PCIEERD IMPACT ASSESSMENT

Updated as of 29 February 2024

Overall Strategies

Human Resource

- Development of core competencies in the conduct of impact assessment
- Provide training on impact assessment both for researchers and program/project managers through the following:
 - Establishment of Community of Practice (CoP)
- Interchange of IA knowledge between third party experts and in-house employees
- Plantilla Positions for PCIEERD IA team

R&D Technologies

 expanded monitoring and evaluation process to cover beyond the 6Ps metric by including medium and longterm benefits.

Facilities / Services

- Provide researchers with impact assessment tools for completed projects
- Establishment of impact assessment team to facilitate IA implementation

S&T Policies

- Development of Impact Assessment guidelines, framework and protocols
- Updating/amendment of IA related guidelines
- Establishment of mechanism in improving the national development strategies and plans in the subsequent implementation of the projects and programs

2020

1.5M

- Benchmarking with other agencies
- Conducts in-house impact assessment on Vigormin technology
- Development of Impact Assessment Guidelines
- Access to IA related information
- Developed competency of PCMD and Policy TWG staff in impact assessment

ramework and protocols

10M

2021

- IA of Technicom Program
- IA of PAGASA/ PhilVolcs Projects
- IA of OneLab
- IA of Phil LIDAR Program
- IA of IDP Program
- 5 impact assessment reports
- 5 policy recommendations
- 15 personnel trained on Community of Practice

25M

2022

- 4 completed projects from different PCIEERD sectors
- Regional/regionbased impact assessment of projects
- 4 impact assessment reports
- 5 policy recommendations
- 1 Assessed regional impact of service delivery of programs/projects

25M

2023

- Industry 4.0 Program
- Food Innovation
- Water Program
- Food Safety
- DOST Halal Program
- Regional/region-based impact assessment of projects
- 5 impact assessment reports
- 6 policy recommendations
- 1 Assessed regional impact of service delivery of programs/projects

20M

2024

- TBI Program
- Univ. Tech Transfer Program
- Clean Air
- Regional/regionbased impact assessment of projects
- 3 impact assessment reports
- 4 policy recommendations
- 1 Assessed regional impact of service delivery of programs/projects

Vision

To provide knowledgebased evidence on the continuous financial sustenance to R&D programs for sustainable development

Overall Outcomes Human Resource

- Increased number of personnel trained in impact assessment
- Increased number of researchers, programs leaders trained in impact assessment
- Sustainable impact assessment unit of the Council

R&D Technologies

 Improved/expanded M&E process beyond 6Ps metric

Facilities / Services

- Established impact assessment tools
- Established IA team that can facilitate impact evaluation

S&T Policies

- Policy/Guidelines as a result of the assessment
- Improved mechanism in the implementation of subsequent programs and





Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

PHILIPPINE COUNCIL FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGY RESEARCH AND DEVELOPMENT

OneDOST4U



PCIEERD IMPACT ASSESSMENT

Updated as of 29 February 2024

Overall Strategies

Human Resource

- Development of core competencies in the conduct of impact assessment
- Provide training on impact assessment both for researchers and program/project managers through the following:
 - Establishment of Community of Practice (CoP)
 - Interchange of IA knowledge between third party experts and in-house employees
- Plantilla Positions for PCIEERD IA team

R&D Technologies

 expanded monitoring and evaluation process to cover beyond the 6Ps metric by including medium and longterm benefits.

Facilities / Services

- Provide researchers with impact assessment tools for completed projects
- Establishment of impact assessment team to facilitate IA implementation

S&T Policies

- Development of Impact Assessment guidelines, framework and protocols
- Updating/amendment of IA related guidelines
- Establishment of mechanism in improving the national development strategies and plans in the subsequent implementation of the projects and programs

25M

- Smart Materials
- Artificial Intelligence & Robotics

2025

- Assessment of the Council's IA mechanism effectiveness
- 5 impact assessment reports
- 6 policy recommendations
- 1 Assessed IA mechanism

2026

30M

- Natural Products
- Creative Industries
- Metal Csting
- Value Adding (Metallic& Non Metallic)
- · Water Resource Mgt.
- Micro Grid RE
- DRRM Program
- Land Transport
- Nuclear Science
- Balik Scientist
- StartUp Dev Program
- 11 impact assessment reports with policy recommendations

2027 40M | 50M

IA of DOST/PCIEERD Big Ticket Projects/Programs

 Revitalization of the Philippine Textile Industry through Science and Technology Program

2028

- Development of Philippine Scientific Earth Observation Microsatellite (PHL-MICROSAT) Project 1 Microsatellite BUS Development
- Project 2: Ground Receiving Station for the Philippine Micro-satellite
- Project 3: Development of a Data Processing, Archiving, and Distribution Sub-system for the Ground Receiving Station of the Philippines Scientific Earth
- Project 4: Calibration and Validation of Remote Sensing Instruments for the Philippine Microsatellite Program
- Project 5: Development of Scientific Earth Observation Microsatellite
- Establishment of a Gear Making and Assembly Facility
- Human Resource Intervention for the Sustainable Growth, Productivity and Competitiveness of the Metals & Engineering Sector: Development and Implementation of Appropriate Training Curriculum Design for CNC Machine Tool Programming and Operation
- Roll-out of DOST Developed Food Processing Equipment to the Regions
- Roll Out of Complementary Food Production in the Regions of Complementary Food Production in the Regions
- Advanced Transport Program Automated Guideway Transit
- Advanced Transport Program Road Trains
- Advanced Transport Program Hybrid Electric Trainset

Vision

To provide knowledge-based evidence on the continuous financial sustenance to R&D programs for sustainable development

Overall Outcomes Human Resource

- Increased number of personnel trained in impact assessment
- Increased number of researchers, programs leaders trained in impact assessment
- Sustainable impact assessment unit of the Council

R&D Technologies

 Improved/expanded M&E process beyond 6Ps metric

Facilities / Services

- Established impact assessment tools
- Established IA team that can facilitate impact evaluation

S&T Policies

- Policy/Guidelines as a result of the assessment
- Improved mechanism in the implementation of subsequent programs and projects



OneDOST4U

