98,884,254.20. Disbursement percent is 81.94%. Counterpart funding stand at N13,626,293,496 which is a N1.3B increase (N500M from Oyo, N200M from Niger, N400M from Abia and 200M released by Anambra) from 12,326,293,496 earlier reported in November 2019. The 2020 NEWMAP In-house Procurement Clinic was held in January, 2020 which precedes the World Bank Procurement Clinic. With guidance provided by the Bank, activities for inclusion into the WPP were centered towards achieving Project objectives and targets of the Results Framework. Respective Draft Procurement Plans for PMUs were reviewed and cleared internally before the main Clinic. The FPMU Procurement Plan for Year 2020 has been cleared accordingly by the World Bank. This was followed by a training on the Project Procurement Strategy for Development (PPSD) where the Bank provided guidance and reviewed the Project's PPSD. Regular learning sessions conducted especially for Tier 2 and 3 States is helping to familiarize staff on the use of STEP and Accounting Tool.

Environmental and Social Safeguards

As a fallout of the GBV Workshop conducted in April 2019, contractors have signed code of conduct in Abia, Anambra, Cross River, Ebonyi, Enugu, and Kogi States. This is a document of commitment to GBV and other social responsibility compliance.

With the unfortunate fatalities of 2019 in Anambra and Ebonyi States, the World Bank and FPMU have sprung into quick action and follow-up, steps have been taken to avert such occurrences. Specifically, Anambra PMU has taken drastic action by ensuring perimeter fence in all sites, putting up signages, ensuring availability of flagmen, training and sensitization of personnel on EHS and OHS compliance. In the same vein, Ebonyi has erected perimeter fences across sites, but needs to substantially complete the fence for entire stretch of area. Abia PMU is also a reflection of good compliance to safeguard measures by ensuring adequate signages and protection barriers. On the other hand, sites in Edo State and Ikot Nkebre site in Cross River need to adequately improve on compliance to safeguard measures in the areas of erecting protective barriers, sensitizing personnel on EHS and OHS; so as to avert risks and hazards.

The establishment of GRM structures across States is aimed at reducing and resolving grievances. Focal NGOs in collaboration with communications teams are sensitizing community stakeholders on GBV and appropriate channels towards reducing complaints and incidences. As agreed during the Joint Mission in March 2019 for PMUs to strengthen GRM structures, there is renewed effort to achieve this, as well as ensuring adequate collaboration of site committees. The FPMU is following up with PMUs to ensure parallel GRMs operated by contractors and consultants will include processes to refer complaints to NEWMAP's GRM. This is in addition to the current structure where Focal NGOs are members of the GRCs at community and PMU levels, which did not exist in the early days of the Project. GRCs at the community level are made up of CA/SC and a representative from the traditional ruler. The GRM at the community levels have received some orientation/training. However, there is need for robust/adequate orientation as well as funding to cater for logistics to boost the motivation of members to attend meetings. In total, 572 cases were received, out of which 457 have been resolved and 115 unresolved.

In line with strengthening social livelihood activities to ensure sustainability of investment, PMUs are continuously being advised to take advantage of FNGOs in their respective States. The NGOs also in collaboration with communications teams have visited communities for advocacy and sensitization on restructuring of the CIGs model and livelihood activities which include Agro value chain activities, waste to wealth management, mega agro facilities, and maximum of 3 activities per site. This was highly welcomed by communities across the sites visited.

Towards ensuring adherence to guidelines on Gender-Based Violence, a retrofitting workshop was organized where safeguards, communications and procurement colleagues from States participated. The workshop became necessary due to fact that GBV is now a global issue which NEWMAP must retrofit, and due to labour influx especially from outside the communities during civil works. Individuals needed to understand the concept of GBV, so as to adopt adequate safeguard measures to prevent, reduce, and also to manage GBV issues. Deliverables of the workshop include (i) the adherence to GBV/SEA risk mitigation action plan as outlined in the ESMP (ii) community

engagement in relation to monitoring, reducing and responding to SEA/GBV risks; (iii) monitoring activities of the contractors, consultants with regards to GBV risk mitigation. Also achieved is the Action Plan with procurement attributes to address and prevent incidences of sexual exploitation, child and forced labour.

Catchment Management Plan:

A total of 31 Catchment Management Plans have been developed across States, this represent increase of 10 CMPs from the previous count of 21. In detail, 7 more we developed Ebonyi State while 3 were developed by Sokoto. States like Abia, Katsina and Kogi are concluding the development of additional CMPs. As CMPs for Ikot Anwatim and Ikot Ekpo have been approved for implementation, other SPMUs have been advised to focus on quick-wins in the implementation of the CMP, by exploring “easy-to-implement and sustainable practices” in areas of soil and water conservation including sustainable landscape management. Breakdown for development of Catchment Management Plans is as follows:

DEVELOPMENT OF CATCHMENT MANAGEMENT PLAN		
STATE	SITE	STATUS
ABIA	UMUEZEUKWU	DEVELOPED
	AMUZUKWU	DEVELOPED
	AMUDA ACHARA	DEVELOPED
	UMUDA/ UMUAGU/AMAFOR	DEVELOPED
	UMUOGELE UMUAKWU	DEVELOPED
ANAMBRA	ABAGANA	DEVELOPED
	AMACHALLA	DEVELOPED
	OMAGBA/NEW HERITAGE	DEVELOPED
	ST. THOMAS AQUINAS/NEROS PLAZA	DEVELOPED
CROSS RIVER	ATAKPA	DEVELOPED
	EDIM OTOP	DEVELOPED
	NYANGASANG	DEVELOPED
	IKOT EKPO	DEVELOPED
	IKOT AWATIM	DEVELOPED
DELTA	MIDOMA/EWEREBOR EROSION SITE	DEVELOPED
	OBOMKPA EROSION SITE	DEVELOPED
	OGBE-OKWE/UKWU-NZU EROSION SITE	DEVELOPED
	UBULU-UKU EROSION SITE	DEVELOPED
	JESSE EROSION AND FLOOD SITE	DEVELOPED
EBONYI	IYI OKWU- INT'L MARKET FLOOD SITE	DEVELOPED
	ODUNUKWE -NKALIKI -HATCHERY ROAD FLOOD SITE	DEVELOPED
	IYI UDELE FLOOD SITE	DEVELOPED
	EBIA FLOOD SITE	DEVELOPED

DEVELOPMENT OF CATCHMENT MANAGEMENT PLAN		
STATE	SITE	STATUS
	ASUMUNAGA	DEVELOPED
	OLD WATERWORKS	DEVELOPED
	OFEREKPE-AKAHUFU-ODUMOWO	DEVELOPED
ENUGU	9 TH MILE	DEVELOPED
	AJALI WATER WORKS	DEVELOPED
SOKOTO	Lugu	DEVELOPED
	Tureta	DEVELOPED
	Rafin Duma	DEVELOPED

Monitoring and Evaluation

The November 2019 Mission noticed data inconsistencies attributed to irregular data collection and reporting. The Mission therefore recommended a Data Validation Mission to States to reconcile data especially in areas of livelihood implementation according to households, RAP implementation, compliance to safeguard measures with regards to EHS, OHS, use of PPE among others. This also became necessary as the Project is working to ensure adequacy and reliability of documentation for Project closure. The Data Validation has commenced and visited 7 States of Edo, Delta, Anambra, Enugu, Ebonyi, Cross River and Abia where indepth discussions took place, data reviewed and owned by relevant officers. The Mission also visited sites to verify implementation of livelihood, engineering, and safeguard aspects of the Project. Updated Report of the Data Validation Mission is attached as Annex 2.

Another progress recorded from the November 2019 Mission recommendations is the functionality of the Management Information System which was previously inactive. On this, the Bank led discussions between NEWMAP and developers of the MIS (Synergy International Systems), and have resolved to further upgrade the System to accommodate other areas of expansion in the Project. Discussions are at final stages in this regard. For sustainability, it is expected that the System will be backed up under the NEWMAP domain, as well as migrated to the Federal Ministry of Environment (Department of Erosion Control and Coastal Zone Management).

With the expertise of GIS officers in the Project, a Geo-Database was developed to showcase Project achievement on a web map. This is to be scaled-up and integrated with the MIS for seamless data collection, analysis and reporting. Through their expertise and with the help of some trainings provided, GIS officers are exploring the use of disruptive technology to track engineering works, total area reclaimed, including the use of GIS for safeguards implementation.

With a close eye on Project closure and sustainability, the M&E Unit is working on ensuring adequate implementation of activities and tasks as indicated in the PAD and PIM. The Unit is following up with Specialists at Federal and State levels to ensure completion of activities as well as providing adequate documentation on Progress. For better reporting, data templates are continuously being harmonized and simplified to provide adequate information and evidence-based reporting. SPMUs are frequently being encouraged to ensure adequacy and reliability of information when reporting.

Strategic Communications

Towards communicating the Project effectively, the Communications Unit is improving public enlightenment through social media platforms and regular interface with media houses. Linkages include utilizing NTA, FRCN, as well as radio sessions on Kapital FM, Love FM and TVC as electronic medium, while Project's twitter handle and Facebook platform compliments the new media angle.

At State levels, Anambra, and Gombe States are conducting sensitizations and public enlightenment through radio stations in their respective States. PMU staff disseminate NEWMAP practices through dedicated slots on a weekly basis. Project Coordinators, Communication Officers, M&E, Livelihoods, Natural Resources and other Officers have collaborated to undertake this important activity. This has resulted to improved awareness on erosion control and prevention, including waste management and watershed management.

Building on the 2nd MTR recommendations, the communications unit is working on providing greater visibility for NEWMAP and ensuring the effectiveness of communications. The following are mechanisms that are being considered:

- i. Monthly airing of success story documentary and jingles in both at least two radio and TV stations;
- ii. Adequate coverage and sharing of documentaries and project activities on social media platforms;
- iii. Featuring the Project in Radio and TV environment talk shows; and

Training of communication officers was conducted to help PMUs think through effective deployment of strategic communication from a Project management point of view. Deliverables achieved include:

- i. Improved knowledge on effective communication strategies and informed steps to handling crisis (crisis communication);
- ii. Shared knowledge on the effective dissemination of results and success stories; and
- iii. Creation of Network for communication officers on World Bank assisted project to aid knowledge sharing and best practices across all World Bank Projects.



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Some activities and actions that have taken place to enhance Project visibility are as follows:

Activity	Target Audience	Objectives	Channel	Results	Indicator
a. Community Outreach on GBV and safeguard measures	Community Stakeholders	<ul style="list-style-type: none"> To sensitize community stakeholders on GBV, GRM and other safeguard issues 	Hall meeting	Two town hall meetings conducted in Anambra,	<ul style="list-style-type: none"> Targeted community participants sensitized in Anambra = 540 persons
b. Sustainable Land Use Training and support for establishment of nurseries and planting of trees and Water harvesting	Communities and line MDAs	<ul style="list-style-type: none"> To acquaint community members and line MDAs with the basic skills of nursery establishment and tree planting. Raise awareness among people on the significance of tree planting and Water Harvesting 	Hall meeting	Two town hall meetings conducted in Anambra, and Edo new sites	<ul style="list-style-type: none"> Outreach of 890 participants in Anambra 564 sensitized in Edo Targeted Communities and MDAs trained and acquainted with the knowhow of establishing nurseries and tree planting as well as water harvesting
c. Establishment and support for environmental clubs in school	Primary and secondary school pupils	<ul style="list-style-type: none"> create awareness on environmental conservation Raise tree planting consciousness among school children 	Face-to-face interaction/lectures	Conservation clubs established at Abagana Girls Secondary School, Anambra State. There are other 2 States	Conservation clubs established in targeted schools and pupils developed to catch them young on advisory services

d. Quarterly Production of IEC materials as well as newsmagazine	Government officials, Community leaders, FPMU, WB, CBOs, CSOs, General Public	<ul style="list-style-type: none"> Keep stakeholders abreast of project implementation status educate people on causes of environmental degradation, waste management etc 	Hand bills, flyers, posters, factsheet, stickers, newsmagazines etc.	<p>2000 copies (each) of the following IEC materials produced and distributed</p> <ul style="list-style-type: none"> NEWMAP Impacts Newmap social impacts Data for decision making Project Information Sheet 	<ul style="list-style-type: none"> 8000 IEC materials Produced 7,530 distributed = outreach to 7,530 persons 330 copies distributed to 22 State Government Houses on outreach 3,000 copies to States secretariats 3,000 to Federal Ministries and parastatals 1,200 copies to Climate conference in Madrid
e. Monthly E-newsletter	Government officials, Community leaders, FPMU, WB, CBOs, CSOs, researcher etc	<ul style="list-style-type: none"> Provide up-to-date information Keep government officials and other stakeholders abreast of implementation status 	Mail Chimp	FPMU Anambra PMU	Publicity to cumulative numbers of 670 persons monthly
f. Media opportunity / Advocacies	media/press	<ul style="list-style-type: none"> Establish cordial relationship with the media Give information to the media 	Press briefing	3 MEDIA Briefings and publicity in 5 media houses	<ul style="list-style-type: none"> 12/03/20 Validation Mission to States 02 /03/20 FGN /WB/ NEWMAP States SSC joint meeting 12/12/19 Visit of Dr. Simeon Ehui, WBRD for Africa on sustainable development
g. Branding: Production of promotional Materials, T-shirts, Pens, Fez caps etc	Govt Officials MDAs Communities General Public	Brand NEWMAP and raise public awareness on the project implementation.	T-Shirts Pens Face Cap etc	T-Shirts, Pens & Fez Cap produced	2,800 Promotional materials distributed to create visibility

h. Monthly broadcast on NEWMAP activities via local radio and television stations (Documentary) Radio phone in program	Community Members Politicians NGOs General Public	Raise awareness on NEWMAP activities informed community members on NEWMAP sustainable land Mgt Approach	Television Radio	Talk shows in the month of January conducted by Anambra State and two carried out by FPMU in Radio Nigeria and Hot FM	Over 9,000 Community Members enlightened on NEWMAP Objectives
i. Bi monthly news publication in at least two newspapers	Politicians General Public	Awareness Creation and buy-in	Newspaper firms	<ul style="list-style-type: none"> • Publication on Validation Mission in many <u>websites</u> and dailies 	<ul style="list-style-type: none"> • 25/03/20 <u>Authority Newspapers</u> =12,000 readership /online • 24/03/20 <u>Environ news online</u> 18,000 followership • 23/03/20 <u>Green Media Online News</u> 7,000 followership
j. Online promotion of project activities and success stories on social media platforms and website	Social media users	Increase project visibility	Website Facebook page Twitter handle	www.newmap.gov.ng NEWMAPNigeria @NEWMAP- _NIGERIA	Feedback on project implementation received

Implementation Status for Tier 2 States

Kogi State is one of the Tier II States make good progress where contract for civil works in Agassa and Adumu road sites have been signed and contractors have mobilized to site, clearing, excavation, perimeter fencing and channelization has commenced. Implementation of ESMP for Agassa and Adumu Road is on-going as civil work progresses. The OHS regulations, use of PPEs and signages are strictly adhered to on site and the Code of conduct has been signed by contractors' staff. RAP implementation has been concluded at Agassa and Adumu road while the implementation at Ozuri site is on-going. In Ozuri site, ESMP has been cleared for implementation, the bid evaluation for procurement of civil works contractor at Ozuri is undergoing the Bank review. Engineering Designs for the remaining site are at various stages: Ankpa and Ogane-aji are undergoing the Bank review, Etahi, and Ugwolawo have just been concluded by the consultant, while Omigbo is still work in progress with the design consultant. Drainages have been desilted and are regularly being maintained for free flow of rainwater. Catchment Management Plan for Adumu and Agassa is currently on-going with the draft report undergoing review by the SPMU. The bid evaluation for the procurement of a CMP consultant for the remaining intervention site namely: Ankpa, Etahi, Ogane-aji, Ozuri, Omigbo channelization and Ugwolawo are on-going. The reclamation of 40 hectares of degraded forest reserves in Okura, Oinyin and Osara sites are at 100% completion stage and has been handed over to the Ministry of Environment and Natural Resources.

In Gombe State has established woodlot/orchard plantations and other afforestation activities. 10 sites of the woodlot/orchard plantations have been completed to 100%. A total of 144, 222 plants of different species have been planted, 303 hectares completed so far. The degraded land rehabilitation involves agro-forestry where farmers are encouraged to plant crops alongside other trees on the same piece of land. Many farmers have embraced the practice and is yielding results. Gombe state NEWMAP has also established 5 nursery plantation sites to boost supply of seedling to communities and individuals. Towards ensuring sustainability of NEWMAP practices, the PMU has improved collaboration with some primary schools across the 2 intervention gully sites through the formation of conservation clubs and establishment of nurseries, this is to enable the students acquire knowledge on how to raise & plant seedlings; this also include trainings to community members, NGOs & State Government Waste Management firm towards providing effective waste management service. Furthermore, the PMU has improved collaboration with SEMA through the capacity building workshop conducted on environmental waste management & protection in May 2019. The PMU provided material support to SEMA for effective response to disaster situations. The Bank has cleared bid documents Gombe State University erosion work, the PMU has advertised for RFB. Consultants handling RAP, ESMP and CPMU for GSU and FCE sites have sent in their first draft report.

Regarding erosion control sites in Kano State (Rarin, Bulbula/Gayawa, KauyenAlu, Tudun Fulani, and Kamanda River Bank Erosion sites), evaluation of the RFP was conducted and sent to the Bank for clearance. Design for water conservation sites comprising of earth dam and minor irrigation fields at Yan sabo in Tofa Local government area is with the Bank awaiting clearance while the remaining three sites for water conservation (Dawan Kaya, Fajewa and YarTiti) is under review. In order to commence livelihood activities, Community Associations and site committees and community Interest group have been formed for 4 sites of water conservation structures and business plans were developed.

Still in Kano, draft final report for ESMP is with the Bank awaiting clearance, LNA and RAP is under review at FPMU and CMP is with consultant addressing the comments from the SPMU. Kano NEWMAP has rehabilitated 450Ha of degraded land. 190ha was planted by registered individual farmers using improved fruits bearing species such as mango, citrus, cashew, paw paw, guava and moringa among others, as well as conventional planting models of 260ha (Woodlots, water catchment, conservation of mahogany, industrial plantations and botanical garden of indigenous spp) at forest reserve areas using variety of species such as eucalyptus, neem, accasia, balanites, ceiba, tamarind, adansonia, delonix and khaya and farmer manage natural regeneration. The PMU conducted assessment and evaluation of land rehabilitation in Shanono, Bagwai and DawakinTofa LGAs. Students of Government Secondary School Adamu Ma'ajiwere engaged on educational field trip to NEWMAP priority sites, this is in line with instilling environmental practices in schools.

In Sokoto, CMPs have been developed for three (3) project sites namely; Lugu, Tureta and Rafin duma. Concept Note for Lugu Dam Rehabilitation and Associated Irrigation Scheme work has been cleared by the Bank while the consultant is working on Detailed Engineering Design and will be submitted to the Bank for No Objection. Following the Bank's clearance of Detailed Engineering Design for Tudun Wada (Mabera) storm water management works, bidding process on engaging a contractor is ongoing. For erosion control works for Durbawa site, consultant has carried out field studies and TOCCR has been submitted to FPMU for review. For Goronyo Erosion control works, consultant has carried out field studies and TOCCR has been submitted to FPMU for review. Regarding Yarbulutu River Bank Erosion control, consultant carried out field studies and about to submit TOCCR; this is same for Tureta site.

In Delta, work has commenced in Midoma site which is a long stretch of gully that has ravaged communities. RAP has been implemented in this site where 57 persons have been compensated and have judiciously used funds for improved standards of living. Catchment Management Plans for 5 sites have been developed. Grievance Redress Committees have been set up in all 5 sites; ESMP for all 5 sites have been cleared and disclosed.

In Plateau, the PMU has planted 50 hectares of trees of various species. ESMP reports for Plateau Club Bingham University, Yakubu Gowon Dam, Mangu Market Site, and Langtang Dam have been completed. Preparation of Catchment Management Plans is in progress as TORs have been cleared.

