

Tier 1

Agency: Environmental Management Bureau (EMB) XI

| UACS | PROGRAMS/ACTIVITIES/ PROJECTS | BRIEF PROGRAM/ PROJECT DESCRIPTION | SPATIAL COVERAGE | | RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED | INVESTMENT TARGETS (IN PHP '000) | SOURCE OF FUNDS | REMARKS |
|------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------|---------|
| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | |
| | (a) ENVIRONMENTAL POLLUTION RESEARCH | Will analyze samples and will conduct determinations; Will calibrate equipment, attend calibration workshop and strengthening of laboratory services | Davao del sur, Davao del Norte, Compostella Valley Province, Davao Oriental, and Davao Occidental | all Congressional district in Region XI | | 5,724 | | |
| | (b) ENVIRONMENTAL EDUCATION PARTNERSHIP BUILDING | Will promote environmental education and awareness as well as partnership building /networking for protection of the environment | Davao del sur, Davao del Norte, Compostella Valley Province, Davao Oriental, and Davao Occidental | all Congressional district in Region XI | Training of Teachers on environmental education ; conduct of radio/TV programs/guestings;Strengthened Engagement of Private Sector in Youth involvement in Environmental Protection | 355 | | |
| | (c) ENVIRONMENTAL IMPACT ASSESSMENT | will promote the balance between environmental protection and economic development | | | | 1,297 | | |
| | | | | | ECCs and CNCs issuances | - | | |
| | | | | | monitoring of firms under PD 1586; CNCs validation | - | | |
| | | | | | 100% Compliance rate of firms under PD 1586 | - | | |
| | (d) ENVIRONMENTAL REGULATION POLLUTION | | | | | - | | |
| | (d.i) Implementation of Clean Air Regulation | Will maintain the air quality in Davao Region by enhancing implementation of RA 8749; strengthening the operationalization of DC airshed and establishing new ones | | | | 5,506 | | |
| | | | | | Air Quality Index is within Standards | - | | |

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| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | |
| | | | | | 639 monitoring of firm under RD 8749 | - | | |
| | | | | | 100% Compliance rate of firms under RA 8749 | - | | |
| | (d.ii) Implementation of Clean Water Regulations | Aims to monitor the water quality of rivers and beaches in Davao Region and implement programs to help improve the quality of degraded water bodies through multistakeholder collaboration | | | | 9,884 | | |
| | | | | | Water Quality Index is within Standards | - | | |
| | | | | | firms monitoring under RA 9275 | - | | |
| | | | | | 100% Compliance rate of firm under RA 9275 | - | | |
| | | | | | 2 Priority rivers monitored | - | | |
| | | | | | 20 Other waterbodies monitored | - | | |
| | | | | | 2 Priority beaches monitored | - | | |
| | | | | | 20 Other recreational water monitored | - | | |
| | (d.iii) Implementation of Ecological Solid Waste Management Regulation | Aims to provide TA in the implementation of RA 9003 and also in providing financial assistance to LGUs in the establishment of ESWM facilities like MRF and monitoring of LGUs regarding compliance to the said law. | | | | 33,407 | | |
| | | | | | 100% LGU Compliance rate of RA 9003 | - | | |

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| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | |
| | (d.iv) Implementation of Toxic Substances and Hazardous Waste management Regulation | Aims to strenghten the Implementation of RA 6969 particularly in regulating the importation, handling, distribution and disposal of chemicals and chemical substances that may pose threat to public health and the environment | | | | 1,702 | | |
| | | | | | 356 firms monitored under RA 6969; 470 HWG monitored | - | | |
| | | | | | 100% Compliance rate of firms under RA 6969 | - | | |
| | (e) Planning Information System Management Unit | | | | Information and communication technology equipment | 11,689 | | |
| | (e.i) climate change | | | | | - | | |
| | (f) Legal services and provision of secretariat to the pollution adjudication board | | | | | 269 | | |
| | | | | | NOVs issuance PD 1586 | - | | |
| | | | | | NOVs issuances RA 9275 | - | | |
| | | | | | 47 NOVs issuances RA 6969 | - | | |
| | (g) General Administrative and Support | | | | | 4,368 | | |
| | | | | | | | | |
| | TOTAL | | | | | 74,201 | | |

