INSTITUTION DEVELOPMENT PROGRAM (IDP)

Legend (Text Font): New/ Ongoing | Completed | Target

Updated as of 29 February 2024

Overall Strategies

Human Resource
- Engagement/pre-engagement of potential/interested IDP proponents/researchers prior to IDP CFPs
- Development of specialized/field-specific training/s for researchers by the different IDP labs that can be open or offered to parties beyond the IDPs' Implementing Institutions
  - Green/Environmental Nanotechnologies
  - Additive Manufacturing
  - Natural Language Processing R&D
  - Quantum Computing
  - AI Applied to DRR
  - GIS for DRR Applications
  - Applied Microbiology
  - Industry Immersion

R&D Technologies
- Publications, patents and UM for IDP projects/programs

Facilities / Services
- Establishment/upgrading of the various laboratories/facilities of HEIs/SUCs that have R&D framework aligned to PCIEERD Sectoral Concerns
  - Natural Language Processing Lab
  - AI for Disaster Lab
  - Microbiology Testing Lab
  - Legal Sector Technologies/Innovation hub/ center

S&T Policies
- Development of guidelines in the use/access of all IDP Facilities and/or Services
- Updating/amendment of IDP Guidelines

10M (12)

2020
- Green Nanotech
- Metals Additive Manufacturing
- Access to Green Nanotech. Lab's facilities/services
- Access to Metals Additive Mfg. Lab's facilities/services

15M (54M)

2021
- Establishment of Natural Language Processing Lab
- Establishment of AI for Disaster Risk Reduction Lab
- Establishment of Microbiology Testing Lab
- Access to UIC Language Processing Laboratory, CSPU Artificial Intelligence for DRR laboratory and PSU Microbiology Testing Lab
- IDP Impact Assessment

20M (55M)

2022
- Creatives on Footwear
- Creatives on Furniture
- Creatives on Textile
- Unmanned Vehicle Systems
- Human Security (Nitration/ explosives lab)
- * Establishment of Legal Technologies and Innovation Center

25M (45M)

2023
- Blockchain facility
- Air Quality lab
- Metal Casting Facility
- Establishment of creatives footwear facility, furniture facility, and textile
- Establishment of laboratory on UVS lab & nitration/explosives
- Updated IDP Guidelines
- Increased budget allocation per Laboratory
- Launching of newly approved IDP
- Nationwide coverage accomplished for IDP
- Outstanding IDP Lab & PL
- Equipment/facilities database (equipment.pcieerd.dost.gov.ph, oneDerful, oneTreat)
- New Institutions Engaged
- Profiled institution

30M
- Quantum R&D Computing
- Neuromorphic Photonics
- Nanofabrication for manufacturing and Electronics
- Metals testing, automation and controls
- Ironmaking testing and training
- Connectivity Infra to a remote Quantum Computer
- Design, Fabrication, and Characterization Facility for materials
- Expansion of existing metrology to accommodate quantum communication and sensing

2024
- Establishment of metal casting facility, Air Quality Lab, Block Chain Facility and nutraceutical/cosmeceutical lab
- Outstanding IDP Lab and PL
- New Institutions Engaged

35M
- Games, Animation and film development
- UVS Data Center
- Laboratories for data processing tsunami maps and models
- Energy Research/Materials for Energy irradiation facility for Visayas and Mindanao Advanced materials
- Nano engineering

2025
- Establishment of Quantum Computing Lab, photonics lab and nanofabrication manufacturing/electronics facility
- Outstanding IDP Lab and Project Leader
- Completed IDP upgraded into NICER
- New Institutions engaged

40M
- Command Data centers (information and dissemination, communication plan and other tools for communication, Solutions using earth observation and space based applications, Simulation, modelling, and system programming laboratory
- Fabrication and Maintenance, repair and overhaul (MRO) facility for UVS parts and components
- Indoor and outdoor (wind tunnel) facility for UVS flight/underwater tests

