**NEWMAP Results Framework**

 **PDO Indicators by Objectives / Outcomes**

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| **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 | 25.00 | 55.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 25 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. Increment is from Ibore, Ewu, Urora and Edo College sites in Edo State. |
| Targeted gully complexes and other erosion sites with reduced severity level after treatment (Number) |
|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 33.00 | 63.00 | 55.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 63 sites have achieved at least 50% of works and have reduced in severity, this is an increase from 33 sites. The increase represent new sites in Katsina, Gombe, Niger, Edo among others |
| Area under bio-remediation in targeted sub-watersheds (Hectare(Ha), Custom) |
|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 1,432.79 | 1,658.1 | 400.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Increase from 1,432.79 to 1,658.1 hectares due to bio-remediation in majorly from Ondo, Kogi and Kano Afforestation activities. 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 | 2,201 | 2,618 | 400.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | A total of 2,618 hectares have been reclaimed as compared to 2,201 hectares reported in December 2020. This represents increases from Edo, Gombe, Ebonyi and Afforestation in Ondo State. |
| 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 | December 2020 | April 2021 | 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 | 2,201 | 2,618 | 20,000.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 2,618 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 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Process to implement Spatial management Information System has been ongoing. |
| Upgraded and newly installed stations providing data for integrated catchment planning (Number, Custom) |
|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 88.00 | 95.00 | 100.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | The increase from 88 Stations to 95 is due to further installations in Kano (4) and Kogi (3) States. Contracts have been awarded to be installed in Nasarawa (4), Gombe (3), Plateau (3) including 8 more driven by the FPMU to meet up with 100 Stations before Project end. This activity is towards strengthening the enabling environment and in line with providing information services for averting disasters and other risks. |
| 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 | 3.00 | 3.00 | 3.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Edo already had an existing Stormwater Master Plan. Abakaliki Stormwater Master Plan has been completed, same for Anambra Storm Water 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. |
| 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 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 2 draft final EIA thematic guidelines have been developed and submitted for clearance. |
| 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 | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Three institutions are expected to be declared as National Centers of Excellence, which include FUTO, UNILAG and NASRDA. NEWMAP has extensively supported the Federal University of technology, Owerri, Imo State. The FPMU is expected to finalize support to UNILAG before being declared National Centers of Excellence. |
| States with improved erosion risk mapping (Number, Custom) |
|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 16.00 | 16.00 | 19.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Improved erosion risk mapping implemented in 16 States namely: Abia, Anambra, Cross River, Edo, Enugu, Ebonyi, Imo, Akwa Ibom, Delta, Kogi, Plateau, Kano, Sokoto, Ondo, Katsina and Gombe States. Borno, Niger and Nasarawa pending, as well as Kaduna, Ekiti and Ogun States. |
| Community Interest Group collecting municipal solid waste in project intervention areas (Number, Custom) |
|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 9.00 | 9.00 | 50.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 9 waste management CIGs formed and functional in Ebonyi State. 89 waste CIGs have been formed in Kogi, Katsina, Sokoto, and Cross River States; the CIGs are yet to be functional (CAP is being reviewed). 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 | 31.00 | 55.00 | 38.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Increase from 31 to 55 CMPs cleared in States of Ebonyi (7) Sokoto (3) Cross-River (5), Abia (5) Anambra (4), Enugu (2) and Delta (5) Gombe (2), Katsina (6), Kano (3), Kogi (8), Plateau (5). 19 more have been developed and yet to be cleared in Edo (15),  |
| 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 | 176,904 | 185,058 | 90,000.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | Total number for this indicator stands at 185,058 (58.4% Male and 42% Female). This figure is an increase from 176,904 previously reported, representing increases majorly from Edo, Kogi, Niger, Katsina States among others. These are 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. |
| 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 | 19,971 | 25,491 | 12,000.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 25,491 households have benefitted from livelihood enhancement actitivies as compared to 19,971 reported in December 2020. The livelihood activities implemented are categorized into CIG implementation (4,360 households), Cookstove distribution (8,057 households) and SCCF implementation (13,074 households). 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 | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | This indicator tracks detailed design packages that will be left for Government to carry on erosion control beyong 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 | 7.00 | 7.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 7 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 (vii) Green Bond Impact Report |
| Climate adaptation /low carbon demonstration projects completed (Number, Custom) |
|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 13.00 | 42.00 | 10.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | NEWMAP has implemented 42 climate demonstration Projects. Increase from 13 to 42 is due to 29 carbon demonstration Projects implemented under SCCF across States. |
| 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 | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 1st Green Bonds issuance led to afforestation and Energizing Education (renewable energy/solar installation) projects across the country. 2nd 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 | 21.00 | 21.00 | 18.00 |
| Date | 08-May-2012 | December 2020 | April 2021 | 30-Jun-2021 |
| Comments: | 21 States submitting progress reports as compared to 19 States earlier reported, Kaduna and Ekiti now submitting reports. |