Tier 2

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|------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------|-----------------------|---------|
| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | | |
| | (a) ENVIRONMENTAL POLLUTION RESEARCH | Will analyze samples and will conduct determinations; Will calibrate equipment , attend calibration workshop and strengthening of laboratory services | Davao del sur, Davao del Norte, Compostella Valley Province, Davao Oriental, and Davao Occidental | all Congressional district in Region XI | | | | | |
| | | | | | Strengthening of laboratory services | 3,600 | | | |
| | | | | | -ICP (inductive couple plasma) for metal analysis) | 5,500 | | | |
| | | | | | -Fumehood (2 units) | 1,500 | | | |
| | (b) ENVIRONMENTAL EDUCATION PARTNERSHIP BUILDING | Will promote environmental education and awareness as well as partnership building /networking for protection of the environment | | | Teachers training on Envi Education, Private Sector Partnership | 670 | | | |
| | (c) ENVIRONMENTAL IMPACT ASSESSMENT | will promote the balance between environmental protection and economic development | | | | - | | | |
| | (d) ENVIRONMENTAL REGULATION POLLUTION | | | | | | | | |
| | (d.i) Implementation of Clean Air Regulation | Will maintain the air quality in Davao Region by enhancing implementation of RA 8749; strengthening the operationalization of DC airshed and establishing new ones | | | | | | | |
| | | | | | Purchase of Real Time Air Quality Monitoring equipment for Panabo , Mati and Davao City (Talom- Toril District area) and 2 Portable /Manual AQME | 50,000 | | | |

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| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | | |
| | | | | | Operationalization of Airshed (Road side inspection, PETC monitoring, Special events on Air, Governing Board meetings) | 1,500 | | | |
| | | | | | Air Quality Operations Center | 100 | | | |
| | | | | | Capacity Building for Air Quality Monitoring | 100 | | | |
| | | | | | Calibration equipment of Air Quality Monitoring Station | 500 | | | |
| | | | | | Operation and maintenance of AQMS | 300 | | | |
| | (d.ii) Implementation of Clean Water Regulations | Aims to monitor the water quality of rivers and beaches in Davao Region and implement programs to help improve the quality of degraded water bodies through multistakeholder collaboration | | | | | | | |
| | | | | | -Classification of Water Bodies (9 : 6 secondary rivers, 3 coastal areas) | 2,500 | | | |
| | | | | | -Designation of Water Quality Management Areas (Naboc & Davao Gulf- Sta. Cruz to Panabo City) | 3,000 | | | |
| | | | | | -Support Program to Water Quality Management of Samal Island and Davao Oriental Beach Resorts | 2,700 | | | |
| | | | | | § Water Quality Management Area Designation Process | - | | | |

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| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | | |
| | | | | | § Strengthened monitoring of beach resorts operation in the area | - | | | |
| | | | | | -Installation of telemetry monitoring system for Davao River and Talomo River | 2,500 | | | |
| | | | | | -Installation of LED Wall for the display of Monitoring Result open to the public | 1,000 | | | |
| | | | | | -Purchase of In-situ multiparameter (2 units) | 1,200 | | | |
| | | | | | -Establishment of Helophyte Wastewater Technology (Communal Sanitary Facility)in critical areas in Brgys within WQMA – 3 barangays (MOA with DOST) | 900 | | | |
| | | | | | -Conduct of Pollution Load and Characterization of Sources Research Study and Carrying Capacity Assessment of Davao and Talomo Rivers (to be contracted out) | 600 | | | |
| | | | | | -Conduct of Research on Fertilizer and Pesticide Application in Agricultural Areas within WQMAs and how to prevent the run-off going to the Rivers | 300 | | | |
| | | | | | -motor vehicle | | | | |
| | | | | | -Purchase of motorized boat | 2,500 | | | |

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| | | | PROVINCE | CONGRESSIONAL DISTRICT | | 2020 | | | |
| | (d.iii) Implementation of Ecological Solid Waste Management Regulation | Aims to provide TA in the implementation of RA 9003 and also in providing financial assistance to LGUs in the establishment of ESWM facilities like MRF and monitoring of LGUs regarding compliance to the said law. | | | | | | | |
| | | | | | -Solid Waste Alternative Technology (SWAT) | 25,500 | | | |
| | | | | | -Support to the closure & rehab of OD/CDF(Funding Assistance) | 30,000 | | | |
| | | | | | (Vehicle 4x4) | 1,700 | | | |
| | | | | | -other general services | 3,456 | | | |
| | (d.iiiv) Implementation of Toxic Substances and Hazardous Waste management Regulation | Aims to strengthen the Implementation of RA 6969 particularly in regulating the importation, handling, distribution and disposal of chemicals and chemical substances that may pose threat to public health and the environment | | | | | | | |
| | | | | | -X-Ray Fluorescent Analyzer (XRF) | | | | |
| | | | | | -PCB Screening | | | | |
| | (e) Planning Information System Management Unit | | | | -motor vehicle | 1,800 | | | |
| | (g) General Administrative and Support | | | | Initial Construction of EMB XI Bldg | 85,000 | | | |
| | | | | | -support to QMS (consultancy services) | 500 | | | |
| | | | | | -mandatories | 1,000 | | | |
| | TOTAL | | | | | 229,926 | | | |