2026
- Establishment of new and emerging facilities in the regions
- Outstanding IDP Lab and PL
- Completed IDP upgraded into NICER
- New institutions Engaged

45M
- Smart manufacturing
- Automation Systems
- Industry 4.0 Demo Lab/ Factory demonstrating Industry 4.0 Architecture
- Centralized Wastewater mg't and treatment
- Environmental technologies and compliance
- Community-based water harvesting technologies
- Advancement of O&M for water supply facilities

2027

50M
- Satellite development
- Electronics Product Inclusive Innovation Center (EPIIC)
- Integrated Circuits and Devices Research
- Wafer Fabrication 5G ecosystem innovation
- GIS and remote sensing processing laboratories for big data analytics.

2028
- Establishment of new and emerging facilities in the regions
- Outstanding IDP Lab and PL
- Completed IDP upgraded into NICER
- New institutions Engaged

Vision
Established new facilities and services ***in the regions*** where our researchers will have sustained *access.*

Overall Outcomes

Human Resource
- 30% Increased in number of active researchers in PCIEERD sectoral concerns, especially in the regions' HEIs/SUCs
- 20% Increased in collaboration between/among the industries and the HEIs/SUCs with IDP grants in a region or even among regions

R&D Technologies
- Improved quality of R&D outputs from the HEIs/SUCs assisted such that products, technologies, or developed/designed systems are market-ready and/or industry-driven

Facilities / Services
- R&D capacity of HEIs/SUCs increased through the IDP

S&T Policies
- Policies as a result of IDP Impact Assessment
- Updated/Amended IDP Guidelines
- Guidelines for Outstanding IDP Lab and PL
- Guidelines in the use/access of all IDP Facilities and/or Services

Human Resource Development Program (HRDP) Roadmap

Legend (Text Font): New/ Ongoing | Completed | Target

Updated as of 29 February 2024

Overall Strategies

Human Resource
- Engagement/pre-engagement of potential/interested HRDP proponents/researchers prior to Call For Proposals (CFPs)
- Sustained support in highly specialized training to increase number of personnel equipped with highly specialized skills

R&D Technologies
- Increased exposure of R & D grantees in novel fields especially abroad that will eventually be translated to applied R&D proposals

Facilities / Services
- Strengthen the promotion of HRDP grants
- Increased engagement and grants to aid component programs that have a significant exposure and experience to novel and game changing fields along with
- increased end expanded
- papers, presentations, services
- that will be useful nationwide

S&T Policies
- Development of guidelines to increase entitlements and benefits for the pool of researchers and personnel

2021

10M

Call for Proposals for HRDP

Implementation of HRDP,RIEETOOL & PROSPPER

New HR Projects
- Roundtable on Next Generation Researchers
- Block Chain Training
- HRDP for Quantum
- Satellite development

Capacity building on the 6 component programs under HRDP, including the RIEETOOL, PROSPPER

2022

15M

Call for Proposals for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER

Capability Bldg activities on:
- Quantum mechanics
- Quantum Technology
- Industry 4.0 - AM
- Blockchain
- Microelectronics IC design, Robotics
- Earth observation
- Optics & photonics
- nanotechnology
- ICT, AI
- Food,
- Nuclear Science
- Energy
- Environment-Water
- Transportation

2023

18M

Call for Proposal for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER
- Quantum mechanics
- Quantum Technology
- Satellite Comm
- Satellite Dev
- Earth Observation
- Optics & photonics
- AI
- Industry 4.0
- Process: Chemical Safety
- Biotech
- Creative Industries
- Mining and Minerals

Review and updating HRDP guidelines & policy

- Implementation of 2 new programs for PCIEERD project personnel – PROSPPER & RIEETOOL
- Evaluated 3 PROSPPER and 4 RIEETOOL proposal
- Supported 7 Support for Conduct of Conference, with 3 ongoing proposals
- Supported 1 Research Attachment
- Supported 1 RIEETOOL project