Implementation Status for Tier 3 States

Katsina State has submitted 6 CMPs developed to the FPMU for review. The PMU has planted 100 hectares at Zango and Mai'adua sites. Designs for Katsina State under Malumfashi, Katsina and Funtua town stormwater drainage management have been cleared by the Bank and the preparation of bidding documents for the storm water drainages in Malumfashi, Funtua and Katsina have been completed and submitted to the Bank and No Objection was given, bid document has been prepared and is in final stage of engaging contractors. The M&E, RAP, GIS, CMP, Livelihood, Focal NGO and ESMP consultants have been engaged. Draft reports have been submitted by RAP, GIS, CMP and Livelihood Consultants, while M&E and ESMP final reports have been submitted and cleared by the Bank. Jibia flood emergency site has been shared into phase 1 and 2 whereby phase 1 covers and

intervention for the urban drainage network for Jibia town flood control (Emergency site) the design has been complete and submitted to the Bank, clearance and No Objection was given as a result of that. The procurement process was embarked upon to engage contractors which has reached an advanced stage of completion (Electronic bid opening was conducted on 20th April, 2020 and evaluation exercise is ongoing). Discussions are ongoing to fast-track the Design of phase 2 Jibia emergency site with the FPMU. Completion of design for Jibia Emergency site, rehabilitation construction of 20No. Earth Dams with irrigation facilities, Concept Design Report has been completed and submitted to the Bank for clearance and No Objection. Design for the construction of flood and erosion control structures at 94 sites is completed and has been reviewed by the Federal Quality Control, with some comments and the comments were addressed base on the cleared Lot 2 Gora-Safana site and are now under discussion with the FPMU.

In Akwa Ibom, the main works for Etim Umana has commenced while contract for St. Lukes has been awarded; contractor had just mobilized to site. All safeguards instruments have been prepared and given “No Objection” and publicly disclosed regarding St. Luke's Hospital gully erosion site. For Etim Umana gully erosion site, all safeguards instruments have also been granted No Objection and publicly disclosed as required. For IBB Avenue & environs flood control scheme, the ESMP has been given No Objection and publicly disclosed. It is important to note that RAP had been partially implemented at Etim Umana gully erosion site to facilitate the emergency intervention that was done at the site which helped to avert an environmental devastation in the affected area. The emergency intervention at Etim Umana has proven to be a positive step taken by NEWMAP, this has averted loss of lives and infrastructure; 95 PAPs have been compensated. The SPMU and Focal NGO have conducted door to door waste management campaign, communities and LGA representatives have been sensitized. This awareness has led to increased knowledge in solving erosion and flooding problems.

In Borno, the PMU has engaged Focal NGO, and the mobilization of communities currently ongoing. The PMU is working to engage Design and Supervision Firm as well as the engagement of procurement consultant. The engagement of consultant for M&E baseline study has reached advanced stage, request for proposal has been issued. The PMU is working on the commencement of woodlot plantation.

In Niger, 6 Community Interest Groups (CIGs) have been formed in five gully erosion sites by FONGO comprising of farmer, youth, entrepreneurship and cooperative groups. In the same vein, the PMU has identified three communities for implementation of degraded land reclamation project. Draft M&E Baseline Reports have been sent to the FPMU for review. Similarly, a consultant for GIS study was engaged by SPMU, the consultant has since commenced his work. Inception, and first draft reports were submitted to SPMU and were reviewed. Early Warning Systems are expected to be installed in Niger State especially due to flood incidences in the State. In preparations, the PMU has sent letters to relevant MDAs (State MoEnv, Niger Upper River Basin Development Authority, NSEMA and NIMET) for synergy and collaboration.

Ondo State has also taken the right steps towards becoming operational. The PMU has engaged a Procurement including State Engineering Firm, work is ongoing to finalize designs and other engineering instruments. The PMU is pushing in on consultancies, the PMU has awarded afforestation activities and is raising nurseries for planting.

Establishment of NEWMAP Agency at Federal and State levels:

Enugu has established the Enugu State Erosion and Watershed Management Agency (ESEWMA). In Anambra, a sustainability strategy has been put in place and passed by the Anambra State House of Assembly for the establishment of an Erosion Control Agency that will be called *Agency for Erosion, Watershed and Climate Change* to continue combating Erosion and Climate Change. A committee has been formed in Katsina State to drive the establishment of the Agency. Discussions are in progress regarding the establishment of NEWMAP Agency at the Federal level.

Orientation Workshop for members of Steering Committee and Technical Committees

As one of the critical agreed actions from the 2nd MTR, an orientation workshop took place for members of State Steering and Technical Committees. It should be noted that there are frequent changes of Commissioners and Permanent Secretaries of Environment, who serve as Heads of the State's Steering & Technical Committees arising from regime changes in many of the NEWMAP Participating States. Deliverables achieved is that Chairmen of Technical and Steering committees are now more informed of NEWMAP procurement processes, and have better understanding of the PDO. Other deliverables achieved is that the need to step-up publicity and awareness programmes was emphasized, as well as the need to quicken procurement processes and reduce long delays in granting No Objections. The importance of releasing counterpart funds was also stressed as one of the critical factors affecting project implementation progress in some States.



NEWMAP National Project Coordinator receiving award for Best Project in FY19

NEWMAP Results Framework
PDO Indicators by Objectives / Outcomes

PDO: To reduce vulnerability to soil erosion in targeted sub-watersheds				
Targeted gully complexes and other erosion sites treated with 100% of planned measures for targeted sub-watersheds (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21.00	21.00	55.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	21 sites have been treated with 100% of planned measures ranging from slope stabilization, planting of grasses and trees, construction of drainages, road rehabilitation, earthworks, e.t.c.			
Targeted gully complexes and other erosion sites with reduced severity level after treatment (Number)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	29.00	33.00	55.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	33 sites have achieved at least 50% of works and have reduced in severity, this is an increase from 29 sites. The 4 more sites include Ebia River, Iyiokwu Abakaliki International Market, Udi Ozalla and Abidi Imoji			
Area under bio-remediation in targeted sub-watersheds (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,235.96	1,434.79	400.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	There is 198 hectares increase from 1,235.96 to 1,434.79 hectares due to bio-remediation in Abia sites, including 100 hectares in Katsina, 50 hectares in Kano, 20 hectares in Sokoto, leading to further rehabilitation of degraded forest reserves. Bio-engineering is a major focus in the Project, and is embedded in all designs. Activities cut across the Northern States, in addition to bio-engineering done when sites have been completed in Southern States.			
Land area under sustainable landscape management practices (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,722.41	2,222	400.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	A total of 2,222 hectares have been reclaimed as compared to 1,722 hectares reported in November 2019. This represent increase of 499 hectares majorly from increment in Ebonyi State (155 hectares from Ebia River, Odunukwe and Iyioukwu international Market) and Edo State (32 hectares from Queen Ede and Ibore sites). The same 499 increment also include afforestation activities in Kano (increment of 50 hectares), Katsina (increment of 100 hectares) and Sokoto (increment of 20 hectares), Gombe			

	(increment of 10 hectares), as well as ongoing works in sites across Anambra and Enugu States.			
Net Greenhouse Emissions (tones CO2 annually) (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	-2,411.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	Being a corporate result indicator, the indicator is focused on reducing greenhouse emissions especially linked to bio-remediation activities in targeted sub-watersheds.			
Intermediate Outcomes and Indicators				
Component 1. Erosion and Watershed Management Infrastructure Investments				
Intermediate result 1.1. Erosion and watershed Management Improved				
Targeted land treated for erosion with selected measures in targeted sub-watersheds (ha)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,722.41	2,222	20,000.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	2,222 hectares have been reclaimed which is as a result of civil works and bio-remediation, including setbacks measured.			
Component 2: Erosion and Watershed Management Institutions and Information Services				
Spatial Knowledge Management Information System on erosion and watersheds operational (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	1.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	Process to implement Spatial management Information System has been ongoing. FPMU has signed MOU, ISRO yet to sign.			
Upgraded and newly installed stations providing data for integrated catchment planning (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	71.00	75.00	100.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	This activity have been cleared for States to implement. Currently, a total of 75 stations have been installed (61 hydrological and meteorological stations, 10 AFEWs and 4 underground water monitoring boreholes). Breakdown comprise of 7-Automatic Weather Observation Systems (AWOS), 12-Agromet systems and 39-Manual and automatic hydrological stations for surface water monitoring have been installed and/or rehabilitated in the Anambra-Imo River Basin Development Authority (AIRBDA) and Cross-River Basin Development Authority (CRBDA); installation of 3No. Telemetry systems (Data Collection Platforms) for flood monitoring and flood forecasting. The installations also include 10 Automated Flood Early Warning			

	Systems installed across River Basin Development Authorities, and 4 underground water monitoring boreholes. This is towards strengthening the enabling environment and in line with providing information services.			
City storm water master plans developed which are informed by climate projections of increased rainfall intensity and risk assessments (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	2.00	3.00	3.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	Abakaliki Stormwater Master Plan has been completed, same for Anambra Storm Water Master Plan. Edo already had an existing Stormwater Master Plan. Anambra's document has been disclosed and disseminated to the Anambra State Ministry of Environment, State Ministry of Works, State Ministry of Public Utilities, Ministry of Lands, Anambra State Waste Management Authority (ASWAMA) amongst others. Stakeholders are utilizing the Plan. Progress is made regarding Aba Master plan in Abia State.			
EIA guidelines developed for targeted investment types that affect erosion (road cross drainage, urban water supply and drainage) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	ToR has been submitted for the development of this EIA guideline			
National Centers of Excellence in erosion control established, operational and functional (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	27-Jun-2018	November 2019	March 2020	30-Jun-2021
Comments:	Discussions are in place for UNILAG, FUTO and NASRDA to become National Centres of Excellence, they are to operate as world class training centers that will positively impact on environmental sustainability and social inclusion in the West-Central Africa region. This will be achieved by equipping participants with innovative and cross-cutting knowledge/skills for environmental and social compliance in both public and private sectors. For UNILAG, curriculum is to be developed, while providing tools and operational support.			
States with improved erosion risk mapping (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	13.00	16.00	19.00
Date	27-Jun-2018	November 2019	March 2020	30-Jun-2021
Comments:	Improved erosion risk mapping was earlier done in 13 States namely: Abia, Anambra, Cross River, Edo, Enugu, Ebonyi, Imo, Akwa Ibom, Delta, Kogi, Plateau, Kano and Sokoto States. 3 more States are Ondo, Katsina and Gombe.			

Community Interest Group collecting municipal solid waste in project intervention areas (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	50.00
Date	27-Jun-2018	November 2019	March 2020	30-Jun-2021
Comments:	1 CIG has been formed and functional at Nguzu Edda, Ebonyi State. Kogi has formed 18 CIGs for waste collection but are yet to be functional (CAP is being reviewed). Other States are gearing up on this. This indicator has been added to focus on solid waste collection in communities.			
Participatory sub-watershed Management plans developed under the Project for targeted erosion affected sub-watersheds (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21.00	31.00	38.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	10 more CMPs have been developed in Ebonyi (7) and Sokoto (3) to make 31 CMPs. This is an increase from previous count of 21 CMPs earlier developed in Cross-River (5), Abia (5) Anambra (4), Enugu (2) and Delta (5).			
People receiving project-supported advisory support services in integrated land/water management practices, planning, and/or monitoring under the Project (of which 40% female) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	144,215	165,525	90,000.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	The total figure for this indicator stands at 165,525 (57.7% Male and 42.2% Female) persons who have received Project advisory services. This has improved knowledge in areas of erosion control, rain water harvesting, sustainable farming approaches, waste management among others. This also include staff of MDAs whose knowledge have been enhanced, as well as improved expertise on soil and water conservation, which is an integral aspect in line with implementing catchment management plans. This figure is an increase from 144,215 previously reported which were majorly recorded in Anambra, Imo, Abia, Cross River, Edo, Ebonyi and Kogi States.			
Households benefitting from livelihoods enhancement activities under the Project (of which 40% female) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,318.00	12,417	12,000.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	12,417 households have benefitted from livelihood enhancement activities. This figure is a combination of households where CIG activities have been implemented (4,360), and then households that have benefitted from distribution of clean cook stoves (8,057). Beneficiaries of CIGs have benefitted from sub-grants and are into			

	businesses such as livestock farming, tailoring, production of insecticides, plant nurseries, gabion box welding, block molding, renting of chairs and canopy (done by physically challenged, palm oil production and processing, trading e.t.c.			
Packages with detailed design for treatment of gully complexes and erosion sites in targeted subwatersheds prepared under the project that have received WBG No-Objection but not financed by NEWMAP (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	27-Jun-2018	November 2019	March 2020	30-Jun-2021
Comments:	This indicator tracks detailed design packages that will be left for Government to carry on erosion control beyond NEWMAP closure.			
Component 3: Climate Change Response				
Technical reports/ guidelines on promoting low carbon development or enhancing climate resilience completed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	7.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	6 reports completed on promoting low carbon development or enhancing climate resilience (i) NAMAS Report (National Appropriate Mitigation Actions on Climate Change) (ii) Off-Grid Solar Power Feasibility Study Report (iii) Climate data Management System Report (iv) Baseline Survey of Clean Cook Stoves (v) Report for installation of Low Carbon Bakery in Jigawa State (vi) LPG as a Low Carbon alternative to Firewood and Kerosene.			
Climate adaptation /low carbon demonstration projects completed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	5.00	10.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	5 demonstration projects include distribution of (i) Bio-ethanol gel stove (ii) Wood Efficient Stove (iii) Briquettes Stove (iv) Institutional Cook Stoves and installation of (v) Fuel Efficient Bakery in Jigawa State. Plans are ongoing to scale-up demonstration projects to achieve the target.			
Development and Issuing of Green Bond Phases (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2:00	2:00	1.00
Date	27-Jun-2018	November 2019	March 2020	30-Jun-2021
Comments:	1 st Green Bonds issuance led to afforestation and Energizing Education (renewable energy/solar installation) projects across the country. 2 nd Green Bonds issuance was rolled out in May 2019, focusing on 5 Sectors/Ministries – Power, Agriculture, Transport, FCT and Water Resources. The indicator has been added to reflect realistic achievement of green bond development under the project. The Green Bond has led to investments for new and existing projects with environmentally sustainable benefits, and those that have the capacity to meet Nigeria's NDC targets of 20%			

	emission reduction by 2030.			
Component 4: Project Management				
Reports produced on project progress at federal and State levels (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	19.00	19.00	18.00
Date	08-May-2012	November 2019	March 2020	30-Jun-2021
Comments:	19 States submitting progress reports.			

NEWMAP Additional Financing

Due to the increased participation of States, the NEWMAP Additional Financing became necessary. The NEWMAP Additional Financing is now effective. States have signed respective Subsidiary Loan Agreements and Legal Opinions, they have also adopted the revised PIM. Several aspects reviewed include institutional arrangement, staffing, approval limits, procurement and procedures for evaluation, communication, supervision mission and implementation support, staff discipline and performance allowance. The NEWMAP Additional Financing is to scale-up successful gully restoration and watershed management activities which have being undertaken under the NEWMAP Parent Project.

The NEWMAP AF takes into consideration lessons that have been learnt from implementation experience over the years and as such, build on appropriate measures that will ensure full implementation especially within new States. Most importantly, it is also about putting in place effective mechanisms for sustainability and ownership after Project closure. The Additional Financing is in the range of USD 400 Million (USD 300 Million from IDA 18 and USD 100 Million from IDA 18 Scale-Up Facility).

Conclusion, Challenges and Recommendations

With very limited time before Project closure, all efforts should be towards achieving more results and impact, as well as sustainability. The following are key recommendations:

States should deepen collaboration with State MDAs, LGA and community stakeholders to ensure sustainability; all aspects of the Project should be entrenched. Focal NGOs should continue to sensitize community members on importance of environmental sustainability and consequences of actions leading to environmental problems.

The Project should continue to intensify efforts towards ensuring compliance to safeguard measures in order to prevent hazards, risks while assuring that EHS and OHS measures are standardized at sites. Workers and community members should on a continued basis be sensitized on this. In the same vein, efforts should continue towards preventing Gender-Based Violence and strengthening of GRMs.

SPMUs should fast track the process of forming waste management CIGs to curb problems of community waste and dumping of waste at site. The Project should also intensify efforts to ensure that the CIGs are functional and sustained.

The Project should also intensify efforts to adequately complete pending activities and tasks especially with regards to achieving indicators in the Result Framework; while adequately documenting achievements for Project closure.

While there is limited implementation of Catchment Management Plans, SPMUs should explore quick-wins within these CMPs in areas of soil and water conservation.

To reverse the weak synergy with some MDAs, NEWMAP should intensify efforts to adequately put in place standard guidelines for design, construction and maintenance of roads and drainages. This is to be achieved with great contribution from stakeholders at the Federal and State levels. Specifically, the Federal Ministry of Works should be brought back to the table for discussions on this critical aspect. Similarly, NEWMAP should speed up discussions with Federal Ministry of Environment to put in place a harmonized policy for Erosion Control and Watershed Management.

Special attention should be given to Tier 2 and 3 States considering the fact that Project implementation within these States are at early stages, activities in these States need to be fast-tracked. The Project should continue to improve communication mechanisms, which will allow the Project to adequately showcase NEWMAP's impact on the lives of people affected by land degradation and other environmental problems. It is advised that States should commission and hand over sites that have been completed. For this to happen, States are strongly advised to put in place adequate ownership, maintenance and sustainable measures for much greater gains after NEWMAP.

Training of staff has no doubt enhanced knowledge and capacity building. Further training and re-training of Project staff is essential towards ensuring effective and adequate tracking of Project

implementation. This is very important to the success of the Project. Towards ensuring sustainability of the Project, improved focus should be channeled to achieving the objectives of Component 2 through institutionalizing NEWMAP practices at Federal, State and Local Government levels.

In conclusion, NEWMAP has been responding to erosion and land degradation problems over the past years. Investments made have resulted to positive impact within and outside the affected communities. Capacity building, experience sharing and exposure to new innovations also contributed to Project success. The relationship between Federal and State Governments is very mutual and cordial. Increased cooperation and synergy between the Bank Team and PMUs at Federal and State levels have proven to be the game changer towards implementation successes in NEWMAP. Federal and State Authorizing Environments partake in Project implementation, community members are involved in planning and implementation processes, which demonstrates inclusiveness while assuring better results, greater impact and sustainability.