2024

20M

Call for Proposals for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER
- Optics & photonics
- Nanofabrication
- Materials for energy
- Advanced materials
- AI
- OTHER IEET

- Supported 27 targets for the existing 6 HRDP component programs and supported 3 RIEETOOL projects and 1 PROSPPER project
- 10 researchers & project managers trained on project management
- 2 new HRD programs supported for R&D Management

2025

25M

Call for Proposals for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER
- Optics & photonics
- Nanofabrication
- Materials for energy
- Advanced materials
- AI
- OTHER IEET

- Supported 27 targets for the existing 6 HRDP component programs and supported 3 RIEETOOL and 1 PROSPPER project
- Support 2 new programs on BlockChain, 2 next generation researchers and 2 quantum
- Supported 2 projects for HRDP Quantum

2026

25M

Call for Proposal for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER
- Optics & photonics
- Materials for energy
- 4D/3D printing with AI
- OTHER IEET

Supported 27 targets for the existing 6 HRDP component programs and supported 3 RIEETOOL and 1 PROSPPER project and PROSPPER

2027

25M

Call for Proposal for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER
- Optics & photonics
- Materials for energy
- 4D/3D printing with AI
- OTHER IEET

Supported 27 targets for the existing 6 HRDP component programs and supported 3 RIEETOOL and 1 PROSPPER project

2028

25M

Call for Proposal for HRDP

Implementation of HRDP, RIEETOOL, PROSPPER
- Optics & photonics
- Materials for energy
- 4D/3D printing with AI

Supported 27 targets for the existing 6 HRDP component programs and supported 3 RIEETOOL and 1 PROSPPER project

VISION

Sustained supply of next generation researchers on IEET in the country

Overall Outcomes

Human Resource (HRDP)
- Increased exposure of Filipino researchers to different capacity building opportunities
- Increased engagement of researchers in the in the regions
- Increased MS and PhD graduates in the industry, energy and emerging technology sectors
- Capacitate researchers on R & D management
- Identify new and emerging field that need HRD support

R&D Technologies
- Increased R & D workforce that are ready to conduct, present and extend research initiatives and S&T innovations

Facilities / Services
- Increased use of researchers on DOST and other facilities and services

S & T Policies
- New HRDP Policies and Guidelines on highly specialized trainings related to PCIEERD sectors and novel technologies acquired from research attachments and visiting experts

List of projects 2022-2023

Young Innovators Program (YIP) Roadmap

Updated as of 29 February 2024

Legend (Text Font): Ongoing | Done | Target

Overall Strategies

Human Resource (HRDP)
- Support R&D initiatives of young researchers from proposal writing up to project implementation

R&D Technologies
- Potential application for IP and protection of technology outputs

Facilities / Services (IDP)
- Mechanism for easy access to DOST facilities, services, and experts for YIP Researchers

S&T Policies
- Harmonized R & D proposal submission and evaluation with PCIEERD and DOST DPMIS
- Revision of YIP Guidelines
- Development of incentive programs for outstanding researchers
- Conduct of Impact Assessment

2020
4.6M
- Approved 9 new projects
- Conduct of 2020 YIP Call for Proposal
- Development of 2017-2019 YIP Projects Compendium
- Conduct of 3rd YIP Forum
- 5 New Host Institutions Engaged
- 9 New YIP Projects on AI, Material Science, Environment
- YIP Compendium of 2017-2019 Project

2021
5M
- YIP 2021Call for Proposals
- YIP Pre-engagement & Promotional activities
- YIP Grantees Engagement to PCIEERD Tiktok
- Development of YIP AVP
- 8 New YIP Projects
- New Researchers and institutions Engaged
- 1000 registered participants in the YIP Jumpstart Meeting
- YIP Call in DPMIS
- 2 YIP projects featured in Tiktok
- 1 YIP AVP

2022
5M
- YIP 2022 Call for Proposals
- YIP Pre-engagement & Promotional activities
- Development of YIP tracking system and Alumni Club
- 15 New YIP Projects
- New YIP Institutions & Researchers Engaged
- 1 YIP Roadmap
- Regional Coverage of the program
- 1 Outstanding YIP award
- Improved efficiency of evaluation process
- 1 Support program for selected completed YIP projects (ex. Linkage with industry/ other research institutes)
- 1 Tracking system for YIP grantees
- 1 YIP Alumni Club.

2023
7M
- YIP 2023 Call for Proposals
- YIP Pre-engagement & Promotional activities
- YIP impact assessment
- 20 New YIP Projects
- New YIP Institutions & Researchers Engaged
- Implementation of the YIP Roadmap
- Improved efficiency of evaluation process
- 1 New support program for selected completed YIP projects
- Result of impact assessment

2024
9M
- 2024 YIP Call for Proposals
- YIP Pre-engagement & Promotional activities
- Revision of YIP guidelines/ policies
- 25 New YIP Projects
- New YIP Institutions & Researchers Engaged
- Enhancement of the YIP guidelines/policies, strategies and/or implementation mechanism
- Improved Efficiency of evaluation process
- 1 Outstanding YIP award
- 1 Support program for selected completed YIP projects

2025
11M
- 2025 YIP Call For Proposal
- YIP 2025 Call for Proposals
- YIP Pre-engagement & Promotional activities
- 30 New YIP Projects
- New YIP Institutions & Researchers Engaged
- Improved efficiency of evaluation process
- Implementation of new support program for selected completed YIP projects

2026
13 M
- 2026 YIP Call For Proposal
- YIP 2026 Call for Proposals
- YIP Pre-engagement & Promotional activities
- 33 New YIP Projects
- New YIP Institutions & Researchers Engaged
- Improved efficiency of evaluation process
- Implementation of new support program for selected completed YIP projects

2027
15 M
- 2027 YIP Call For Proposal
- YIP 2027 Call for Proposals
- YIP Pre-engagement & Promotional activities
- 33 New YIP Projects
- New YIP Institutions & Researchers Engaged
- Improved efficiency of evaluation process
- Implementation of new support program for selected completed YIP projects

2028
17 M
- 2028 YIP Call For Proposal
- YIP 2028 Call for Proposals
- YIP Pre-engagement & Promotional activities
- 35 New YIP Projects
- New YIP Institutions & Researchers Engaged
- Improved efficiency of evaluation process
- Implementation of new support program for selected completed YIP projects

VISION
Sustained supply of next generation researchers on IEET in the country

Overall Outcomes

Human Resource
Creation of new next generation researchers on IEET

R&D Technologies
10% of technology generated can be assisted for adoption

Facilities / Services
DOST and other facilities provided to YIP researchers

S&T Policies
Enhanced YIP guidelines/policies, strategies and/or implementation mechanism

Good Governance through Data Science and Decision Support System (GODDESS) Roadmap

Updated as of 29 February 2024

Legend (Text Font): On-going | Completed | Target

Overall Strategies

Human Resource

- Engagement/pre-engagement of potential/interested proponents/researchers with background in Data Science and Analytics prior to Call For Proposals (CFPs)
- Strengthen promotions of Data Science and Analytics researches and projects to NGAs and LGUs that can be a potential end user of data-driven management systems
- To expand GODDESS projects throughout the regional level
- Forged partnerships with the identified NGAs & LGUs

R&D Technologies

- Increased exposure of R & D grantees in novel fields especially abroad that will eventually be translated toapplied R&D proposals

Facilities / Services

- To promote current and upcoming data-driven support systems and solutions that are ready for adoption of various beneficiaries.

S&T Policies

- Development of guidelines to refocus the program to accommodate and address real world gaps through Data Science and Analytics

Vision

Mainstream the use of data science and analytics in local and national government units and agencies.