Annex 1: Status of Safeguards Instruments

ESMP							
STATE	SITE	CLEAR ED/ UNDER REVIE W	DISCLO SED	DISCLOS URE DATE	INFOSHO P DISCLOS URE DATE	RE- DISCLOS URE DATE	IMPLEMENTA TION STATUS
ABIA	AMUDA ACHARA	Cleared	Disclosed	28 th September – 26 th October, 2015	19 th January, 2016		Implemented
	UMUEZEUKWU	Cleared	Disclosed	28 sept to 26 th Oct 2015	19 th January 2016	-----	Implemented
	Amuda-Achara (First Phase)	Cleared	Disclosed	28 th sept to 26 th oct 2015	19th January 2016	-----	Implemented
	Amuda-Achara (Second Phase)	Cleared	Disclosed	28 th sept to 26 th oct 2015	19th January 2016	-----	On going
	Amuzukwu (First Phase)	Cleared	Disclosed	28 th Sept to 26 th oct 2015	19th January 2016	-----	Implemented
	Amuzukwu (Second Phase)	Cleared	Disclosed	28 th Sept to 26 th oct 2015	19th January 2016	-----	Ongoing
	Umuogele Umuakwu	Cleared	Disclosed	29 th Nov to 27 th Dec 2017	29 th Nov 2017	-----	Implemented
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU	Cleared	Disclosed	29 th Nov to 27 th Dec 2017	29 th Nov 2017	-----	Implemented
	Umuagbai	Cleared	Disclosed	17 th sept to 25 th Oct 2018	----- -----	-----	Civil Works yet to Commence and ESMP Implementation

	Uratta	Cleared	disclosed	17 th sept to 25 th Oct 2018	----- ---	-----	Civil Works yet to Commence and ESMP Implementation
	Dodds Uzuakoli	Cleared	Not Disclosed	----- ---	----- -	-----	----- ----
	Ndiegoro	Cleared	Not disclosed	-----	----- ---	-----	----- ---
	Ifeobara	Draft Final with WB	Not disclosed	-----	----- ---	-----	-----
AKWA IBOM	ETIM UMANA	Cleared	Disclosed	28th November - 26th December, 2017			Ongoing
	ST LUKE'S HOSPITAL, ANUA	Cleared	Disclosed	28th November - 26th December, 2017			Ongoing
	IBB AND ITS ENVIRONS	Cleared	Disclosed	29th July - 28th August, 2019			Yet to be Implemented
ANAMB RA	ST. THOMAS AQUINAS/NERO S PLAZA	Cleared	Disclosed	3 rd to 31 st December, 2014	9 th March, 2018		Implementation Completed with the civil works
	ABAGANA	Cleared	Disclosed	3 rd to 31 st December, 2014	9 th March, 2018		Implementation Ongoing with civil works
	AMACHALLA	Cleared	Disclosed	3 rd to 31 st December, 2014	9 th March, 2018		Implementation Completed with the civil works
	OMAGBA	Cleared	Disclosed	3 rd to 31 st December, 2014	12 th April, 2018		Implementation Ongoing with civil works

UGAMUMA-OBOSI	Cleared	Disclosed	18 th January, 2017	13 th July, 2017		Implementation Ongoing with civil works
ENUGWU-UKWU	Cleared	Disclosed	18 th January, 2017	13 th July, 2017		Implementation Ongoing with civil works
IKENGA-OGIDI	Cleared	Disclosed	18 th January, 2017	13 th July, 2017		Implementation Ongoing with civil works
ABIDI-UMUOJI	Cleared	Disclosed	18 th January, 2017	29 th January, 2017		Implementation Ongoing with civil works
NKPOR-FLYOVER	Cleared	Disclosed	19 th November-19 th December, 2017	9 th March, 2018		Implementation Ongoing with civil works
IRE-OBOSI	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Implementation Ongoing with civil works
NNEWICHI	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Implementation Ongoing with civil works
OJOTO	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Implementation Ongoing with civil works
FEDERALHIGH COURT/EKWUE ME SQUARE - PALLIATIVE	Cleared	Disclosed	19 th March, 2018	28 th March, 2018		Implementation Completed with the palliative phase of civil works. Will continue with fullscale interventions at the site
OMAGBA DOWNSTREAM	Cleared / October 3, 2018	Disclosed	12 th , August, 2019	12 th August, 2019		Implementation yet to commence
AGULU-NANKA-OKO	Cleared 18/6/2019	Disclosed	12 th August, 2019	12 th August, 2019		Implementation yet to commence

	FEDERALHIGH COURT/EKWUE ME SQUARE - FULL INTERVENTION	Cleared 30 th Jan, 2020	Not Yet	-	-		Implementation yet to commence
CROSS RIVER	NYANGASANG	Cleared	Disclosed	18th Aug, 2014	18TH Aug, 2014	NIL	Implemented
	ATAKPA	Cleared	Disclosed	19th Aug, 2014	19th Aug, 2014	NIL	Implemented
	IKOT EKPO	Cleared	Disclosed	20th Aug, 2014	20th Aug, 2014	NIL	Implemented
	IKOT ANWATIM	Cleared	Disclosed	23rd Sept, 2015	23rd Sept, 2015	NIL	Implemented
	LEMNA/FED. AGRIC	Cleared	Disclosed	27th Nov, 2017	27th Nov, 2017	NIL	Implemented
	IKOT NKEBRE	Cleared	Disclosed	28th Nov, 2017	27th Nov, 2017	NIL	On-Going
	EDIM OTOP	Cleared	Disclosed	18th Aug, 2014	18th Aug, 2014	NIL	Not Yet Implemented
	IKOT UDUAK	Cleared	Disclosed	2nd July, 2018	2nd July, 2018	NIL	Not Yet Implemented
	IGABA-OBUDU	Cleared	Disclosed	30th July, 2019	30th July, 2019	NIL	Not Yet Implemented
	IKOT EFFANGA MKPA	Cleared	Disclosed	30th July, 2019	30th July, 2019	NIL	Not Yet Implemented
	ITATE - OKUKU	Cleared	Disclosed	30th July, 2019	30th July, 2019	NIL	Not Yet Implemented
DELTA	MIDOMA	Cleared	Disclosed	10th October 2018 to 13th November 2018			Under Implementation
	UBULU-UKU	Cleared	Disclosed	26th Sept.- 24th October 2019			Not yet
	OBOMKPA	Cleared	Disclosed	23rd July- 21st Aug 2019			Not yet
	JESSE	Cleared	Disclosed	23rd July- 21st Aug 2019			Not yet
	NKWU-NZU	Cleared	Disclosed	26th Sept.- 24th October 2019			Not yet

EBONYI	NGUZU EDDA	Cleared	Disclosed	15th Dec- 12th Jan 2015	15 th December, 2015	NA	Implemented
	EBIA RIVER	Cleared	Disclosed	4th October-1st November, 2016	12 th April, 2018	NA	Implemented
	IYIOKWU ABAKALIKI - INT'L MARKET	Cleared	Disclosed	6th March- 3rd April, 2017	13 th March, 2017	NA	Implementation is ongoing
	IYIUDELE RIVER	Cleared	Disclosed	4th October-1st November, 2016 4th October-1st November, 2016 4th October-1st November, 2016	4 th October, 2016	NA	Implementation is ongoing
	ODUNUKWE - NKALIKI - HATCHRY ROAD	Cleared	Disclosed	4th October-1st November, 2016	4 th October, 2016	NA	Implementation is ongoing
	ASU UMUNNAGA	Cleared	Disclosed	4 th October- 1 st November, 2016	4 th October, 2016	NA	Civil work has not commenced
	OLD WATERWORKS	Cleared	Disclosed	4 th October- 1 st November, 2016	4 th October, 2016	NA	Civil work has not commenced
	OFEREKPE - AKAHUFU- ODUMOWO	Cleared	Disclosed	4 th October- 1 st November, 2016	4 th October, 2016	NA	Civil work has not commenced
EDO	Environmental and Social Management Plan for Ekehuan Gully erosion site in Benin - city, Edo state	Cleared	Disclosed	18th August- 15th September, 2014	9 th March, 2018		Implemented

	Environmental and Social Management Plan for Oshiobugie gully erosion site in Auchi, Edo state	Cleared	Disclosed	22nd January-19th February, 2016	1 st June, 2014		Implemented
	Environmental and Social Management Plan for Queen Ede gully erosion site in Benin city, Edo state	Cleared	Disclosed	22nd January-19th February, 2016	1 st October, 2014		Implemented
	Environmental and Social Management Plan for Ewu gully erosion site in Esan Central LGA of Edo State Nigeria	Cleared	Disclosed	27th November-25th December, 2017	30 th November, 2017	29th November-27th December, 2017	Implementation ongoing
	Environmental and Social Management Plan for Urora flood site in Ikpoba-Okha LGA, Edo State	Cleared	Disclosed	27th November-25th December, 2017	30 th November, 2017	29th November-27th December, 2017	Implementation ongoing
	Environmental and Social Management Plan for Fugar gully erosion site in Edo State Nigeria	Cleared	Disclosed	28th January-26th February, 2019			Implementation ongoing
	Environmental and Social Management Plan for Igbei gully erosion site in Edo State Nigeria	Cleared	Disclosed	28th January-26th February, 2019			Implementation ongoing
	Environmental and Social Management Plan for the erosion gully site at Ibore, Edo State	Cleared	Disclosed	27th November-25th December, 2017	30 th November, 2017	29th November-27th December, 2017	Implementation ongoing
	Environmental and Social Management Plan (ESMP) for Gapiona Flood Site in Oredo LGA, Edo State	Cleared	Disclosed	27th November-25th December, 2017	30 th November, 2017	29th November-27th December, 2017	Implementation ongoing

	Environmental and Social Management Plan for Emu gully erosion site in Edo State Nigeria	Cleared/	Disclosed	28th January-26th February, 2019			Implementation ongoing
	Environmental and Social Management Plan for Edo College	Cleared	Disclosed	Sept. 25th – Oct.24th 2019			Implementation ongoing
	Environmental and Social Management Plan for Ambrose Ali University	Cleared	Disclosed	Sept. 25th – Oct.24th 2019			Implementation ongoing
	Environmental and Social Management Plan for Ogiso Osunde	Cleared	Disclosed	Sept. 25th – Oct.24th 2019			
	Environmental and Social Management Plan for Iguosa	under Review by SPMU	Not Applicable				
	Environmental and Social Management Plan for Ugboha	under Review by SPMU	Not Applicable				
Enugu	9TH MILE	Cleared	Disclosed	12-Jan-19	12-Jan-19	9-Feb-19	Implemented
	AJALI	Cleared	Disclosed	12-Jan-19	12-Jan-19	10-Feb-19	Implemented
	UMUAVULU ABOR	Cleared	Disclosed	Sept 11,2018	Sept 11,2018	2-Oct-18	On-going
	UDI-OZALLA	Under Review					On-going
	ENUGU NGWO	Cleared	Disclosed	29-Nov-17	29-Nov-17	27-Dec-17	On-going
	AGBAJA NGWO	Cleared	Disclosed	29-Nov-17	29-Nov-17	27-Dec-17	On-going
KOGI	AGASSA	Cleared on 2nd Oct. 2018	Disclosed	13th November - 11th December 2018	23rd November, 2018		Implementation is on-going
	ADUMU ROAD	Cleared on 13th June, 2018	Disclosed	13th November - 11th December 2018	23rd November, 2018		Implementation is on-going

	OZURI	Cleared on 3rd Oct. 2018	Disclosed	13th November - 11th December 2018	23rd November, 2018		Implementation is yet to commence, civil works has not began.
IMO	Umueshi	Cleared	Disclosed	22nd January- 19th February, 2015			Implementation is On-going
	Iyuzo-Ihioma/Ogberuru	Cleared	Disclosed	22nd January- 19th February, 2015			Implementation is On-going
	Ezialla-Obizi	Cleared	Disclosed	22nd January- 19th February, 2015			Implementation is On-going
	Urualla	Cleared	Disclosed	22nd January- 19th February, 2015			Implementation is On-going
	Umunumu-Ibeafor	Not Cleared	Not Disclosed				
	Umueze-Obazu-Mbieri	Not Cleared	Not Disclosed				
Kastina	Katsina Town	Cleared	Not Disclosed	Not yet			Not yet
	Funtua Town	Cleared	Not Disclosed	Not yet			Not yet
	Malumfashi Town	Cleared	Not Disclosed	Not yet			Not yet
	Jibia Town	Cleared	Not Disclosed	Not yet			Not yet
Kano	Yar titi in Shanono	Cleared	Not Disclosed	Not yet			Not yet
	Yan Sabo in Tofa	Cleared	Not Disclosed	Not yet			Not yet
	Dawan Kaya in Majoda	Cleared	Not Disclosed	Not yet			Not yet
	Fajwa in Takai LGA	Cleared	Not Disclosed	Not yet			Not yet
Plateau	Munchogopyeng	Cleared	Not yet				

	Mangu Market	Cleared	Not yet				
	Plateau Club-Bingham University	Cleared	Not yet				
	Lantang	Under review					
	Yakubu Gowon	Cleared	Not yet				
Sokoto	Tudun Wada Mabera	Under Review					

SUMMARY OF ESMP							
S/N	State	Total number	Cleared	Disclosed	Bank Cleared but not disclosed	Under review with WB	Under review with Client
1	Abia	10	9	7	2	1	0
2	Anambra	16	16	15	1	0	0
3	Akwa Ibom	3	3	3	0	0	0
4	Cross River	11	11	11	0	0	0
5	Delta	5	5	5	0	0	0
6	Ebonyi	8	8	8	0	0	0
7	Edo	15	13	13	0	0	2
8	Enugu	8	5	5	0	0	3
9	Kano	4	0	0	0	4	0
10	Kastina	4	4	0	4	0	0
11	Kogi	4	3	3	0	0	1
12	Imo	4	4	4	0	0	0
13	Plateau	5	4	0	4	0	1
14	Sokoto	1	0	-	-	1	0
Total		98	85	74	11	6	7

RAP UPDATE								
STATE	SITE	TYPE OF INSTRUMENT	CLEARED/ UNDER REVIEW	DISCLOSED	DISCLOSURE DATE	INFOSHOP DISCLOSURE DATE	RE-DISCLOSURE Date	IMPLEMENTATION STATUS
ABIA	UMUEZEUKWU	RAP	Cleared	Disclosed	28th September – 26th October, 2015	19th January, 2016	.....	Implemented
	UMUEZEUKWU ADDENDUM	RAP	Cleared	Disclosed	17th sept to 15 th Oct 2018	----- -	-----	Implemented
	AMUDA ACHARA	RAP	Cleared	Disclosed	28th September – 26th October, 2015	19th January, 2016	.....	Implemented

	AMUZUKWU	RAP	Cleared	Disclosed	28th September – 26th October, 2015	19th January, 2016	.....	Implemented
	AMUZUKWU ADDENDUM	RAP	Cleared	Disclosed	17th sept to 15 th Oct 2018		-----	Implemented
	UMUOGELE UMUAKWU	RAP	Cleared	Disclosed	29th November - 27th December 2017	29th November 2017	.....	Implemented
	UMUOGELE UMUAKWU ADDENDUM	RAP	Cleared	Disclosed	17th sept to 15 th Oct 2018		-----	Implemented
	UMUAGBAI	RAP	Cleared	Disclosed				Implementation ongoing
	URATTA	RAP	Cleared	Disclosed	17th September - 25th October 2018		.....	Implementation ongoing
	DODDS UZUAKOLI	RAP	Cleared	Not Disclosed	.....	.....	.....	.....
	NDIEGORO	RAP	Under review by WB	Not Disclosed				.....
	IFEOBARA	RAP	Under review by WB	Not Disclosed	.....	.....	.....	.....
	UMUAGU IBEKU /UMUDA & AMAFOR ISINGWU	RAP	Cleared	Disclosed	29th November - 27th December 2017	29th November 2017	.....	Implemented
	UMUAGU IBEKU /UMUDA & AMAFOR ISINGWU (FIRST ADDENDUM)	RAP	Cleared	Disclosed	4 th Jan. 2018 to 1 st Feb. 2018		-----	Implemented
	UMUAGU IBEKU /UMUDA & AMAFOR ISINGWU (SECOND ADDENDUM)	RAP	Cleared	Disclosed	13 th Jan. 2020 to 10 th Feb. 2020		-----	Implemented
AKWA IBOM	ETIM UMANA	RAP	Cleared	Disclosed	28th November - 26th December, 2017			Implemented
	ST LUKE'S HOSPITAL, ANUA	RAP	Cleared	Disclosed	28th November - 26th December, 2017			Implemented
	IBB AND ITS ENVIRONS	RAP	Cleared	Disclosed	11th March 2020 - 8th April 2020			Yet to be Implemented
ANAMBR A	ST. THOMAS AQUINAS/NEROS PLAZA	RAP	Cleared	Disclosed	3rd to 31st December, 2014	9 th March, 2018		Implemented

	ABAGANA	RAP	Cleared	Disclosed	3rd to 31st December, 2014	5 th June, 2014		Fully Implemented
	AMACHALLA	RAP	Cleared	Disclosed	3rd to 31st December, 2014	9 th March, 2018		Fully Implemented
	OMAGBA	RAP	Cleared	Disclosed	3rd to 31st December, 2014	9 th March, 2018		Fully Implemented
	UGAMUMA-OBOSI	ARAP	Cleared	Disclosed	18 th January, 2017	19 th January, 2017		Under Implementation
	ENUGWU-UKWU	RAP	Cleared	Disclosed	18 th January, 2017	19 th January, 2017		Implemented
	IKENGA-OGIDI	RAP	Cleared	Disclosed	18 th January, 2017	19 th January, 2017		Implemented
	ABIDI-UMUOJI	ARAP	Cleared	Disclosed	18 th January, 2017	19 th January, 2017		Implemented
	NKPOR-FLYOVER	RAP	Cleared	Disclosed	19 th November-19 th December, 2017	9 th March, 2018		Under Implemented
	IRE-OBOSI	RAP	Cleared	Disclosed	19 th November-19 th December, 2017	9 th March, 2018		Under Implementation
	NNEWICHI	RAP	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Fully Implemented
	OJOTO	RAP	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Under Implemented
	OMAGBA	SUPPLEMENTARY RAP	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Fully Implemented
	AMACHALLA	SUPPLEMENTARY RAP - GRM	Cleared	Disclosed	27 th November-26 th December, 2017	9 th March, 2018		Fully Implemented
	ABAGANA	SUPPLEMENTARY RAP	Cleared	Disclosed				Under Implemented
	OMAGBA DOWNSTREAM	ARAP	Cleared	Yet to	Yet to	Yet to		Not Implemented
	FEDERALHIGH COURT/EKWUEM E SQUARE - PALLIATIVE	ARAP	Cleared	Disclosed	19 th March, 2018	28 th March, 2018		Fully Implemented
	AGULU-NANKA-OKO	RAP	Cleared	Not Disclosed	Yet to	Yet to		Not Implemented
	FEDERALHIGH COURT/EKWUEM E SQUARE - FULL INTERVENTION	RAP	Cleared	Not Disclosed	Yet to	Yet to		Not Implemented
CROSS RIVER	NYANGASANG	RAP	Cleared	Disclosed	18th Aug, 2014	18TH Aug, 2014	NIL	Implemented

	ATAKPA	RAP	Cleared	Disclosed	18th Aug,2014	18th Aug, 2014	NIL	Implemented
	IKOT EKPO	RAP	Cleared	Disclosed	18th Aug, 2014	18th Aug, 2014	NIL	Implemented
	IKOT ANWATIM	RAP	Cleared	Disclosed	23rd Sept, 2015	23rd Sept, 2015	NIL	Implemented
	LEMNA/FED. AGRIC	RAP	Cleared	Disclosed	28th June 2017	28th June, 2017	NIL	On-Going
	IKOT NKEBRE	RAP	Cleared	Disclosed	28th June 2017	28th June, 2017	NIL	On-Going
	EDIM OTOP	RAP	Cleared	Disclosed	18th Aug, 2014	18th Aug, 2014	NIL	Implemented
	IKOT UDUAK	RAP	Cleared	Disclosed	NIL			Not yet
	IGABA-OBUDU	RAP	Cleared	Disclosed	NIL			Not yet
	IKOT EFFANGA MKPA	RAP	Cleared	Disclosed	NIL			Not yet
	ITATE - OKUKU	RAP	Cleared	Disclosed	NIL			Not yet
DELTA	MIDOMA	RAP	Cleared	Disclosed	20th August 2019 -17th September 2019			Under Implementation
	MIDOMA	RAP ADDENDUM	Cleared					
	Ubulu - Uku	RAP	Cleared	Disclosed	10th Sept.-9th October 2019			Not yet
	Obomkpa	RAP	under Review by the Bank	Not Disclosed	NA			Not yet
	Jesse	RAP	under Review by the Bank	Not Disclosed	NA			Not yet
	Nkwu - Nzu	RAP	Cleared	Disclosed	10th Sept.-9th October 2019			Not yet
EBONYI	NGUZU EDDA	RAP	Cleared	Disclosed	15th Dec-12th Jan 2015	15 th December, 2015	NA	Implemented
	EBIA RIVER	RAP RAP Addendum	Cleared	Disclosed	4th October-1st November, 2016 *1st June–29th June, 2018	12 th April, 2018	NA	Implementation is ongoing
	IYIOKWU ABAKALIKI - INT'L MARKET	RAP RAP Addendum	Cleared	Disclosed	6th March-3rd April, 2017 *2nd May–30th May, 2018	13 th March, 2017	NA	Implementation is ongoing
	IYIUDELE RIVER	RAP RAP Addendum	Cleared	Disclosed	4th October-1st November, 2016 *2nd July to 30th July 2018	4 th October, 2016	NA	Implementation is ongoing