2020

10M
GODDESS Program
SPARTA
Program scholar capstone projects

- Supported projects on data analytics such as Senior Citizen welfare services (FSUU), PhilRice, OCD Region 2, Iloilo LGU
- Capstone projects from Learning-at-scale and SPARTA learners

2021

15M
GODDESS Program
New capstone projects on Traffic, Garbage system, Tariff collection, National park e-governance on pre-emptive evaluation, smart tourism system

- Supported 4 Capstone projects endorsed Region 1 Consortium of Capstone projects on Traffic monitoring system, Garbage system, Tariff collection, e-governance on pre-emptive evaluation, smart tourism system
- Deployment of 8 generated beta-version systems ready for deployment
- 8 MOAs between institutions LGUs and NGAs

2022

25M
GODDESS Program
Deploymentof developed system to LGUs and NGAs
New Capstone projects From SPARTA scholars

- Adoption of 8 generated full-scale systems ready for deployment
- Implementation of 15 new Capstone projects

2023

25M
GODDESS 2 – (Program for NGAs & LGUs)
Program on Data Science and Analytics focused on the following agencies:

- DOJ
- DAR
- COA
- DAP
- Procurement

- Support to new program on GODDESS phase 2
- Forged partnerships with the other National government agencies (NGAs) & other LGUs

2024

25 M
GODDESS 2 – (Program for NGAs & LGUs)
Program on Data Science and Analytics focused on the following agencies:

- DOJ
- DAR
- COA
- DAP
- Procurement

- Support to 10 new program on GODDESS 2
- Forged partnerships through Letter of Commitment between institutions & DOJ, DAR, COA, DAP, Procurement
- 2nd GODDESS Forum – Presentation of results

2025

25 M
GODDESS 2 – (Program for NGAs & LGUs)
Program on Data Science and Analytics focused on the MSMEs and Future Cities

- 20% increase in projects Implemented of GODDESS 2 projects
- Deployment of 12 generated beta-version systems ready for deployment
- 12 MOAs between institutions LGUs and legislative organizations, DBM, Civil Service, ARTA, DSWD, DILG

2026

25 M
GODDESS 2 – (Program for NGAs & LGUs)
Program on Data Science and Analytics focused on the MSMEs and Future Cities

2027

25 M
GODDESS 2 – (Program for NGAs & LGUs)
Program on Data Science and Analytics focused on the MSMEs and Future Cities

2028

- 50% increase in projects Implemented of GODDESS 2 projects
- MOAs between institutions LGUs, NGAs, MSMEs and Future Cities

Overall Outcomes

Human Resource (HRDP)

- Increased exposure and training of Filipino researchers that can be agents for data analytics projects for LGUs & NGAs.
- Increase academe-partnership in LGUs

R&D Technologies

- Increase generation of R & D project proposals related to data science and analytics.

Facilities / Services (IDP)

- Increased data analytics system adoptable to the needs of partners

S&T Policies

- Improved policies on academic linkages in the Regions, Industries, LGUs, LGA as target partners in terms of data science and analytics solutions.

Balik Scientist Program (BSP) Roadmap

Updated as of 29 February 2024

Legend (Text Font): Done | Ongoing | Not yet Available

Overall Strategies

Human Resource
- Promotional activities to encourage Filipino scientists to serve and give back to the Philippines and share their knowledge and expertise
- Technical training of Host Institutions and R & D personnel on new technologies and techniques to accelerate their R & D
- Engagement of Balik Scientists to various PCIEERD and BSP events
- Engagement of Balik Scientist on PCIEERD Tiktok
- Intensive promotion and pre-engagement activities with potential Host Institutions and Balik Scientist
- Engagement of repatriated BS as program supervisor for PCIEERD's R&D roadmap

R&D Technologies
- Submission of R & D project/program proposal to DOST or other funding institutions
- Availability of new technologies in the R & D Institutions that can be applied for technology transfer
- Development of program for BSP R&D Grant

Facilities / Services
- Strengthening of the research capabilities of the host institutions through submission of IDP project proposal for possible funding

S&T Policies
- Conduct of BSP Impact Assessment
- Revisit the BSP entitlements and incentives
- Development of the supplemental guidelines and Achievement Award guidelines
- Development of program for BSP R&D Grant
- Support to new programs for Balik Scientist after their engagement