	ODUNUKWE - NKALIKI - HATCHRY ROAD	RAP RAP Addendum	Cleared	Disclosed	4th October- 1st November, 2016 *6th April-4th May, 2018	4 th October, 2016	NA	Implementation is ongoing
	ASU UMUNNAGA	RAP	Cleared	Disclosed	4 th October-1 st November, 2016	4 th October, 2016	NA	Civil work has not commenced
	OLD WATERWORKS	RAP	Cleared	Disclosed	4 th October-1 st November, 2016	4 th October, 2016	NA	Civil work has not commenced
	OFEREKPE - AKAHUFU- ODUMOWO	RAP	Cleared	Disclosed	4 th October-1 st November, 2016	4 th October, 2016	NA	Civil work has not commenced
EDO		Resettlement Action Plan for Ekehuan erosion Gully Site in Benin City, Edo State	Cleared	Disclosed	18 th August- 15 th September, 2014	9 th March,2018		Implemented
	1+ Addendum	Resettlement Action Plan for Auchi Oshiobegie erosion Gully site in Etsako West, Edo State	Cleared	Disclosed	22 nd January- 19 th February, 2016	19 th Jan,2016		Implemented
	1+Addendum	Resettlement Action Plan for Queen Ede Gully erosion site Benin City, Edo State	Cleared	Disclosed	22 nd January- 19 th February, 2016	19 th Jan,2016		Implemented
	2+Addendum	Resettlement Action Plan for Ewu gully erosion site in Esan Central LGA, Edo state	Cleared	Disclosed	27 th November- 25 th December, 2017	1 st June,2017	29 th November- 27 th December, 2017	Implementation Ongoing
	3+Addendum	Resettlement Action Plan for Ibore erosion gully site in Esan Central LGA, Edo state	Cleared	Disclosed	27 th November- 25 th December, 2017	1 st June,2017	29 th November- 27 th December, 2017	Implementation ongoing
	1+Addendum	Resettlement Action Plan for Gapiona erosion gully site in Oredo LGA, Edo state	Cleared	Disclosed	August 13 th 2018			Implementation ongoing
		Resettlement Action Plan for for Igbei gully erosion site in Edo State Nigeria	Cleared	Disclosed	16 th January- 14 th February 2020			Implementation ongoing
	1+Addendum	Resettlement Action Plan for Urora Flood site in Ikpoba-	Cleared	Disclosed	13 th August – 10 th Sept.2018			Implemented

		Okha LGA, Edo state						
		Resettlement Action Plan for Edo College	Cleared	Disclosed	16 th January- 14 th February 2020			Implementation ongoing
		Resettlement Action Plan for Ambrose Ali University	Cleared	Disclosed	16 th January- 14 th February 2020			Implementation ongoing
		Resettlement Action Plan for Ogiso Osunde	Cleared	Disclosed	16 th January- 14 th February 2020			Implementation ongoing
		Emu-Ohodu	Cleared	Disclosed				
		Fugar - Agenebode	Cleared	Disclosed				
ENUGU	9TH MILE	RAP	Cleared	Disclosed	12-Jan-19	12-Jan-19	9-Feb-19	Fully Implemented
	AJALI	RAP	Cleared	Disclosed	12-Jan-19	12-Jan-19	10-Feb-19	School Renovation on- going
	UMUAVULU ABOR	RAP	Cleared	Disclosed	Sept 11,2018	Sept 11,2018	2-Oct-18	Implemented but one outstanding issue
	UDI-OZALLA	RAP	Under Review	-	-	-	-	Draft Final under Review with FPMU
	ENUGU NGWO	RAP	Cleared	Disclosed	29-Nov-17	29-Nov-17	27-Dec-17	Partly Implemented, Addendum - on- going
	AGBAJA NGWO	RAP	Cleared	Disclosed	29-Nov-17	29-Nov-17	27-Dec-17	Fully Implemented
IMO	Umueshi	RAP	Cleared	Disclosed	24th December, 2014-21st January, 2015			Implementation is On-going
	Iyuzo- Ihioma/Ogberuru	RAP	Cleared	Disclosed	24th December, 2014-21st January, 2015			Implementation is On-going
	Eziialla-Obizi	RAP	Cleared	Disclosed	24th December, 2014-21st January, 2015	-		Implementation is On-going
	Urualla	RAP	Cleared	Disclosed		-		Implementation is On-going
	Umueshi	RAP Addendum	Cleared	Disclosed	26th April 2019-24th May, 2019			Implementation is On-going
	Iyuzo- Ihioma/Ogberuru	RAP Addendum	Cleared	Disclosed	26th April 2019-24th May, 2019			Implementation is On-going
	Eziialla-Obizi	RAP Addendum	Cleared	Disclosed	26th April 2019-24th May, 2019			Implementation is On-going

	Yar titi in Shanono	RAP	Under Review	....	nil	-	-	nil
	Yan Sabo in Tofa	RAP	Under Review	....	nil	-	-	nil
Kano	Dawan Kaya in Majoda	RAP	Under Review	....	nil	-	-	nil
	Fajwa in Takai LGA	RAP	Under Review	.....	nil	-	-	nil
Kastina	Katsina Town	RAP	Under reviewm	.....	nil	-	-	nil
	Funtua Town	RAP	Cleared	.....	nil	-	-	nil
	Malumfashi Town	RAP	Cleared	.....	nil	-	-	nil
	Jibia Town	RAP	Cleared	.....	nil	-	-	nil
	AGASSA	RAP	Cleared	Disclosed	13th November - 11th December 2018			
Kogi	ADUMU ROAD	RAP	Cleared	Disclosed	13th December 2018 - 15th January 2019			
	OZURI	RAP	Cleared	Disclosed	23rd April - 21st May 2019			
Plateau	Munchogopyeng	RAP	Cleared	....	nil	-	-	nil
	Mangu Market	RAP	Cleared	....	nil	-	-	nil
	Plateau Club-Bingham University	RAP	Cleared	....	nil	-	-	nil
Sokoto	Lugu dam	RAP	Under Review		-	-	-	-

SUMMARY TABLE FOR RAP/ARAP (STUDIES & IMPLEMENTATION)

S/N	State	RAP/ARAP	Addendum	Reviewed and Cleared	Disclosed	Cleared but not Disclosed	Fully Implemented	Under Implementation	Under Various Review
1	Abia	10	5	8	7	1	5	2	2
2	Anambra	16	3	16	13	3	5	8	0
3	Akwa Ibom	3	0	3	3	0	2	0	0
4	Cross River	11	0	11	11	0	6	5	0

5	Delta	5	1	3	3	0	0	1	2
6	Ebonyi	8	4	8	8	0	1	4	0
7	Edo	13	9	11	11	0	4	7	2
8	Enugu	6	-	5	5	0	2	3	1
9	Kano	4	0	0	0	0	0	0	4
10	Kastina	4	0	3	0	3	0	0	1
11	Kogi	3	3	3	3	0	4	2	0
12	Imo	4	3	4	4	0	0	4	0
13	Plateau	3	0	3	0	3	0	0	0
14	Sokoto	1	-	-	0	0	0	0	1
Total		91	28	78	68	10	29	36	13

EHS CHECKLIST													
State	Site Name	Contract or Name	Perimeter Fencing		Security Personnel		Signages		Contractor's EHS Officer	P P E	Community Awareness Sessions		
			Y/N	Length(km)	Y/N	No.	Y/N	No.			Y/N	Y/N	No.
ABIA	AMUDACHAR A	NOSTRO VENTURES	NO	Nil	YES	4	YES	2	NO		YES	5	
	AMUZUKWU	MCFOR ESIGHT LOGISTICS	YES	1,450	YES	2	YES	10	YES		YES	10	
	UMUEZEUKWU	A.G VISION NIG LTD	YES	2,350	YES	2	YES	4	YES		YES	15	
	UMUOG ELE UMUAKWU	PAUL B NIG. LTD	YES	2,400	YES	2	YES	10	YES		YES	12	
	UMUAGU IBEKU/UMUDA, AMAFOR ISINGWU	HARTLAND NIG. LTD	YES	1,600	YES	5	YES	12	YES		YES	17	
Akwa Ibom	Etim Umana	Nigerspet Structures Limited	YES	215m	YES	8	Not Yet (Site just awarded)	0	YES	YES	YES	58	
	St Luke's Hospital, Anua	Nigerspet Structures Limited	NO	Not Yet	YES	4	Not Yet (Site just awarded)	0	YES	YES	YES	44	
ANAMBRA	Abidi Umuoji	CGC-CHWE	Yes	3,367	Yes	6	Yes	10	Yes	Yes	Yes	Continuous Engagement	
	Enugwu Ukwu	CGC-CHWE	Yes	2,641	Yes	6	Yes	10	Yes	Yes	Yes	Continuous Engagement	
	Ojoto	CGC-YSEG	Yes	4,563	Yes	6	Yes	10	Yes	Yes	Yes	Continuous Engag	

												ement	
	Nnewichi	CGC-YSEG	Yes	5,264	Yes	6	Yes	10	Yes	Yes	Yes	Continuous Engagement	
	Ndiagu Ikenga Ogidi	Chez Aviv	In Progress	In Progress	Yes	6	Yes	6	Yes	Yes	Yes	Continuous Engagement	
	Abagana	Chez Aviv	In Progress	In Progress	Yes	6	Yes	6	Yes	Yes	Yes	Continuous Engagement	
	Ugamuma Obosi	Chez Aviv	In Progress	In Progress	Yes	6	Yes	6	Yes	Yes	Yes	Continuous Engagement	
	Ire Obosi	MCC	Yes	500	Yes	6	Yes	9	Yes	Yes	Yes	Continuous Engagement	
	Nkpor Flyover	MCC	Yes	500	Yes	6	Yes	8	Yes	Yes	Yes	Continuous Engagement	
	Federal High Court/ Ekwueme Square	IDC	Yes	726	Yes	4	Yes	8	Yes	Yes	Yes	Continuous Engagement	
	Amachalla	Pachus Nig Ltd	Yes	417.59	No	0 (Completed)	Yes	4	No (Civil Work COMPLETED)	Works Completed	Yes	Continuous Engagement	
	Omagba	Nic and Nic Nig Ltd	No	0	No	0 (No Active work ongoing)	Yes	4	No (No Active work ongoing)	No workers on site	Yes	Continuous Engagement	
	Neros Plaza/ St. Thomas Aquinas	Anchor Nuel Resources	Yes	215.31	No	0 (Completed)	Yes	4	No (Civil Works COMPLETED)	Works Completed	Yes	Continuous Engagement	
	TOTAL			17,468		58		95					
DELT A	MIDOMA	Levant Construction Limited	N		Y	12	Y	3	Y	Y	Y	3	
	UBULU-UKU												
	OBOMKPA												
	JESSE												

	NKWU-NZU												
	Contractor's Workyard	CGC/CH WE JV	YES	1.1Km	YES	14	YES	6	YES	YES	YES	11	
EBONYI	Odunukwe-Nkaliki-Hatchery Flood Intervention Site	CGC/CH WE JV	YES	379m	YES	18	YES	17	YES	YES	YES	11	
	Ebia River Flood Intervention Site	CGC/CH WE JV	YET TO COMMENCE		YES	18	YES	20	YES	YES	YES	11	
	Iyiokwu International Market Flood Intervention Site	CGC/CH WE JV	YES	995m	YES	2	YES	8	YES	YES	YES	2	
	Iyiudele Flood Intervention Site	CGC/CH WE JV	YET TO COMMENCE		YES	4	YES	4	YES	YES	YES	2	
	GAPION A	Hartland/NBHH JV	Y (Yard)	18,386.50m ²	Y	Yard - 6		Yard - 13					17
						Pond 5-2	Y	Pond 5-6	Y	Y	Y		
EDO						Pond 6-2		Pond 6-6					
	URORA	Hartland/NBHH JV		7,113 m ²			Yard - 2		Yard - 2				3
			Y (Yard)		Y	Yard - 2	Y	Site - 4	Y	Y	Y		
						Site - 2							
	EDO COLLEGE	Levant/Rockbridge JV		6,000 m ²									2
			Y (Yard)		Y	Yard - 6							
						Site - Nill	Y	Yard - 7	Y	Y	Y		

	EWU	Hartland Nig. Ltd	Y(Yard)	7000m 2	Y	Yard-5	Y				Y	4	
						Site -2		Yard 2, site 4	Y	Y			
	IBORE	Hartland Nig. Ltd	N		Y	Site -5	Y	Yard -2, Site -5	Y	Y	Y	9	
ENUGU	9TH MILE	CHEZ-AVIV NIG. LTD	Y										
	AJALI	CHEZ-AVIV NIG. LTD	N										
	UMUAV ULU ABOR	CHEZ-AVIV NIG. LTD	N		Y		Y		Y	Y	Y		The Civil works contractor not compliant and need to instal adequate signages and temporal perimeter fence
	UDI-OZALLA	ANBEE Z SERVICES LTD	N		Y		Y		Y	Y	Y		Need to instal adequate signages and temporal peri

													meter fence
	ENUGU NGWO	ANBEE Z SERVICES LTD	N		Y		Y		Y	Y	Y		Need to install adequate signages and temporal perimeter fence
	AGBAJA NGWO	ANBEE Z SERVICES LTD	N		Y		Y		Y	Y	Y		Need to install adequate signages and temporal perimeter fence
KOGI	Agassa	Nael & Bin Harmal Hydro: export Nig. Ltd/ Hartland Nig.	Yes	158.5 m	Yes	6	Yes	10	Yes	Yes	Yes	2	
	Adumu road	Nigerpet Structures Ltd.	Yes	600m	Yes	3	Yes	10	Yes	Yes	Yes	2	

GRM INCIDENTCES				
S/N	State	Number of Incidence	Number Resolved of	Number of Unresolved
1	Abia	40	40	0
2	Anambra	39	33	6

3	Akwa Ibom	27	27	0
4	Cross River	11	8	3
5	Delta	8	8	0
6	Ebonyi	122	56	66
7	Edo	273	269	4
8	Enugu	52	16	36
Total		572	457	115

Annex 2: Updated Report for Data Validation Mission



Federal Ministry of
Environment
Government of
Nigeria



Nigeria Erosion & Watershed Management Project (NEWMAP)

2020 Project Data Validation Report

Version: 2nd Draft, April 2020

1. EXECUTIVE SUMMARY

Nigeria Erosion and Watershed Management Project (NEWMAP) emerged as a solution to the country's inadequate and fragmented response to Federal, States and Local government's overwhelming complex gully erosion problem, to reduce the vulnerability that threatened infrastructure and livelihoods in the identified watershed.

As the intervention progress, NEWMAP, using innovative, multi-sectoral /multiscale approach, mixed with creative designs, civil/bio- engineering and other best practices reclaimed proportionate hectares of degraded lands with considerable impacts on beneficiary's socio-economic development. The Project expanded with 23 additional States phased –in, upscaling the initial 11 states (conceived pre-project effectiveness), with two waves of project sites in the initial first-mover states. At the same time, it accelerated programmes of afforestation and ecosystem dynamics in the arid and semi-arid zones.

The Project's performance, is currently at 8 years of implementation. The successes continue to generate high-grade *project progress data*. The need to accurately document and ensure broad data consistency, therefore, necessitated the *Data Validation Mission* to NEWMAP States by the Federal Project Management Unit (FPMU).

The Mission became imperative to validate data submitted by PMUs, especially regarding achieving Project targets in the Result Framework. The Mission, amongst others, set out to validate CIG, Safeguards studies and RAP data recorded by the SPMUs, guide the implementation of critical agreed actions, re-enforce standard mode of engagement in terms of data reporting between Social Safeguards/ livelihood and M&E officers, Focal and Umbrella NGOs, before transmitting such data to the FPMU.

This initial report contains data for 7 States which are Enugu, Ebonyi, Cross River, Edo, Delta, Anambra, and Abia States as at March 2020. In all the States visited, the Mission team met with the SPMU Officers led by the State Project Coordinators and had enriching sessions on the data earlier submitted and other matters bordering on livelihood enhancement implementation, Resettlement Action Plans (RAPs), Environment and Social Management Plans (ESMPs), engineering activities, compliance to safeguards measures at sites and contractors' yards, Project branding, sustainability, Grievance Redress Mechanism.

The Mission Team also visited gully sites with ongoing and completed remediation works, and documented total area reclaimed at 915 hectares of the 7 States visited only. The reclaimed hectares represent 287.7 increase from 628.07 reported for same States in November 2019.

In all the sites visited, the team interacted with beneficiaries of intervention works carried out by NEWMAP. The various communities which had been victims of gully erosion could not hide their joy and appreciation. They were visibly excited and grateful to their respective State Governments, the World Bank and NEWMAP for saving their lives and properties and giving

them hope. The livelihood enhancement activities were implemented according to households and cut across livestock farming ranging from a fishery, piggery, poultry, metal fabrication, tailoring, shoemaking, and ICT. Cook stove distribution a fundamental aspect of livelihood enhancement which was implemented according to households, with significant positive impact to beneficiaries, especially in reducing carbon emissions. Of the 7 States visited, livelihood enhancement activities have been implemented in Abia, Anambra, Cross River, Ebonyi, Edo and Enugu (Delta is yet to start) recording a total of 4,606 (2,025 male and 2,581 female) beneficiaries as against 4,605 reported in November 2019. Reporting on households that have benefitted from livelihood enhancement activities, 11,117 households have benefitted in the form of CIG implementation and cook stove distribution; Project target is to accomplish 12,000 homes.

The improvement in economic status and its attendant ability to meet family needs, including children's education took center stage in the interactions with beneficiaries of livelihood enhancement who received grants which they invested in small scale businesses. Prominent among this group of recipients in Nguzu Edda, Ebonyi State where widows and the physically-handicapped who made it very clear that NEWMAP had reduced their pain of widowhood, had given them a sense of belonging and also given their lives meaning.

Notably among the successes recorded are those at Ugwuto Nsude site in Enugu State, where a beneficiary in the Metal Fabrication CIG further trained five more youth who are now employers of labour. In the same vein, ICT CIG in Enugu State trained 30 individuals in areas of information technology skills, who are now using the skills to earn a living. Also coming out of the piggery CIG in Anambra State, members have established their piggery farms and are gaining profits for enhanced livelihoods. The Palm oil processing CIG in Nguzu Edda is doing tremendously well where beneficiaries attested that their operations have improved. This is due to machines, tools and training provided by NEWMAP.

The Project Affected Persons (PAPs) who had been paid compensation for loss of landed properties or farmlands also had stories of restoration and improved economic status. In the States visited, there was an increase in RAP compensation from 2,709 PAPs paid as reported in November 2019 to 3,262 PAPs paid as at March 2020 representing an increase of 553 PAPs.

Among States and sites visited, Anambra, Abia and the Delta States are leading in terms of compliance with safeguard measures while other States are at an average level; this needs to be improved. The PMUs have agreed to implement pending actions within one week from date of visit by putting in place perimeter fences, signage's, as well as compliance to EHS and OHS measures.

As a sustainability strategy, the PMUs are encouraged to fast track the establishment of NEWMAP Agencies across States, and this is in addition to improving synergy with MDAs at State and local levels. The PMUs must explore quick wins with regards to the implementation of

Catchment Management Plans such natural resource implementation achievable through sustainable land management practices (primarily through raising nurseries by the community and at school levels). Importantly, there was improvement regarding the development of Catchment Management Plans such that Ebonyi State developed seven more as compared to 21 reported in November 2019, bringing to a total 28 catchment Management Plans developed for 7 States, Project target is to generate 38 CMPs. SPMUs are to speed up the formation of waste management CIGs towards achieving Project target of 50 CIGs collecting waste. Ebonyi State had just set up a waste management CIG for waste collection.

2. INTRODUCTION

NEWMAP is a 9 year-year multi-sectorial Project, aimed at reducing vulnerability to soil erosion in targeted sub-watersheds through an integrated watershed management approach to land degradation interlinked with challenges of poverty, ecosystem services, climate change, disaster risk management, biodiversity, institutional capacity and governance.

The Project at the onset identified key risks and mitigation measures: Intervention design risks, implementing agency risks, political support and governance risks, security risks, involuntary resettlement and legacy issues, as well as associated conflicts are considered as risks to the Project's success as well as safeguards issues.

This was based on the project expectation of highly positive environmental and social impacts, as it provides incentives for improved environmental management and livelihoods in critical and sensitive areas with active participation of communities.

The first phase of the Project focused on rehabilitation of 21 number of major gullies in the 1st mover States with follow-on work linked to broader catchment management and safeguards and Livelihood activities. Treatment of subsequent later sites took a more comprehensive and integrated approach involving participatory catchment management plans and development of alternative livelihoods, in parallel with gully engineering designs and reconstruction, which are now being introduced, based on lessons learned, to other sites in the first seven-movers states as well as the new and newer states in both the Southern and Northern regions of the country.

The inconsistencies in data submitted by the States necessitated the need for a validation of such data especially as NEWMAP gradually draws to an end. The methodology adopted by the Mission was to visit States for proper data verification and validation in close engagements with State Livelihood and M&E Officers, including Focal and Umbrella NGOs, Environment and Social Safeguards officers, Engineers and other officers in the PMUs.

In order to adequately ascertain the quality of data, the FPMU M&E Unit had sent a template to the States prior to the commencement of the Mission. At the SPMUs, the Mission team validated data presented and compared them with the previous submissions. This was to ensure consistency and reliability of data, and also to ensure data ownership by the respective officers.

2.1 Mission objectives

The objectives of the Mission were to:

- (i) Validate social livelihood data recorded by the Project to ensure accuracy, consistency and reliability. This include Environmental Safeguards data.
- (ii) Verify the implementation of Social livelihood implementation within communities
- (iii) Assess the adherence to safeguard measures in terms of EHS, compliance to OHS and use of PPE, GBV measures.
- (iv) Entrench a standard mode of data collection and reporting amongst all core SPMU officers, prior to transmitting such data to the FPMU.

3.1 Meeting with SPMUs

The validation process commenced with presentation of data by the SPMU. The data was verified with evidence-based documents. The PMUs made presentation on achievements since Project inception. They also provided justifications and explanations where necessary. The template was owned jointly by substantive officers in the PMUs. This was to ensure adequate, consistent and reliable data.

Discussions focused on activities towards achieving the PDO and sustainability of the interventions already put in place. The areas include engineering, livelihood and RAP implementation, collaboration among stakeholders regarding State MDA effectiveness, community engagements and mobilization, Grievances Redress Mechanisms, LGA liaison involvement, implementation of Catchment Management Plans (CMP), water harvesting, sustainability, challenges, etc.

PMUs were advised to ensure adequate documentation and achievement of pending activities ahead of Project closure. One of the exit strategies suggested is implementing the low hanging fruits in the Catchment Management Plan, especially in the area of implementation of natural resource practices which can easily be achieved and contribute to erosion control and reduction in carbon emission and climate change effect. In Anambra, a sustainability strategy has been put in place and passed by the Anambra State House of Assembly for the establishment of an Erosion Control Agency that will be called *Agency for Erosion, Watershed and Climate Change* to continue combating Erosion and Climate Change. In Enugu State, a bill establishing the Enugu State Erosion and Watershed Management Agency has been passed into law by the State House of Assembly and awaiting assent by the Governor.

In order to foster collaboration between MDAs and LGAs, the Mission noted that there is the need to enhance engagement with the LGA technical liaison officers, who work closely with Community Associations and Community Interest Group members. This is to ensure that there is

knowledge transfer to local government level and is put to sustainable use after Project closure. In all the PMUs visited, the role of the Focal NGO was stressed in guiding community engagements, especially with regards to sensitization on the need to have CIGs on waste management and other environmentally-friendly practices like discouraging indiscriminate dumping of waste. The FoNGOs are playing a major role in identifying individual beneficiaries and households.

3.2 FIELD/SITE VISITS

In order to verify data presented by the PMUs in areas of civil works and bio-remediation and also ascertain compliance with Safeguards measures put in place, the team visited some sites in the States. This provided opportunity for the Mission to interact with the community members about the intervention and implementation activities, especially Project Affected Persons (PAPs) who got compensated for properties such as farmlands, landed properties, etc. and those who received grants for establishing sources of livelihoods (CIGs beneficiaries).

3.2 a. ENGINEERING NARRATIVE

In terms of civil works/construction and bioremediation, work is seen to be ongoing in sites especially in new sites of Anambra, Delta, Edo, Ebonyi and Enugu States while work on other sites have been completed. The completion of works has resulted to reclamation of lands and restoration of livelihoods for people affected by erosion. The total area reclaimed increased from 628.07 hectares to 915.76 hectares. This is the data for 6 States of Abia, Anambra, Enugu, Ebonyi, Edo, and Cross River. The increase is majorly from adjustments in measurement for Edo and Ebonyi States, as well as from new sites in Anambra State. However, it should be noted that there is slow pace of work at Umuavulu Abor site in Enugu State due to inadequacy of workers on site. The PMU and community expressed dissatisfaction while the Mission advised the contractor to beef up works to complete the site. The table below provides detailed information regarding engineering works.

STATE	SITE	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS
ABIA	Amuda Achara	2.4	4.75	7.15	74	
	Amuzukwu	0.87	5.41	6.28	100	
	Umuezeukwu	3.23	1.4	4.63	100	
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU	5.5	4.62	10.12	100	
	Umuogele/ Umuakwu	1.17	1.41	2.58	100	Football field was bio-remediated as part of CSR by Contractor
ANAMBRA	Abagana	0.40	0.35	2.38	38	Re-awarded and works ongoing
	St. Thomas Neros Plaza		0.98	17.21	100	
	Amachalla		1.0	13.249	100	
	Omagba		0.276	10.98	94	
	Ekwueme Square/Federal High Court - Palliative	0.195	0	3.49	100	Palliative works completed
	Ikenga Ogidi	0.25	0	0.5	55	
	Ugamuma Obosi	0.77	0	17.69	17.71	
	Abidi-Umoji	0.77	0	1.94	68	
	Enugu-Ukwu	0.03	0	0.91	14	
	Nnewi-ichi	0.34	1.67	4.2	38	

STATE	SITE	AREA OF CIVIL WORKS (Ha) MARCH 2020	AREA BIOREMEDIATED (Ha) MARCH 2020	TOTAL AREA RECLAIMED (Ha) MARCH 2020	PERCENTAGE COMPLETION AS AT MARCH 2020	REMARKS
	Ojoto	0.37	0	16.1	38	
	Ire-Obosi	0.75	0	8.15	49	
	Nkpor-Flyover	0.86	0	4.58	46.4	
CROSS RIVER	Atakpa	10.8	9.3	10.8	100	
	Edim Otop	4.03	3.74	4.03	100	
	Nyangasang	6.23	5.67	6.23	100	
	Ikot Ekpo	13.52	12.3	13.52	100	
	Ikot Awatim	198.35	47.7	198.35	100	
	Lemna Agric	2.19	2.19	2.19	100	
	Ikot Nkebre	15.02		15.02	54.29	Works ongoing
EBONYI	NGUZU EDDA	0.89	0.38	1.27	100	
	EBIA RIVER	4.996	0.27	40.92	55.78	Implementation ongoing
	ODUNUKWE-NKALIKI-HATCHRY ROAD	2.73	0.73	82.55	77.66	Implementation ongoing
	IYIOKWU-ABAKALIKI INTL' MARKET	4	0.36	38.66	51.95	Implementation ongoing
ENUGU	9 th Mile Corner	1.486	4.494	5.980	100	Completed and handed over
	Ajalli Water Works	0.790	5.597	6.387	100	Completed and handed over
	Umuavulu Abor	1.42	0.00	1.42	25	Works ongoing
	Udi-Ozalla	8.54	0.00	8.54	59	Works ongoing
	Enugu Ngwo	2.05	0.00	2.05	30	Works ongoing
	Agbaja Ngwo	1.07	0.00	1.07	40	Works ongoing
EDO	Auchi	63.1	41.1	254.45	100	
	Queen Ede	9.37	2.45	37.48	100	
	Ekehuan	4.29	2.15	8.74	100	
	Ewu	6.4	4.09	17.95	73	
	Ibore	11.94	2.4	26.02	100	
		389.977	166.787	915.766		



Fig.1 Showing reclamation in Odunukwe in Ebonyi State; due to river channelization works



Ongoing Bio-remediation works at Odunukwe, Ebonyi State



Ongoing Works at Iyiokwu International Market Site, Ebonyi



Nnewichi Site, Anambra State (Before)



Ongoing works at Nnewichi Site, Anambra State



Umuogele Site, Abia State (Before)



Umuogele Site, Abia State (After)

As a result of engineering works, a number of 11,060 lives were saved across the sites. These lives cut across those living in close proximity to the gully or affected area. In addition, 6,448 buildings were saved from collapse due to engineering works especially as they are situated directly by the gully or unstable meters from the gully. Importantly, 5,750 jobs were created which consist of food vendors, drivers, carpenters, labourers etc. they have used salaries to cater for their families. Furthermore, an estimated 60,000 people have been saved especially due to road constructions works implemented in Abia State and river channelization works currently ongoing in Ebonyi State. Before NEWMAP intervention, these sites used to be areas of high threat due to road cuts in Abia and flooding in Ebonyi State. Beneficiaries have expressed utmost gratitude for works ongoing or completed.

STATE	SITE	NUMBER OF LIVES SAVED	NUMBER OF INFRASTRUCTURE SAVED FROM COLLAPSE	NUMBER OF JOBS CREATED
ABIA	Amuda Achara		0	122
	Amuzukwu		0	143
	Umuezeukwu		0	129
	Umuagu/Umuda		10	230
	Umuoge/ Umuakwu		0	136
ANAMBRA	Abagana	338	34	147
	Nero's Plaza/St. Thomas Aquinas	355	29	74
	Amachalla	295	27	62
	Omagba	660	30	60
	Federal High Court/Alex Ekwueme Square	603	25	110
	Ikenga-ogidi	257	51	79
	Ugamuma Obosi	206	39	81
	Abidi-Umoji	142	20	150
	Enugu-Ukwu	75	13	56
	Nnewi-ichi	549	54	246
	Ojoto	178	17	193
Ire-Obosi	140	16	124	
Nkpor-Flyover	450	63	123	
CROSS RIVER	Atakpa	354	59	112
	Edim Otop	1,854	309	85
	Nyangasang	156	26	45
	Ikot Ekpo	600	100	74
	Ikot Awatim	1,944	324	105
	Lemna Agric	234	39	68
EBONYI	NGUZU EDDA	241	7	96
	EBIA RIVER		1,295	274
	ODUNUKWE NKALIKI		2,782	274
	Iyiokwu Abakalilki Intl' Market		519	265

STATE	SITE	NUMBER OF LIVES SAVED	NUMBER OF INFRASTRUCTURE SAVED FROM COLLAPSE	NUMBER OF JOBS CREATED
ENUGU	9 th Mile Corner	12	3	571
	Ajali Water Works	0	2	507
	Umuavulu Abor	7	2	41
	Udi - Ozalla	15	2	35
	Enugu Ngwo	56	3	54
	Agbaja Ngwo	10	1	30
EDO	Auchi	200	105	150
	Queen Ede	185	27	45
	Ekehuan	57	48	58
	Ewu	126	45	173
	Ibore	177	65	115
	GAPIONA	336	164	239
	URORA	248	93	69
		11,060	6,448	5,750

3.2 b. INTERACTION WITH PROJECT BENEFICIARIES ON IMPACT

Livelihood Enhancement and Resettlement Action Plan are core aspects that drive the Project. Aside the implementation of GRASS, livelihood enhancement and RAP implementation are areas where community members are directly impacted by the Project. The livelihood enhancement activities involve empowering community members to have better standards of living. This is implemented through the disbursement of sub-grants to Community Interest Groups. The Resettlement Action Plan deals with compensation of Project Affected Persons (PAPs). Through this compensation, the beneficiaries are able to utilize the funds to enhance livelihood status for better productivity.

The Mission interfaced with community members who have benefitted through CIGs and RAP implementation and others who benefitted from distribution of carbon-efficient cook stoves. The impact ranges from reduction in abject poverty, saving lives and properties, restoring persons affected to a condition equivalent or better than they were before intervention, reduction in carbon emission while cooking and consequently reducing their exposure to health hazards of smoke inhalation.

3.2.c. LIVELIHOOD BENEFICIARY STORY

Livelihood activities across PMUs have a broad objective of enhancing the livelihood of vulnerable people in communities affected by erosion. These activities are implemented in form of Community Interest Groups (CIGs) set up across communities.

Of the 7 States visited, livelihood enhancement activities have been implemented in Abia, Anambra, Cross River, Ebonyi, Edo and Enugu (Delta is yet to start). This brings to a total of 4,606 (2,025 male and 2,581 female) beneficiaries for the 6 States as against 4,605 reported in November 2019. This means that there is an increment on 1 beneficiary in Ikot Ekpo in Cross River. This data represents beneficiaries for 6 States. The livelihood enhancement activities were

implemented according to households and cut across livestock farming ranging from fishery, piggery, poultry, metal fabrication, tailoring, shoe making, ICT etc. Cookstove distribution is also a fundamental aspect of livelihood enhancement which was implemented according to households. This had great positive effect to lives of beneficiaries especially with respect to reducing carbon emissions. In total, 11,117 households benefitted from livelihood enhancement activities in form of CIG implementation and cookstove distribution. The tables below provide details.

IMPLEMENTATION OF LIVELIHOOD ACTIVITIES (CIGs)

STATE	SITE	TOTAL NO. OF CIGs	NUMBER OF HOUSEHOLDS THAT HAVE BENEFITTED FROM CIG LIVELIHOOD ENHANCEMENT ACTIVITIES	TOTAL BENEFICIARIES	MALE	FEMALE	AMOUNT APPROVED (₦)	TOTAL AMOUNT DISBURSED (₦)	AMOUNT BALANCE (₦)
ABIA	AMUDA ACHARA	33	314	334	135	199	27,270,700	27,270,700	0.00
	AMUZUKWU	12	58	107	46	61	12,918,300	12,918,300	0
	UMUEZEUKWU	37	247	351	158	193	27,110,950.00	27,110,950	0.00
ANAMBRA	Abagana	14	272	284	133	151	38,178,960.00	35,178,960.00	3,000,000.00
	Nero's Plaza/St. Thomas Aquinas	18	412	451	240	211	47,187,100.00	35,765,550.00	11,421,550.00
	Amachalla	5	122	135	69	66	22,064,600.00	11,032,300.00	11,032,300.00
	Omagba	25	340	385	169	216	44,488,315.00	28,077,990.00	16,410,325.00
CROSS RIVER	ATAKPA	4	75	75	40	35	22,991,508.00	17,693,692.00	5,297,816
	EDIM OTOP	4	74	74	30	44	22,156,036.00	17,385,236.00	4,770,800
	NYANGASANG	4	71	71	31	40	21,734,260.00	15,577,860.00	6,156,400
	IKOT EKPO	4	75	75	32	43	22,832,860.00	16,017,756.00	6,815,104
	IKOT AWATIM	23	120	120	52	68	41,065,740	26,786,924	14,278,816
EBONYI	NGUZU EDDA	20	681	850	308	542	27,600,000.00	27,600,000.00	0
EDO	Auchi	16	240	240	146	94	60,000,000.00	53,352,000.00	6,648,000
	Queen Ede	10	150	150	78	72	35,000,000.00	32,450,000.00	2,550,000
	Ekehuan	9	146	146	57	89	30,000,000.00	18,523,200.00	11,476,800
ENUGU	9 TH MILE CORNER	15	240	411	177	234	20,000,000.00	15,700,000.00	4,300,000
	AJALLI WATER WORKS	14	180	347	124	223	20,000,000.00	18,900,000.00	1,100,000
		267	3,817	4,606 (Excluding	2,025	2,581	542,599,329	437,341,418	105,257,911

IMPLEMENTATION OF LIVELIHOOD ACTIVITIES (CIGs)									
STATE	SITE	TOTAL NO. OF CIGs	NUMBER OF HOUSEHOLDS THAT HAVE BENEFITTED FROM CIG LIVELIHOOD ENHANCEMENT ACTIVITIES	TOTAL BENEFICIARIES	MALE	FEMALE	AMOUNT APPROVED (₦)	TOTAL AMOUNT DISBURSED (₦)	AMOUNT BALANCE (₦)
				Imo)					

DISTRIBUTION OF CLEAN COOK STOVES (ACCORDING TO HOUSEHOLDS)				
State	Site	Male	Female	Total Households
ABIA	ELU, AMUKE COMMUNITY	26	162	188
	DODDS METHODIST UZUAKOLI	20	156	176
	UMUOEGELE UMUAKWU	20	141	161
	AMUD ACHARA COMMUNITY	31	105	136
	UMUAGU/ UMUDA/ AMAFOR ISINGWU	25	189	214
	UMUEZEUKWU COMMUNITY	36	179	215
	AMUZUKWU COMMUNITY	23	158	181
Total Households for cookstove distribution in Abia				1,271
ANAMBRA	Abagana	26	114	140
	Ikenga-ogidi	41	99	140
	Nnewichi	48	92	140
	Enugwu-Ukwu	41	99	140
	Ojoto	34	106	140
	Abidi-Umuoji	29	111	140

DISTRIBUTION OF CLEAN COOK STOVES (ACCORDING TO HOUSEHOLDS)				
State	Site	Male	Female	Total Households
	Agulu/Nanka/Oko	107	313	420
Total Households for cookstove distribution in Anambra				1,260
CROSS RIVER	ATAKPA	21	117	138
	EDIM OTOP	24	119	143
	NYANGASANG	20	115	135
	IKOT EKPO	22	117	139
	IKOT AWATIM	19	116	135
	IGABA	16	39	55
	ITATE	13	37	50
Total Households for cookstove distribution in Cross River				795
EBONYI	NGUZU EDDA	79	164	243
	Ebia River	198	149	347
	Iyiokwu- Abakalilki Intl' Market	81	86	167
	Iyiudele River	60	139	199
	Odunukwe- Nkalilki-Hatchry Road	70	130	200
	Asu Umunaga	32	153	185
	oferekpe-Akahufu-Odumowo	83	64	147
	Oldwaterworks	39	70	109
Total Households for cookstove distribution in Ebonyi				1,597
EDO	Auchi	2	398	400
	Queen Ede	18	95	113
	Ekehuan	9	255	264

DISTRIBUTION OF CLEAN COOK STOVES (ACCORDING TO HOUSEHOLDS)				
State	Site	Male	Female	Total Households
	IBORE ESAN	5	258	263
	EWU ESAN	0	205	205
	Urora	12	138	150
	Gapiona	13	162	175
Total Households for cookstove distribution in Edo				1,570
ENUGU	9TH MILE CORNER	20	45	65
	9th MILE CORNER CATCHMENT AREA	11	40	51
	AJALLI WATER WORKS	12	50	62
	UMUAVULU ABOR	11	53	64
	AGBAJA NGWO	39	36	75
	ENUGU NGWU			0
	OWELLE -AJAJA	16	60	76
	ONUIYI NSUKKA	35	41	76
	OBOLLO AFOR	15	38	53
	OHOM ORBA	36	57	93
	UDI OZALLA	24	48	72
	OKWOJO NGWO			0
	IMILIKI ETITI	10	38	48
	OBINAGU ABIA	20	52	72
Total Households for cookstove distribution in Enugu				807

STATE	HOUSEHOLDS FOR CIG IMPLEMENTATION	HOUSEHOLDS FOR COOKSTOVE DISTRIBUTION	TOTAL
ABIA	619	1,271	1,890
ANAMBRA	1,146	1,260	2,406
CROSS RIVER	415	795	1,210
EBONYI	681	1,597	2,278
EDO	536	1,570	2,106
ENUGU	420	807	1,227
TOTAL HOUSEHOLDS THAT HAVE BENEFITTED FROM LIVELIHOOD ENHANCEMENT ACTIVITIES (Excluding Imo)			11,117

As a result of implementation of livelihood enhancement activities, the Metal fabrications and Iron works CIGs implemented in Ajali and Omagba Sites (Enugu and Anambra States respectively), revealed successes which also led to multiplier effects. The beneficiaries have made profit as a result of the business, which they have used to improve their standards of living. In the same CIG, beneficiaries use their expertise to construct street lights, electric poles and gates for the community. In addition, the beneficiaries have also become employers of labor in the sense that they have engaged and trained other 30 personnel. Similarly, in Omagba community in Anambra State, the fabrication of security gate by the Iron Bender group (Bending Group) Association depicted achievement as a result of the Project.

In addition, livestock farming forms another area of focus by various CIGs across States. For instance, piggery, rearing of grasscutter, fishery, poultry, snailery are predominant in NEWMAP beneficiary communities. Interaction with beneficiaries revealed gains recorded in terms of egg production, birds, pigs, fish and grasscutters. In the same vein, Mr. Benson Emmanuel Akpan expressed satisfaction with the intervention of the Project in the community. He narrated that prior to NEWMAP intervention, he was a peasant farmer, stressing that it was difficult to feed and carter for family needs. Through NEWMAP livelihood enhancement, he was trained as a poultry farmer with less than 25 birds to start. Now he owns a large poultry farm of 150 birds, profit made is used for family up keep.

In Abagana, Omagba, beneficiaries disclosed that they started with an average four pigs and have now multiplied to 50 pigs per CIGs, to the extent that each member now own their individual pig farm. In the same vein, CIGs into poultry farming, in Queen Ede and Omagba sites, started with an average of 150 birds and now have over 400 birds producing more than 5 crates of eggs per day. Mrs. Ojene Effiong Ekpo, a pensioner in Ikot Ekpo community, Cross Rivers State narrated on how she benefited greatly from the livelihood enhancement. She reiterated that she depends solely on the profit made from the poultry to support her family needs.

Another fascinating story is that of Nguzu Edda physically challenged CIG, where beneficiaries narrated their story of restoration and hope through rentals of chairs, tables and canopies. Through this, the beneficiaries now have a sense of inclusiveness in the society. Profits are used for their immediate upkeep, saving and maintenance of their equipment.