VISION

Sustained supply of science and technology experts from abroad who are Filipino or foreigners of Filipino descent with appropriate expertise to serve our country and accelerate economic development through research and development

2020

64M
- Materials science
- Nanotechnology
- Energy efficiency
- Transportation
- Engineering
- Analytical Chemistry
- Convergence of Tech transfer on TAPI's HIRANG Project
- Creative Industries
- Human Security (Defense S&T)
- Emerging Technologies

43M
- Biotechnology
- Nanotechnology
- Data science
- Other areas aligned with the needs of Consortia/IDP
- Conduct of BSP Impact Assessment

- 10 Balik Scientists hosted by research institutions (DLSU, UP DMMME, MIRDC, PNRI, UPVTC, EVSU, CSU, TAPI, AdDU, UP DChE, FEATI, NU, and USTP)
- 5 new BSP host Institutions Engaged (TAPI, NU, UPVTC, EVSU, and USTP)
- 1 Supplemental Balik Scientist Guidelines
- 1 Achievement Award Guidelines
- 3 repatriated Balik Scientists
- 59 technologies/projects assisted
- 70 local capability building/trainings
- 19 publications

2021

62M
- **Creative** Industry
- Human Security
- Space Technology Applications
- Other areas aligned with the needs of R&D divisions/consortia/IDP
- Implementation of BSP Impact Assessment's results
- Engagement of repatriated BS as program supervisor for PCIEERD's R&D roadmap
- Establish new BSP Roadmap

- 41 BSP engagements
- 6 new host institutions
- 4 publications
- 22 technologies/ projects
- 41 people services
- At least 1 Balik Scientist Achievement Awardee
- Implementation of online application

2022

65M
- Balik Scientist for priority areas aligned with the needs of R&D divisions/consortia/IDP
- Engagement of repatriated Balik Scientist as program supervisor for PCIEERD's R&D roadmap

- 41 BSP engagements
- At least 5 new host institutions
- At least 1 repatriated BS engaged as program supervisor for PCIEERD's R&D roadmap
- 1 policy recommendation on the career of the BS after engagement
- At least 2 BS Achievement Award
- Balik Scientist Association
- BSP Impact Assessment
- Implementation of Balik Scientist Program (BSP) Roadmap
- R&D Grant

2023

65M
- Balik Scientist for priority areas aligned with the needs of R&D divisions/consortia/IDP
- Engagement of repatriated Balik Scientist as program supervisor for PCIEERD's R&D roadmap

- ~~61~~ 41 BSP engagements
- At least 1 Repatriated BS engaged as program supervisor for PCIEERD's R&D roadmap
- At least 3 BS Achievement Award
- Revised/ updated MC on BSP incentives

2024

65M
- Balik Scientist for priority areas aligned with the needs of R&D divisions/consortia/IDP
- Support to new Balik Scientist Program (BSP) under R&D Grant

- At least ~~61~~ 20 BSP engagements
- At least 5 new host institutions
- At least 1 Balik Scientists engaged as program supervisor for PCIEERD's R&D roadmap
- At least ~~4~~ 3 BS Achievement Award

2025

65M
- Balik Scientist for priority areas aligned with the needs of R&D divisions/consortia/IDP
- Support to new Balik Scientist Program (BSP) under R&D Grant

- At least 61 BSP engagements
- At least 5 new host institutions
- At least 1 Balik Scientist engaged as program supervisor for PCIEERD's R&D roadmap
- At least 5 BS Achievement Award
- BSP Grants-in-Aid Guidelines

2026

65M
- Balik Scientist for priority areas aligned with the needs of R&D divisions/consortia/IDP
- Support to new Balik Scientist Program (BSP) under R&D Grant

- At least 61 BSP engagements
- At least 5 new host institutions
- At least 1 Balik Scientist engaged as program supervisor for PCIEERD's R&D roadmap
- At least 5 BS Achievement Award