Similarly, widows CIGs formed in Nguzu Edda, and Ajali Water Works in Ebonyi and Enugu States respectively revealed that beneficiaries are no more dependent on family members, and this has reduced the pain of widowhood through NEWMAP intervention in areas of feeding, payment of bills, etc. Furthermore, Mr. Emmanuel Kalu, the physically challenged Nguzu Edda multipurpose Chairman, (Mr. Emmanuel Kalu, the Chairman of the Physically-Challenged Nguzu Edda Multipurpose Group) disclosed that the group started in 2016 and had recorded good profit. The profit made has reduced poverty rate among members. Money shared is used to sustain the family. There were many more life-changing stories where beneficiaries used profits to pay school fees for their children, family upkeep and other commitments, which they acknowledged that it would not have been possible without NEWMAP intervention.

Some other successes recorded are the Agro-processing farmers who process up to 500 liters of palm oil per day after NEWMAP intervention which is 10 times more than the 50 liters they used to produce per day before NEWMAP intervened. They sell the oil to retailers and use part of the money to re-invest in buying palm kernels for the business. The Widows Cassava Processing business in Ebonyi has given beneficiaries (widows) a source of livelihood for the past 4 years; these are some of the vital successes recorded through NEWMAP.

3.2.d. CLEAN COOK STOVE BENEFICIARY STORY

In line with activities of Climate Change Response Component, which aims at reducing Greenhouse Gas (GHG) emission, institutional and household carbon-efficient cook stoves were distributed in the communities. Institutions who benefitted from clean cook stoves testified that it has reduced the amount of firewood used for cooking, in addition to stopping the inhalation of smoke that earlier posed health risks. Institutions such as Enugu Correctional Facility and St. Cyprian's Special Science Secondary School, Nsukka, which got 2 institutional stoves each, revealed that the stoves reduced cooking time to a large extent, as well as savings on firewood – reduced from 7 trucks per term to 3 trucks. This practice is aimed at reducing carbon emissions and deforestation.

In Government Secondary School, Abagana, and Dennis Memorial Grammar School, Onitsha where the giant carbon efficient cook stove was installed, the Principal attested to the efficient and effective usage of the cook stoves. The Principals of the schools, Mrs. Felicia Mbagwu and Reverend Canon Chigozie Anieto respectively, attested to the efficient and effective of the clean cook stove. They disclosed that the clean stove reduced carbon dioxide emission which contributed to reduction in GHG of the country. Also, it reduces the consumption of firewood which in turn saves money and reduces deforestation. This is the same case in Agbaja Ngwo, Enugu State where Mrs. Elizebeth Ugwu, and Mrs. Theresa Chukwu described the clean stove as a game changer. They explained that the stove minimized the usage of firewood which help them saves more money and it also reduces carbon emission which is hazardous to their health.

3.2.e RAP BENEFICIARY STORY

Component 1 of the Project which is Erosion and Watershed Management Infrastructure Investment requires some acquisition of land within the erosion degraded targeted area for stabilization and reclamation works. The involuntary acquisition of land triggers World Bank Operational Policy (OP4.12). The policy is triggered when Project activities cause land acquisition, physical displacement, economic displacement and/ or restriction to access to source of livelihood

The main objective of Resettlement Action Plan is to compensate persons affected by erosion to a condition equivalent or better than their situation. In this regard, the counterpart funding provided by States are used to pay compensation to Project affected persons.

There was an increase in RAP compensation from 3,191 PAPs paid as reported in November 2019 to 3,262 PAPs paid (excluding Imo, Akwa Ibom and Kogi) as at March 2020. The compensation also include 15 organizations paid in Ebonyi ranging from schools and churches. The increment weremostly recorded in Iyiokwu Abakaliki International Market – Ebonyi State (paid 119 new PAPs), 271 new PAPs paid in Enugu Ngwo, Enugu State. Other RAP payment is spread across new sites in Gapiona, Urora, Ogiso Osunde, Igbei (Edo State), Midoma in Delta State as well as new sites in Anambra State. The table below provides more details.

RAP IMPLEMENTATION										
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID	MALE	FEMALE	PAPS NOT PAID	REMARKS
ABIA	UMUEZEUKWU	3,380,822.69	3,159,317.33	221,505.36	45	42	26	16	3	
	UMUEZEUKWU ADDENDUM	13,979,731.00	11,624,900.00	2,354,831	71	65	37	28	6	
	AMUZUKWU	34,590,400	34,350,400	240,000	31	28	17	11	3	
	AMUZUKWU ADDENDUM	9,538,000	9,045,812.50	492,187.50	9.0	8	7	1	1	
	AMUDA-ACHARA	323,600	323,600	0	2	2	1	1	0	
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU	87,587,00.00	33,820,531	53,766,469	34	34	30	4	0	
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU (FIRST ADDENDUM)	14,064,479.00	13,574,199.00	490,280	6	6	5	1	0	
	UMUAGU IBEKU/UMUDA & AMAFOR ISINGWU (SECOND ADDENDUM)	24,507,350.00	10,063,500.00	14,443,850.00	9	4	3	1	5	
	UMUOGELE UMUAKWU	4,348,300.00	4,318,300.00	30,000	47	45	25	20	2	
	UMUOGELE/UMUAKWU ADDENDUM	985,500.00	1,170,500.00	-185,000	23	23	14	9	0	
	UMUAGBAI	28,942,270	10,963,400	17,978,870	38	16	16	0	22	16 PAPs paid
ANAMBRA	AMACHALLA	7,732,635.80	7,573,008.23	159,628.00	32	29	21	8	3	
	ABAGANA	6,932,550.00	6,932,550.00	0	18	18	9	9	0	

RAP IMPLEMENTATION										
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID	MALE	FEMALE	PAPS NOT PAID	REMARKS
	ST THOMAS AQUINAS/NEROS PLAZA	34,000,000.00	34,000,000.00	0	12	12	12	0	0	
	NEW HERITAGE OMAGBA	10,677,800.00	10,677,800.00	0	84	84	73	11	0	
	ABIDI-UMOJI	17,428,157.61	17,376,157.61	52,000.00	54	48	35	13	6	
	IKENGA - OGIDI	9,234,299.49	9,114,299.49	340,000.00	73	71	62	9	2	
	ENUGWU - UKWU	10,401,070.00	10,157,270.00	197,640.00	76	71	47	24	5	
	UGAMUMA – OBOSI	8,949,499.25	8,829,499.25	195,552.84	100	98	80	18	2	
	OMAGBA SUPPLEMENTARY	13,983,500.00	13,983,500.00	0	7	7	6	1	0	
	AMACHALA SUPPLEMENTARY	1,036,878.53	1,036,878.53	0	1	1	0	1	0	
	OJOTO	70,870,931.00	65,533,846.00	722,270.00	131	128	64	64	3	
	NNEWICHI	96,596,165.00	96,596,165.00	0	114	114	105	9	0	
	NKPOR FLYOVER	23,630,390.00	22,696,210.00	934,180.00	56	53	45	8	3	
	IRE OBOSI	23,808,520.00	23,441,790.00	336,730.00	71	70	44	26	1	
	ABAGANA SUPPLEMENTARY	4,325,400.00	3,128,950.00	1,196,450	143	117	74	43	26	
	EKWUEME SQUARE/HIGH COURT	529,250.00	529,250	0	10	10	4	6	0	
CROSS RIVER	NYAGASANG	18,602,450.00	1,052,450.00	17,550,000	26	13	4	9	13	
	ATAKPA	4,550,000.00	3,925,290	624,710	59	59	43	16	0	
	IKOT EKPO	51,050,000.00	40,484,800.00	10,565,200	100	16	3	13	84	
	IKOT ANWATIM	229,786,985.00	7,224,200	222,562,785	324	21	10	11	303	
	EDIM OTOP	65,950,000.00	35,334,050	30,615,950	309	43	17	26	266	
	LEMNA/AGRIC	165,373,736.00	19,201,771	146,171,965	39	38	17	21	1	
DELTA	MIDOMA	75,425,787.70	74,909,881.35	515,906.35	65	57	47	10	8	57 PAPS paid
EBONYI	EBIA RIVER	69,801,840.00	9,472,600.00	60,329,240	1051	561	312	247	490	559 persons compensated then a shrine

RAP IMPLEMENTATION										
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID	MALE	FEMALE	PAPS NOT PAID	REMARKS
										and family asset
	IYIOKWU ABAKALIKI INT'L MARKET	143,368,091	17,161,600.00	126,206,491	204	119	71	44	85	115 PAPS paid. Also, a shrine, school, church and recreational park were compensated
	IYIUDELE RIVER	405,236,250.00	107,278,836.00	297,957,414	634	56	45	7	578	52 persons were paid. Then 3 churches and a community development facility were compensated
	ODUNUKWE NKALIKI	181,308,200.00	76,664,973.00	104,643,227	347	164	125	34	183	2 more PAPS were paid resulting to 159 persons paid. Also, 2 churches, a school, a mining company and a farm were compensated
EDO	AUCHI	487,628,020.00	479,405,620.00	8,222,400	121	118	83	35	3	
	EKEHUAN	10,120,000	2,920,000	7,200,000	10	3	2	1	7	
	QUEEN EDE	155,443,501	135,199,881	20,243,620	26	25	17	8	1	
	IBORE ESAN	69,034,050	67,589,050	1,445,000	92	86	70	16	6	
	EWU ESAN	49,808,650	45,718,100	4,090,550	57	55	32	23	2	
	AUCHI ADDENDUM	19,000,000	19,000,000	0	5	5	3	2	0	
	QUEEN EDE	15,000,000	15,000,000	0	7	7	6	1	0	

RAP IMPLEMENTATION										
STATE	SITE	AMOUNT APPROVED PER SITE	TOTAL AMOUNT PAID (N)	OUTSTANDING BALANCE (N)	TOTAL PAPS PER SITE	TOTAL PAPS PAID	MALE	FEMALE	PAPS NOT PAID	REMARKS
	ADDENDUM									
	EWU ADDENDUM	1,100,000	1,100,000	0	4	4	4	0	0	
	IBORE ADDENDUM	10,976,000	10,976,000	0	6	6	6	0	0	
	EWU ADDENDUM 2	20,305,220	19,982,220	323,000	78	75	31	44	3	
	IBORE ADDENDUM 2	6,750,800	6,645,800	105,000	40	39	30	9	1	
	GAPIONA	462, 905, 160.00	124,249,375	338,655,785	80	28	20	8	52	28 PAPS paid
	URORA	211, 974, 300.00	104,848,000	107,126,300	74	13	9	4	61	13 PAPS paid
	OGISO_OSUNDE	31, 306, 361.33	3, 199, 880	28, 106, 481.33	49	11	4	7	38	11 PAPS paid
	IGBEI	91, 548, 500.00	8, 695, 000.00	82, 732, 500.00	65	7	7	0	58	7 PAPS paid
ENUGU	NINTH-MILE GULLY SITE	3,901,760.00	3,901,760.00	0	88	88	68	20	0	
	AJALLI	9,900,000.00	-	9,900,000.00	0	0	0	0	0	
	Umuavulu Abor	11,243,708.00	11,123,708.00	120,000.00	67	66	41	25	1	
	Enugu Ngwo	19,848,567.72	18,469,804.88	1,378,762.84	286	271	185	86	15	271 PAPS paid
	Agbaja Ngwo	759,000.00	759,000.00	0	4	4	1	3	0	4 PAPS paid
		2,776,070,115.79	1,923,620,404.17	1,610,520,749.89	5,614	3,262	2,175	1,072	2,352	

In all the sites visited, the Mission discovered that RAP had been implemented to a large extent. Beneficiaries confirmed that they were duly paid compensation for landed properties, shrines, farmlands, institutions, etc. The story of Mr. Effiong Kanu Ekpo, in Ikot Ekpo Community of Cross River is a reference case, where he narrated how he hardly slept during raining season prior to the intervention of NEWMAP. He explained that the compensation paid was used to build a three-bedroom flat and an additional two-bedroom apartment for rent. He disclosed that the balance from the compensation was used to train his child to the level of obtaining a degree in Medicine. Other beneficiaries are said to have used the funds to start new businesses, expand already existing businesses, trained their children in school, or used it to improve their lives in other areas.

In Owanta Midoma community of Delta State, a widow, Mrs. Rita Modi, who was compensated, explained that her life was being threatened and her house was at the verge of collapse. The funds were used to acquire another property. In addition, Mrs. Caroline Ojiuba of Ojoto community in Anambra State, reported that the compensation was used to establish trades for her children and to expand her own business.

In line with achieving the target of developing 38 Catchment Management Plans across the Project, significant progress was made in the sense that 7 more Plans were developed by Ebonyi State as compared to 21 reported in November 2019. This brings to a total of 28 catchment Management Plans developed for the 7 States visited. Out of these States, Delta and Abia are making headways in terms of implementation of these plans at least in small scale. 2 Plans for Cross River have been approved for implementation. All the States visited have been advised to explore implementation of quick wins in order to reap the benefits from the plans developed.

DEVELOPMENT OF CATCHMENT MANAGEMENT PLANS		
STATE	SITE	STATUS
ABIA	UMUEZEUKWU	DEVELOPED
	AMUZUKWU	DEVELOPED
	AMUDA ACHARA	DEVELOPED
	UMUDA/ UMUAGU/AMAFOR	DEVELOPED
	UMUOGELE UMUAKWU	DEVELOPED
ANAMBRA	ABAGANA	DEVELOPED
	AMACHALLA	DEVELOPED
	OMAGBA/NEW HERITAGE	DEVELOPED
	ST. THOMAS AQUINAS/NEROS PLAZA	DEVELOPED
CROSS RIVER	ATAKPA	DEVELOPED

DEVELOPMENT OF CATCHMENT MANAGEMENT PLANS		
STATE	SITE	STATUS
	EDIM OTOP	DEVELOPED
	NYANGASANG	DEVELOPED
	IKOT EKPO	DEVELOPED
	IKOT AWATIM	DEVELOPED
DELTA	MIDOMA/EWEREBOR EROSION SITE	DEVELOPED
	OBOMKPA EROSION SITE	DEVELOPED
	OGBE-OKWE/UKWU-NZU EROSION SITE	DEVELOPED
	UBULU-UKU EROSION SITE	DEVELOPED
	JESSE EROSION AND FLOOD SITE	DEVELOPED
EBONYI	IYI OKWU- INT'L MARKET FLOOD SITE	DEVELOPED
	ODUNUKWE -NKALIKI -HATCHERY ROAD FLOOD SITE	DEVELOPED
	IYI UDELE FLOOD SITE	DEVELOPED
	EBIA FLOOD SITE	DEVELOPED
	ASUMUNAGA	DEVELOPED
	OLD WATERWORKS	DEVELOPED
	OFEREKPE-AKAHUFU-ODUMOWO	DEVELOPED
ENUGU	9 TH MILE	DEVELOPED
	AJALI WATER WORKS	DEVELOPED

3.2 f. OTHER BENEFICIARIES ALONG THE PROJECT CORRIDOR

For Climate Change resilience, conservation club was put in place to encourage students in participation of environmental issues. The conservation club sponsored by NEWMAP also encouraged tree planting. This is aimed at achieving the objective of Component 3 by reduction of carbon emissions.

Chief Anthony Ngene, resident at Amachalla intervention site in Anambra State thanked NEWMAP for the construction of the road that had divided the community and separated families. He said the road was devastated and threatened lives and properties. Similarly, the Community Chairman, disclosed that the restoration of the gully has improved the biodiversity in the area. He suggested that the rehabilitated site can be used as a tourist attraction center that will generate income for Government. Also, Sir. Engr. Chris Ejike Agu of Enugu Ukwo, Enugu State, said the intervention had created jobs for the youth in the community. Such jobs include masonry, iron bending, craftsmanship, etc. These jobs have reduced restlessness and improved the economy of the community.

Water Harvesting:

Water harvesting scheme is an integral part of the Project implementation. The approach is aimed at reducing the volume of surface run-off especially to the lower watershed. In the States visited, Cross River State was found to have made appreciable impact in its implementation. Members of the communities where this facility has been installed spoke on its benefits in their family lives. Mrs. Ojene Offiong Ekpo told the Mission that her family was excited and grateful for the water harvesting facility in their compound. According to her, the water stored in the tank was being used for domestic purposes, apart from drinking, by members of her family and neighbors in the community. One of her neighbors, Mrs. Life Uwem explained that the facility had reduced the difficulty her family faced in getting water from distant places and expressed gratitude to NEWMAP for citing it close to her residence.

3.2.g. COMPLIANCE TO SAFEGUARDS MEASURES/GRM AND OTHERS

As recommended during the 2nd MTR and previous Missions, PMUs were mandated to adhere strictly to Environmental Health and Safety (EHS) guidelines to prevent incidences and fatalities at Project sites and work yards. In compliance to this directive, PMUs have taken steps towards the implementation of these measures which include erection of perimeter fencing, engagement of flag men and security personnel, provision of whistle, safety signage, stretchers, first aid boxes etc.

In all the sites visited, the PMUs were at several degrees of compliance to safeguards measures. To buttress this, Anambra is setting a good example in this regard. Abia State is also doing well while other states are at average levels of compliance; Edo is the least compliant in safeguards measures especially with regards to perimeter fences and safety signages at sites.

Environmental Health and Safety (EHS) Officers had been engaged by the Contractors in all the States Visited (Edo, Delta, Anambra, Enugu, Ebonyi, Cross River and Abia) though some contractors are yet to train their Safety Officers in operation specific tasks; States like Edo and Cross River should improve on emergency preparedness on how to rescue casualties from accident points.

Most of the States visited had conducted Occupational/Community Health and Safety (OHS/CHS) for the affected persons and communities while Delta, Ebonyi and Enugu were in the process of implementation as at the time of this Mission. Where signages were not available, the affected States were asked to quickly put them in place within a week. In Abia State, the team noted that the three completed sites visited were well branded with signages, this include sites in Anambra State.

Labour/community survey was carried out using one-on-one and mass evaluation approaches to assess the applicability/usefulness of the additional safeguard measures put in place in all NEWMAP Sites. The responses confirmed effectiveness of these measures and the people are grateful to NEWMAP/World Bank for them. With regards to GRM structures, PMUs presented evidence of conflict resolution through the Grievance Redress Mechanism such as GRM register, GRM boxes, etc.

4. Communication & Social Impact: The Change

NEWMAP is currently intervening in 22 states and numerous sites. Feedback from stakeholders and beneficiaries are very encouraging. For instance in Anambra, the impact of the project is considerably high. It is much more successful based on community ownership and state government support with adequate mobilization and sensitization. Project Affected Persons (PAPs) cut across the Upper, Middle and Lower Watershed of the project sites. With majority of the affected persons being the poorest of the poor and the vulnerable groups.

► Beneficiaries /Stakeholders Speaks through the Camera Lens:

	<p><i>Mr. Mike Ivenso Project Coordinator Anambra State NEWMAP:</i> spoke to the Data Validation Team on the positive impact of NEWMAP in the State, and the support of the state Government. He also discussed on the behavioral change attitudes of those living along the remediated gully areas as well. <i>Click on the Centre arrow of the video to watch</i></p>
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Here **Joseph Kalu** a beneficiary and part of the Fishery community interest group took to another level to demonstrate his appreciation to NEWMAP. (from which state and site/community)

Click on the Centre arrow of the video to watch



Barr. A. E. Nweze Comptroller, Nigerian Correctional Services, Awka

“I want to thank NEWMAP for the clean Cookstove I can’t say much because in latin we say *Ipsa locust est* (the fact speaks for itself) am happy you saw it while we are cooking. I only wish to appeal that for you to extend this gratis to Nnewi and Aguata custodial centers. Thank you NEWMAP.” ***Click on the Centre arrow of the video to watch***

► **Comprehensive Communication & Impact in Annexure A**

Beneficiary	Statement
	<p><i>Mrs. Caroline Ojiuba, from Ojoto Community in Anambra state.</i> “I was compensated and I used it to establish trade for my children who finished school but doesn’t have anything doing and also to expand my own business. I am grateful to NEWMAP for this intervention.” <i>Click on the Centre arrow of the video to watch</i></p>
	<p><i>Mr. Ibegbuna Nwaefo (Abagana, Anambra state)</i> “I am very happy with this business. God bless NEWMAP for this opportunity We have been processing cassava for the community. We process up to 10 bags of cassava into Garri on a good day and this has really improved our standard of living. We share the profits among ourselves and I use mine for my family upkeep, educating my children and paying other bills.” <i>Click on the Centre arrow of the video to watch</i></p>
	<p><i>Mr. Mr. Akabueze E.I, Deputy Comptroller of Corrections Awka Custodial Center:</i> “We are lucky to have benefitted from the NEWMAP Clean Cook stove. The stove is safer. The smoke emission goes out through its chimney unlike before now when the smoke disturbs the eyes. Now we use less woods!”</p>



Mr. Okube Sunday Owanta gully corridor Delta State

I just want to thank God for NEWMAP. It was a dream we thought will never come true. We are seeing the dream coming true now. Barely 1 year and 6 months now, had I run away from my house with my children. I relocated, looking for family house. When the rains started, we thought it was a joke.”

Click on the Centre arrow of the video to watch



Mrs. Okoh Dada : Owanta gully corridor Delta State

“The NEWMAP Project has given me a great joy in life. The gully separated most families that lived here. Today, a wonderful work has started in that gully. We thank the World bank, NEWMAP and everybody concerned. With what we are seeing, it shows that a bigger work is been done and a wonderful thing is going to be done there.”

Click on the Centre arrow of the video to watch



Elder Kalu Uka member Nguzu Agro processing farm. (Nguzu Edda, Ebonyi State)

“We thank NEWMAP for coming to our aid. The Grant has made palm oil processing venture very easy for us unlike before when the processes was very rigorous. We process average of 20 drums daily.”

Click on the Centre arrow of the video to watch



Mr. Joseph Ezeigwe, Community Association Chairman, Ebia River, Ebonyi State. “No casualty, washing away of crops and houses since NEWMAP came! We also thank NEWMAP for compensation and cook stoves.”

Click on the Centre arrow of the video to watch



Hon. Chinedum Johnson Okata of Umuogele community Abia state.

“We now have water with solar power system and a new town hall in Umuogele, the coming of NEWMAP has impacted both the indigent ones. The economic life of our people has changed for good and our road is now motorable.”

Click on the Centre arrow of the video to watch



Mr. Offiong Kanu Ekpo, site Committee Chairman, Ikot Ekpo, Cross rivers state.

“I will always be grateful to NEWMAP for ensuring compensation through the RAP programme and the grant to engage in alternative livelihood. I was able to use the profit from NEWMAP livelihood programme to build a new house and trained my son in the university” Ekpo, is a retiree.



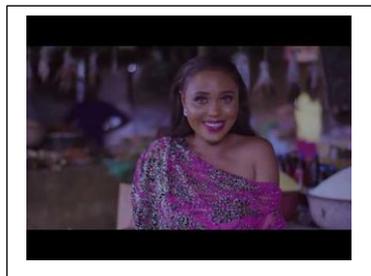
Mrs. Dorothy Jacobs Umuogele Abia State.

"The compensation fund was very useful to me, I used part of it to take care of my husband's medical bills and also enrolled my child to school, I also received a cook stove, it helped me to cook seamlessly especially at night when I return from farm." *Click on the Centre arrow of the video to watch*

The Project has recorded appreciable progress since inception and its performance in the Financial Year 2019, was adjudged to be very impressive, especially the successful outreach and its social impact. In all the sites visited, the team interacted with beneficiaries and stakeholders. The communities visibly excited, expressed appreciation to NEWMAP and the World Bank. Success factors of implementation based on outreach and impact is very huge especially in terms of stakeholders' outreach on advisory services

An appraisal of the updates and successes reveals that the Project's pre -intervention strategy in - sighted into the Communication Needs Assessments (CAN) and the NEWMAP Social Livelihood Programmes were huge catalyst to the changes recorded thus far. This is evidently represented in table for Theory of Change)

Public Information campaign accounted for the general information on the projects planned reforms through workshops and town hall meetings in the states to build a critical mass of people within the general population who are knowledgeable enough about the reforms to provide a good environment for project implementation. In other states the campaign delivered through mass media to build awareness and increase knowledge on the ongoing interventions and their benefits throughout the state. The mass media campaigns were complemented by public participation mechanisms that engaged opinion leaders and stakeholders to reinforce the key messages at the local level through various forums.



Behavior Change Communication focused on adoption of NEWMAP principles for improved land use, Watershed management and Environmental management practices. The thematic communication programmes of the second phase was based on progress of interventions and the emerging issues identified over the first four years. All campaigns were through a behavior change approach integrated with all communication efforts. Most wonderful are the CSOs, NGOs, social, and religious networks in project states who were channels and influencers communicating with the people ‘face-to-face’. In most cases radio programme has been a very central activity for this phase.



5. Debrief/Wrap Up

Wrap Up sessions were held in every state the Mission visited, observations were made highlighting the implementation gaps and the agreed actions to be taken to address the gaps within quick realistic timelines, and also for the PMUs' preparedness regarding Project closure. PMUs were advised on adopting strategies such as low hanging fruits in the CMP that will help in reducing vulnerability to erosion. To prepare for Project closure, PMUs should ensure that RAP Completion Reports are available, in preparation to the RAP Audit.

PMUs were asked to ensure more signage and caution signs are displayed on site including stronger reinforcements of barriers added to the red flexible tapes in place. Pictures of before intervention and current stage of work done should be made available on site as this gives a vivid picture of the magnitude of the intervention. Based on lessons learnt, the team advised the SPMUs to form a minimum of 2 waste management CIGs per site.

6. OBSERVATIONS AND RECOMMENDATIONS

At the end of the Mission, the following are some observations:

- (i) NEWMAP has positively affected the lives of thousands of people in different communities across Nigeria.
- (ii) Some of the CIGs expressed the need for expansion to further reap more profits and gains.
- (iii) Perimeter fences yet to be completed in some of the sites visited while the red and white caution tapes were used instead. This does not guarantee safety and poses great risks.
- (iv) Hazards/Risks analysis was conducted on some of the active sites visited using the World Bank tool provided and it was deduced that the risk level for most sites could be graded to be moderate. Virtually all the beneficiaries of cook stoves requested for additional supply.
- (v) SPMUs are yet to put in place the RAP Completion Report.

6.1 RECOMMENDATIONS:

Arising from the interactive sessions with the SPMUs and the observations made above, the Mission provided the following recommendations:

- (a) FNGOs should improve community engagement and develop an exit strategy that would lead to sustainability of the Community Associations and the Community Interest Groups.
- (b) SPMUs should ensure the immediate erection of perimeter fences, installation of safety signages and other access control devices in all the Project sites.
- (c) Affected SPMUs should enforce contractors' compliance with Environmental and Social/Safety Rules.
- (d) SPMUs should, without further delay, set up CIGs in areas of waste management to further protect rehabilitated sites and essentially to prevent waste dumping.
- (e) GRM structures should be improved and effective.
- (f) SPMUs should prepare a RAP Completion Report and submit to the FPMU in preparation for RAP Audit.
- (g) Training of CIGs and Community Associations, as well as provision of token amount of money for logistics should be considered by SPMUs.
- (h) There should be improved collaboration between the SPMUs, MDAs and LGAs with a view to ensuring Project sustainability.
- (i) SPMUs should increase monitoring at the sites to ensure EHS compliance/procurement of recommended additional safeguard equipment including adequate training of contractor's staff e.g the HSE Officers
- (j) SPMUs to seek institutional collaboration for waste management even as they focus on creation of Waste Management CIGs while community awareness on same should be intensified.
- (k) Affected SPMUs should submit the requested EHS reports from Nov 2019 – February 2020 for collation
- (l) Climate Change Unit of the FPMU should ensure availability of the bio gel and briquette for effective use of the clean stoves.

7. CONCLUSION

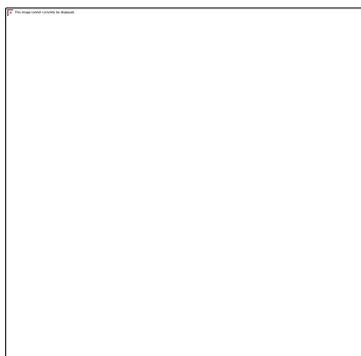
The implementation of the Nigeria Erosion and Watershed Management Project (NEWMAP) in different parts of Nigeria has taken away frustration, threat to lives and properties. The Data Validation Team commended the efforts of the Project Coordinators and their entire teams for the support towards the success of the Mission. The Mission noted that truly, a lot has been achieved by the Project and encouraged states to increase visibility of Project success stories. The PMUs promised the visiting team that all agreed actions would be taken seriously and implemented within the agreed timelines.

Action	Timeline
Safeguards signages should be in place at all sites. This also include perimeter fences at sites.	Before 31 st March, 2020
Sensitization of contractors and community on safeguards measures	6 th April, 2020
Quick wins for CMP should be identified for implementation	13 th April, 2020
Waste Management CIGs should be formed and functional	Immediately
Compliance with EHS check list	2 weeks
To improve the functionality and effectiveness of GRM structures in sites	2 weeks
RAP Completion Report to be in place by all PMUs	13 th April, 2020
FoNGOs and PMUs should help CIGs in terms of documentation for retirement	Immediately

ANNEXURES – VISUALS AND TESTIMONIES OF BENEFICIARIES

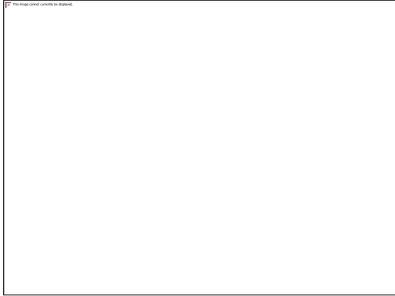
Delta State

Civil Works



Mrs. Ngozi Eluma (Action Woman)

Mrs. Ngozi E (Action Woman), Owanta Community: “I thank God Almighty. I thank you all that are involved in this project. I also thank our amiable Governor Sen. Dr. Ifeanyi Okowa. World Bank and NEWMAP, I salute and say igwe! In my life, I have not seen an erosion so devastating as this Owanta gully erosion. NEWMAP has started working on the gully for about 2 months now but around this time annually, we would have relocated from our houses. We couldn’t even sleep comfortably. Since NEWMAP entered the site, we now sleep very well. We can relax now. On two occasion that it has rained, the water runoff is not as scary as it used to be again. May God give NEWMAP and the contractor the power to do the job successfully according to specification. May God give you all long life also. May God watch over your steps. God bless you. May God bless and uplift the Governor also for what he has done for us. We are indeed, very grateful.”



Mrs. Moseri

Mrs. Moseri, Seamstress, Owanta Community: “We are very happy now that the gully erosion is been attended to. Before now, we have been suffering a lot. We usually find it extremely difficult to move around the neighborhood due to the devastating effects of the gully. Right now, we can move freely again due to the intervention of NEWMAP. We are enjoying the road once again. We are very happy. Being separated by the gully before now, we had to trek a long distance in order to access a nearby building opposite us. Today, all that is in the past now. As a tailor, the gully affected my shop adversely. I had to relocate because customers found it difficult to get to my shop. Now that I am back, more customers are patronizing me because of the ongoing construction of road done by NEWMAP. God bless NEWMAP.”



Elder Samson Egwu

Elder Samson Egwu, Chairman, Owanta Community Association: Since 2017 we have been on this project. We have had series of meetings and workshops. This Owanta gully erosion has devastated the community in many ways. Efforts to call the government to

intervene have failed since almost 20 years. Fortunately, our Governor has intervened by keying into the NEMAP Project. Today, we are happy that the project is on. With what we have seen, we believe NEWMAP and the contractor are ready to deliver on their promises. Our people can now have a sigh of relief. We thank all those who have made this a reality.



Mr. Sunday Okube

Mr. Sunday Okube, Owanta Community: “I just want to thank God for what is happening now because it was a dream we thought will never come true. We are seeing that the dream is coming true now. Barely 1 year and 6 months now, I ran away from my house with my children. I relocated, looking for family house. When the rains started, we thought it was a joke. We carried out palliative measures all to no avail. Half of my building was swallowed by the gully hence, we ran away. Before NEWMAP intervention, the depth of the gully will swallow 2 to 3 of an electric pole. There was an incident that occurred which almost took my life and that was the day we ran away from the house, immediately I left where I was brushing my teeth outside, the place collapsed. NEWMAP intervention has made us to see a thing we never thought will happen. I thank God. The way they have started the work is commendable otherwise, the rain we witnessed recently, would have washed off everything. The road was well sand-filled. Before now, I never thought a work like this will be possible. I was thinking there is no hope again. There was a day half of the foundation of my building was eroded. I have 2 buildings close to the gully. My joy is that one of them saved and won’t be destroyed during intervention. I thank God for the state Governor, World Bank and the whole NEWMAP team for the management of the gully erosion.”



Mrs. Dada Okoh

Mrs. Dada Okoh, Owanta Community: “The NEWMAP Project has given me a great joy in life. This is because we never expected it for years. We have been in darkness as if we don’t exist in this community because of the gully. The gully has separated most families that lives together. Today, a wonderful work has started in that gully. We thank the World bank, NEWMAP and everybody concerned. With what we are seeing, it shows that a bigger work is been done and a wonderful thing is going to be done there. We believe that at the end of the project, our area (impacted area) is going to be a paradise of its own that people will come to see and copy an example from. I thank NEWMAP for exposing us to numerous trainings during this project including how to curb erosion, how to manage our waste, how to plant trees to checkmate erosion, so many trainings and seminars. I am immensely grateful and thanking a whole lot of you that have contributed to our welfare today. We are very happy. Whatever that is being given to us as compensation, we promise that we will use it properly in a way that will even make us to remember World Bank and NEWMAP”



Mrs. Rita Mordi

Mrs. Rita Mordi: “Today, I am very happy because my house is the only thing my late husband left for me and my children. The gully erosion pursued us from the building. After some years. We had to move into a rented apartment. But today am so excited seeing that work is on-going in the site. I thank God and thank the World Bank and NEWMAP for coming to our aid. May God bless you all”

Anambra State

Civil Works



Mr. Patrick Chukwumelu

Mr. Patrick Chukwumelu, Abagana Community: “I am so happy with NEWMAP’s intervention in my community. The gully divided our community into two and made it difficult accessing my relatives in the other part of the community. It was a very harrowing experience for me with my condition. I am happy that work has commenced and its moving on very well as you can see behind me, the last rain that fell some few days back went into the constructed channel and did not destroy anything. We are so relieved, and we thank the Anambra State government and the World Bank for bringing NEWMAP to our community.”



Mr. Tony Igwe

Mr. Tony Igwe, St Thomas Aquinas/Neros Plaza community: “It was always nightmarish prior to NEWMAP intervention when rainy season approaches as I was under a serious threat of my house being swept away as my house is almost at the edge of the gully. I would wake up every day very early in the morning to bag sands so as to give access for my wife to drive out and go to work, at times I do that even under the rain, I will be bagging the sand to create access. When it became practically impassable, we started parking our car at the estate opposite the street. But today, I thank God for NEWMAP because this road is not just motorable but a standard road. I am no longer worried or afraid of the raining season, I thank God who brought NEWMAP to come and save us otherwise I would have abandoned this property. I want to appreciate NEWMAP, and the Federal Government of Nigeria. in fact, on the completion of the remediation work, I am now convinced that Government is working. Kudos to NEWMAP.”



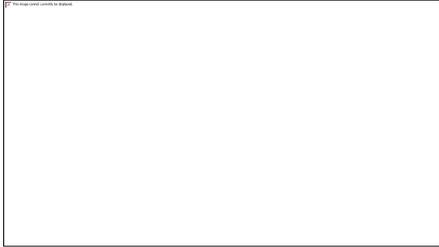
Chief Godfrey Chukwuma Nzeako

Chief Godfrey Chukwuma Nzeakor, Abagana Community: “The project has had a lot of positive impact in my community, formerly there was a very big gully right here that I am standing, in fact, a big bus fell into it and the whole community had to mobilize to bring it out. But today we are on top of it. There are much more changes with this new contractor unlike what we had before. Beside reconnecting Uruokpala, Uru, Umudunu and Adegbe villages, we have about 14 community interest groups comprising more than 10 persons with businesses established for them under livelihood support programme. We have people in poultry, piggery, fishery, grasscutter e.t.c. Our community also received the Compensation both during the former contractor Agonic to the tune of 6.5Million naira and even with this new contractor some people were also compensated. The effect of this project on our community is too numerous to mention. We had a training on Livelihood at Asaba, some of the leaders of the community were invited about 8 of us, we also had another training at Awka on conflict resolution apart from this, the NEWMAP office in Awka comes here from time to time to sensitize and teach our people so many things, We have learnt so many things and a lot of us has started fish farming, snail farming on our own because of what we learnt from this project.”



Mrs. Edith Oneka

Mrs. Edith Oneka, Abagana Community: “I thank God for NEWMAP, I am currently standing on a very deep gully, my house is just behind me and all kinds of reptiles used to come out from it to disturb me and my children and people always falls into the rivine whenever they want to cross to visit our relatives in the other side o the divide especially the elderly ones but today the story is different thanks to NEWMAP, we now sleep our two eyes closed and no more worries. They even paid us compensation and gave us money to start small business. Me am in snailry C.I.G. and thank God for NEWMAP. May God bless you all.”



Mrs. Antonia Offodile

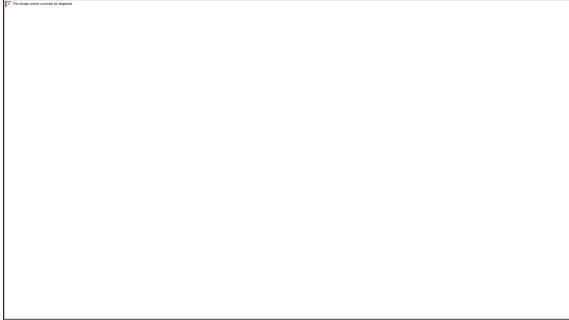
Mrs. Antonia Offodile, Amachalla Community: “I don’t know how to express my joy to NEWMAP, in fact, NEWMAP is another messiah. My house is just over there, and the gully kept coming closer upon every rainy season, people were already moving out of the neighbourhood and we didn’t know what to do until NEWMAP came and performed their magic. Today the whole place looks like oversea. Business are back and we now have a hospital around the corner, something that was not there before now. We are grateful and pray God to bless NEWMAP.”

Resettlement Action Plan (RAP) Beneficiaries



Mrs. Catharine Chiki

Mrs. Catherine Chiki, Abidi-Umuoji Community: “Before now, this road was unpassable, whenever its rainy, we just get ready and carry our things up, and we thank God that you people came, today whenever it rains, we are no longer afraid. My land was impacted by the project and I was compensated, I used the money to start business and to pay school fees for my children. Today I am very happy. The project also gave us stove which I am using. I thank God for the project”



Mr. Gabriel Chuks Njiwe

Mr. Gabriel Chuks Njiwe, Abidi Umuoji Community: “I happen to be one of the people compensated from the parcel of land I was having up there, I used the money to buy another land, you can see that I am very happy, my community I very happy over what NEWMAP is doing. Before the arrival of NEWMAP, this community was in a very sorry site. But today different people now ply the road, this is like an express and we are overwhelmed and very happy with what you have done.”



Mrs. Caroline Ojiuba

Mrs. Caroline Ojiuba, Ojoto Community: “I was compensated, and I used it to establish trade for my children who finished school but doesn’t have anything doing and also to expand my own business. I am grateful to NEWMAP for this intervention”



Mrs. Cordelia Ndubuisi

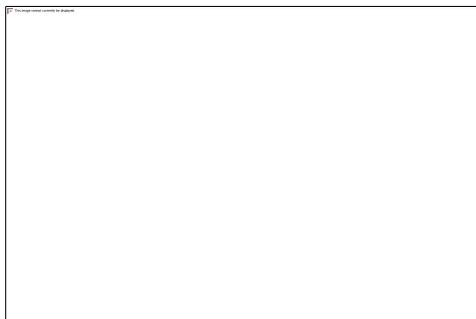
Mrs. Cordelia Ndubuisi, Ojoto Community: “I want to thank NEWMAP, when this project started, I was part of it, I was compensated and I used it to pay some of my children’s school fees, I also benefitted from the cook stove, I thank the project, for their kind gesture.”

Livelihood Activities



Chief Onu

Chief Onu, Abagana Community: “I am the leader of Umunne Cassava Processing, we are very happy with this business. We have been processing cassava for the community. We process up to 10 bags of cassava into Garri on a good day and this has really improved our standard of living. We share the profits among ourselves and I use mine for my family upkeep, educating my children and paying other bills and in terms of the sustainability, since garri is a common food for everybody, we will always have customers. I thank everybody that has contributed to the success of our CIG and I thank NEWMAP for supporting us”



Mrs. Angela Unudoba

Mrs. Angela Unudoba, God’s Own Fish CIG, Omagba: “I thank the NEWMAP team for the intervention first and most importantly the formation of the CIG. We were trained on how to keep our accounts and how to buy our stocks. We were given money and we used it to construct these ponds here including the water tanks. We have over 200 fishes and we sell every six months. The proceeds from this business are plough back into the business and sometimes shared when we make enough sales. I am so happy that this has really improved our standard of living.”



Mrs. Njideka Obasi

Mrs. Njideka Obasi, Success Poultry, Omagba: “We were formed by NEWMAP and trained on how to go into poultry farming and since 2015 we have been brooding chickens. The NGO from time to time comes around to inspect and supervise what we are doing. This has helped us in no small way. We are very grateful to the World Bank and NEWMAP for this opportunity. We have been sharing chickens and profit.”

Clean Cook Stove Beneficiaries



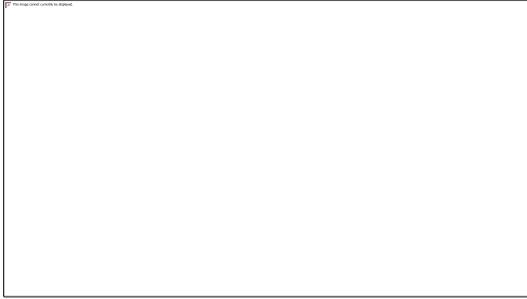
Mr. Edwin I. Akabueze

Mr. Edwin I. Akabueze, Deputy Comptroller of Corrections, Awka Custodial Centre: “This pot was donated to us by NEWMAP, before now we were using big iron pot with firewood of about a N100,000 – N120,000 every month but now it has reduced to N50,000-N60,000. Again, this one is safer, because the smoke emission goes out through its chimney unlike before now when the smoke keeps disturbs the eyes. We have gone around to see if there is a possibility of buying extra but we couldn’t find it anywhere. When the pots started leaking, I called a local tinker who repaired it so personally I am very grateful.”



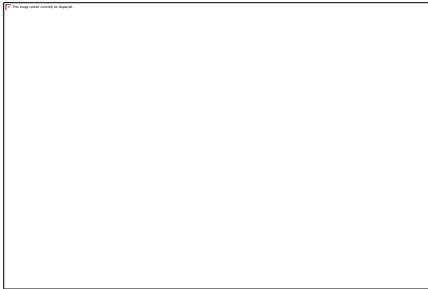
Mr. Nnamdi Abua

Nnamdi Abua, Cook, Awka Custodial Centre: “We don’t suffer anymore since we started using this cook stove unlike before when we used to cook outside. Once its raining , we suffer a lot to cook but with this stove, we just stay indoors and enjoy the cooking and it cooks fast in the sense that within one hour the food is done and the smoke goes out through the chimney so there is no harm to our eyes un like before when we were cooking outside with firewood and coal pot. We are grateful.”



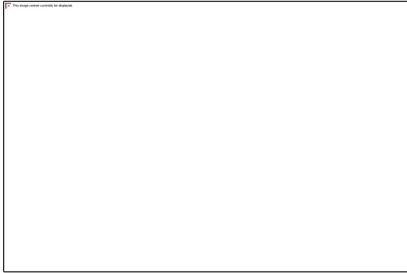
Barr. Emmanuel Nwankezie

Barr. Emmanuel Nwankezie, Comptroller, Nigerian Correctional Services, Awka: “I want to thank NEWMAP for this, it is the importance attached to this that made me leave my officer and come to join you when I heard you were coming. I can’t say much because in latin we say *Ipsa locust est* (the fact speaks for itself) am happy you saw it while we are cooking. I only wish to appeal that for you to extend this gratis to Nnewi and Aguata custodial center. Thank you”.



Mrs. Ifechukwu Emenike

Mrs. Ifechukwu Emenike, Urunnebo, Enugu-Ukwu Community: “I thank NEWMAP for the cook stove given to me, I received the charcoal stove and it has been very useful for me, during rainy season for instance we find it difficult to get firewood so all I do is to put some charcoal in the stove and before you know it food is ready. I thank you for this”



Mrs. Felicia Eboagu

Mrs. Felicia Eboagu, Principal Girls Secondary School, Abagana: “I am happy you introduced the conservation club to our school and ever since then the students has been keeping the right environmental practices. The NGO has been visiting us from time to time. On the cook stove, we are very happy, we are making use of the stove , it conserves firewood we don’t spend much money on firewood anymore, secondly, when cooking with the stove, it looks as if you are cooking with gas because of the speed it uses in getting the food ready. Today we cooked Ogbono and garri for this afternoon and we are getting ready preparing beans for the night. We appreciate NEWMAP so much for this gesture”



Rev. Canon Chigozie Aniето

Rev. Cannon Chigozie Anieto, Principal, Dennis Memorial Grammar School (DMGS), Onitsha

“I want to express my gratitude and heartfelt appreciation to NEWMAP for providing the 2 eco- cook stove to the school, we have put the stove in use and they have helped so much in reducing cost of gas and making cooking efficient and effective, we use it mainly for boiling water for making garri and other things, we read a book by Charles Dickson were it talked about a young boy named oliver who is always hungry and whenever they ask oliver what’s the problem is with him, he will always ask for more so we appeal to NEWMAP if they can give us more. We are very grateful”

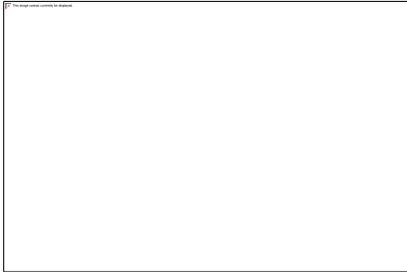


Mrs. Vivian Martin-Obika

Mrs. Vivian Martin-Obika, Ojoto Community: “I thank God for NEWMAP, Ojoto is happy and proud of NEWMAP, we are crying for erosion that almost swept off our community, but you people came with the compensation. This compensation has been very helpful for me, apart from that you also gave us cook stove. I use the cook stove to smoke fish; it doesn’t emit much smoke at all and the pots are clean whenever i finish using it. I thank you for this, may God bless you all”

Enugu State

Livelihood Activities



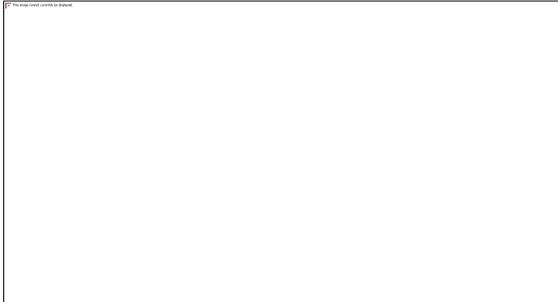
Mr. Ikechukwu Udenze

Mr. Ikechukwu Udenze, Gabion Box/ Welding Services CIG, Ugwuto-Nsude: “We want to thank the NEWMAP, the Enugu State Governor, Ifeanyi Ugwuanyi for this opportunity given to me. Before I was trained in this welding work, I was serving mason. We started this welding work since 2016. And since then, it has been going well. We have trained five boys who are now on their own, and also some school children when they returned from schools do come here for apprenticeship. We have donated iron poles, Iron gates, overhead tanks and even protectors to the community and individuals. It was NEWMAP who gave the training before we started. We use the profits made from this business in training our children in schools. We even donate money to the Community. We are grateful to NEWMAP, Enugu State and the World Bank.”



Mrs. Justina Agu (Wearing Cap)

Mrs. Justina Agu, Decoration, Hair Dressing and Event Management CIG, Ugwuto-Nsude: “We want to thank World Bank, Focal NGO, Enugu State and the Community, more especially the World Bank who assisted us on this programme. We started the programme in 2015 when we were trained by NEWMAP on event management, decoration and rentals. For the past two years, we have made some profits which we shared among ourselves. Last year we made some benefits which enabled our members to celebrate Christmas. Some of our members through these benefits were able to pay their children’s school fees. At least we have achieved much from the programme as we are able to buy more canopies, tables, chairs and so many other things. We are thanking you people for helping the widows to earn their livings. Thank you NEWMAP, our Governor Ifeanyi Ugwuanyi and others who are concerned in this business”

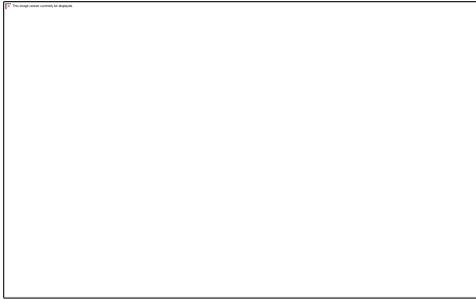


Dr. Dennis Udechukwu

Dr. Dennis Udechukwu, Ugwuto Nsude Livestock: “Our piggery farm started with only three pigs but today has grown tremendously like a mustard seed. Each of us, 25 in number has also established their own different piggery farms as a result of knowledge acquired from this thanks to NEWMAP who have exposed us to training in different areas including environmental management and sustainability. We thank the Governor of Enugu State RT. Hon. Ifeanyi Ugwuanyi, and NEWMAP for giving us the opportunity to benefit from the project and also the Ugwuto Community for erecting a security tower to provide accommodation for security men employed by the Community to safeguard these cluster of farm yard”

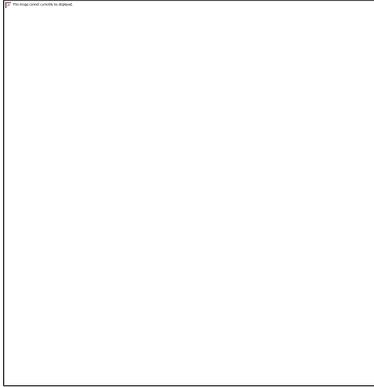
Ebonyi State

Civil Works



Mr. Thomas Ode

Mr. Thomas Ode, Chairman Site Committee Ebia, Ebonyi State: “NEWMAP is truly a life saver. The flood control work NEWMAP is intervening on cut across seven villages, before now nobody passes close to the river, it washes away crops and destroy houses but now everyone is safe, we are happy. We also thank NEWMAP so much for those that received compensation but importantly we so much appreciate the remediation work.”



Mrs. Mercy Okorie

Mrs. Mercy Okorie, Ebia River Community: “I want to thank NEWMAP for coming to revive our economic activities in our community. Before now we cross to the other side of the road with the help of wood due to flood and bad road but today, we are enjoying and rejoicing, the flood is no more disturbing us, the place is now fine, we now buy and sell with ease . We are very grateful”.

Livelihood Activities



Members of Nguzu-Edda Physically-Challenged Rentals

Mr. Emmanuel Kalu: Chairman, Physically-Challenged Rentals, Nguzu-Edda: According to their leader, Elder O.K. Okam “We are 50 in number as you can see, some of us are visually impaired and others have one physical challenge or the other but NEWMAP came and taught us that there is ability in disability. They helped us organize ourselves in a group which we registered. Today, we are dealing in rentals. All the people doing events in and around Nguzu Edda Community now comes to us to hire chairs, tables and canopies. The business is helping us in a very big way because we share the profits to take care of some of our family obligations such as feeding, school fees etc. and use some of it to service some of the equipment as well as save some because we want to see if we can expand the business since the demands has been so high and sometime we don’t meet the need of the community. We appreciate what NEWMAP has done for us in a very special way”

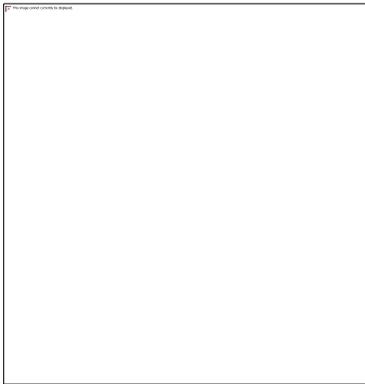


Members of Nguzu Edda Widows Cassava Processing Mill

Mrs. Legert Ugwuocha, Leader, Nguzu Edda Widows Cassava Processing Mill: “We thank NEWMAP for the cassava processing machine they brought for us to improve our standard of living. We are doing very well with it, we process the cassava into garri and sell them at the market, we were taught by NEWMAP how to record our sales and the profit we make from it we share and use in solving our personal needs, some use theirs to pay school fees for their children, others invest in their individual farming business and we also bring out some for the maintenance of the machine. NEWMAP na you biko”.

Cross River State

Those Around the Gully Corridor



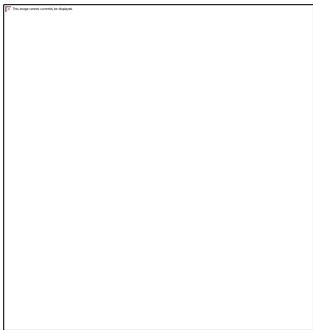
Mr. Bassey Edem

Mr. Bassey Edem, Ikot Ikpo: “I am very happy with NEWMAP, the gully was really affecting us in the area but since the work was done, we are now ok. we can now sleep well.

On the issue of water, i am very happy because we used to go to a far distance to fetch water and if we decide to fetch from the borehole in our neighborhood, we spend a lot of money. But with the installation of the rainwater harvesting, we can now get water free of charge and it is very close to us. we thank NEWMAP and government for coming to help us”.

Abia State

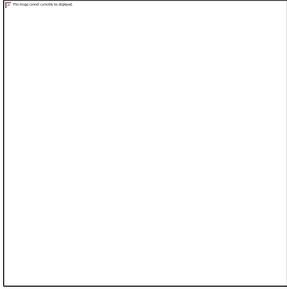
Civil Works



Mr. Moses Onwuka

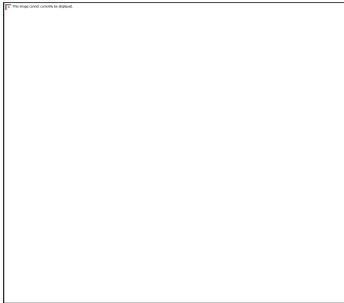
Mr. Moses Onwuka, Umuogele Umuakhwu, Community: “We went through a lot of difficulties before this erosion was controlled with the road that accompanied it. We found it so difficult using this road. We are very happy the way the road is now, this gutter had caused a lot of injuries to our people in the past but today it is has been well constructed and channelled properly and now there haven’t been any such casualties. I am also happy the way NEWMAP team handled erosion and that bridge. Now, when rain falls, it just a free flow for water to go through the bridge. We thank NEWMAP and Abia state government for this impactful project.”

Resettlement Action plan (RAP) Beneficiaries



Hon. Chinedum Johnson Okata

Hon. Chinedum Johnson Okata, Umuogele Umuakhwu, Community: “We now have water with solar power system and a new town hall in Umuogele thanks to NEWMAP. I benefited from the compensation they paid, i used the fund to open a provision store which is now helping me to train my children in school and take care of other family issues. The coming of NEWMAP into this community has impacted both the indigent ones and the economic life of our people which has improved for good. Today our road is now motorable. I cannot thank NEWMAP enough.”



Mrs. Patience Achumba

Mrs. Patience Achumba, Umuogele Umuakhwu, Community: “I was given money for in compensation for my land that was impacted by the erosion work and the money was so useful to me because I used part of it to treat my health challenges. If not for that money I wouldn’t

have been this healthy to talk to you. The way it is now in our community is far different from how it was before, there has been positive changes. I want to also thank NEWMAP for the stove given to me; it enables me to cook faster without much smoke.”

Edo State

Resettlement Action Plan (RAP)/Civil Works



Mr. & Mrs. Osaigbovo

Mrs. Anthonia Osaigbovo, PAP, Gapiona Community: “Previously, erosion used to disturb us a lot. I was compensated and I used it to start another business. I was paid Two Hundred Thousand Naira. There has been huge advantages. Everything has been fine. No more erosion and I no longer have to farm since I have started my business”.

Mr. Morris Osaigbovo, Beneficiary, Gapiona Community: “People here are happy as well as those from beyond. This

place is now a route for most of the people around this place. Everybody complied and cooperated because they were all humbled by the erosion. So we are all happy because they have solved most of the problems for us and what they are doing presently is the completion. We are happy and thank those doing the job. Had it been I knew that you people were coming, I would have arranged for one or two landlords to be here to tell you how they feel”.



Mr Osagiede

Mr. Sunday Osagiede, Chairman, Community Association, Uroro: “Before now, Uroro community was completely flooded. So far, there is relief as the work is on-going. We have over 300 landlords and 400 tenants in the community. We are grateful to NEWMAP, Edo State Government and World Bank for this intervention. At the end, we will meet and help NEWMAP to look after the project”.



Mrs. Odion

Mrs. Jennifer Odion, Fashion Designer/Project Beneficiary, Queen Ede Gully Community: “The whole area was very bad. The gully consumed houses, church and so on. This road was not here then, we were passing through jungle. My store was not here then. We had to relocate. It has changed, I am comfortable. I have trained up to 14 girls. The business has helped me and am able to assist others”.

CIGs



From left: Mr Azeta, Mrs Ajayi and Member, *Queen Ede Poultry Farm, Edo*

Mr. Irishoh Sunday Azeta: “We started in October 2016. We produce 5 crates of eggs daily, about 35 crates a week. We sell at N850 per crate though the market price is N900. I has helped the community. From the sales of chickens and eggs, we invest in the business”.

Mrs. Justina Ajayi: “No profit yet, but still trying to expand the business. We started with 150 birds and now we have 481. We thank NEWMAP, Edo State Government, Federal Government and the World Bank for the initiative. We haven’t been in poultry business before. We have learnt a lot about how to manage a poultry”

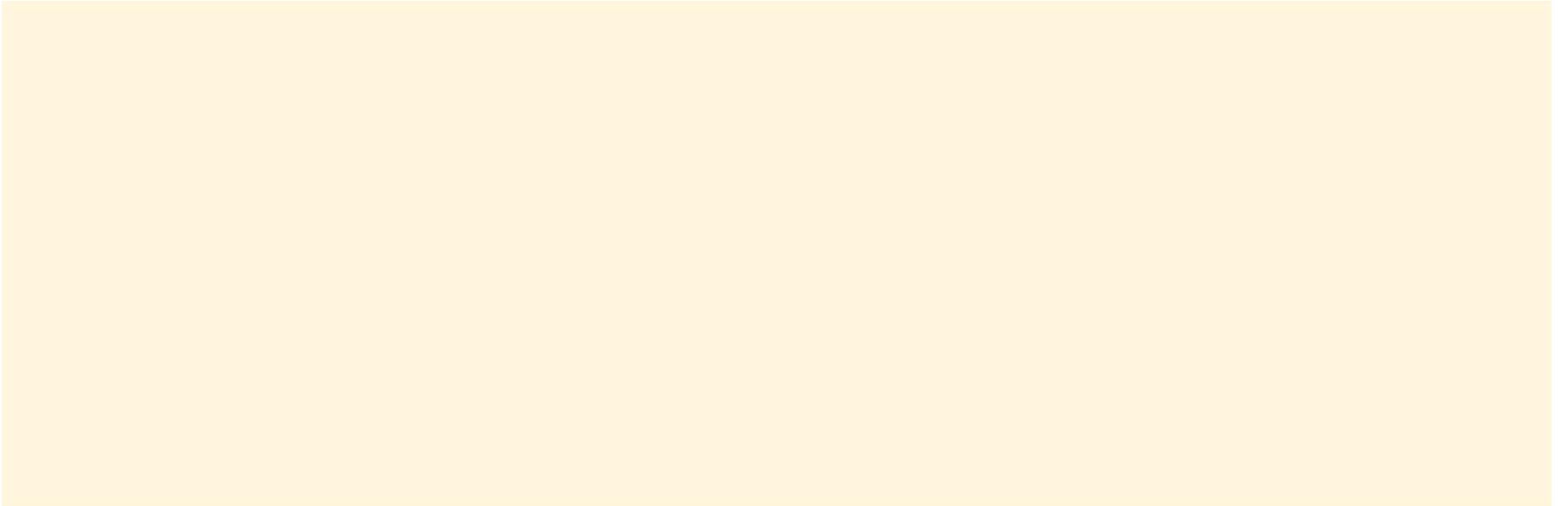


Photo Speaks

Meeting with PMUs



Edo PMU



Delta PMU



Anambra PMU



Enugu PMU