2027

70M
- Balik Scientist for priority areas aligned with the needs of R&D divisions/consortia/IDP
- Support to new Balik Scientist Program (BSP) under R&D Grant

- At least 61 BSP engagements
- At least 5 new host institutions
- At least 1 Balik Scientist engaged as program supervisor for PCIEERD's R&D roadmap
- At least 5 BS Achievement Award

2028

- At least 73 BSP engagements
- At least 5 new host institutions
- At least 1 Balik Scientist engaged as program supervisor for PCIEERD's R&D roadmap
- At least 5 BS Achievement Award

Overall Outcomes

Human Resource
- 50% increase in the number of the Balik Scientist Awardees
- 30% increase in the number of Host Institutions assisted
- Nationwide coverage of BSP
- Global reach of the program

R&D Technologies
- New technologies from BSP experts

Facilities / Services
- Linkage and collaboration engaged thru BSP experts
- Enhanced host institution's existing facilities and research capabilities

S&T Policies
- New policies/guidelines based on the BSP Impact Assessment
- Amended BSP Guidelines
- Achievement Award Guidelines
- BSP Grants-in-Aid Guidelines
- Policy on the available support to Balik Scientist after their engagement
- New BSP roadmap

HRIDD REGIONAL CONSORTIA ROADMAP

Updated as of 29 February 2024

Legend (Text Font): New/ On-going | Completed | Not yet Available

Overall Strategies

Human Resources
- Create new programs to strengthen the collaboration, capacity and expertise in the region
- Conduct of consultation meetings, Focus Group Discussions and pre-engagements meeting
- Capacity Building on project management and expert engagement through trainings, seminars and w orkshops

R&D Technologies
- Open and Directed Call for Regional Research Institutions
- Provide R&D grants for new researchers and institution to increase consortia membership
- Creating New Programs for industry-academe and government collaborations
- Strengthen Promotions and disseminations of consortia projects and funding opportunities

Facilities/Services
Increase access of regional researchers availing DOST facilities and services

S & T Policies
- Review and Assess the Consortia policies and guidelines
- Alignment to DOST DPMIS submission of proposals/ evaluation
- Implementation of Evaluation Proposal Guidelines

2020

10 M
Regional Consortia Program
- 16 Regional Consortia Revitalized
- Trainings / Capacity Building
- Prioritization of Regional R&D Agenda

- Revitalization of Regional Consortia Partners thru the conduct of Proposal writeshops and other capability Trainings
- Identified list of Priority Areas for Regional Consortia

2021

30M

RRI
- CFP CY 2021 for RRI
- CFP CY 2022 for RRI
- Conduct of Pre-engagement and evalu ation for RRI

ExperTISE
- Pre-C0nsultation Meeting with stakeholders (Academe)
- Implementation of R&D for RII
- Implementation Exper TISE to pilot Universities (UC, USTP, ParSU)

Operations
- Conduct of impact for Consortia Operations
- Conduct of Training for Proposal evaluation for Consortia TWG Members
- Initial conduct of impact assessment

2022

30M

RRI
- CFPCY 2023 I for RRI
- Conduct of Pre-engagement and evaluation for RRI New Researchers

ExperTISE
- Implementation of Actual Industry-Academe ExperTISE to pilot Universities (UC, USTP, ParSU)
- Evaluation and Monitoring of implementation

Operations
- Conduct of impact Assessment
- Development of Consortia Researchers Information System
- Conduct of road mapping session for consortia

- 10 Approved Projects for RRI
- 3 identified Institutions for pilot testing of ExpertTISE thru consultation meetings
- 2021 Call for Proposal – Regional Consortia Program
- Drafting of Consortia Impact assessment for consortia operations
- Development of Evaluation Criteria (rubrics)
- Conduct of TWG Members Training on proposal evaluation

2023

40M

RRI
- CFP CY 2024 for RII
- Call for CY 2023 R&D output from ExperTISE actual immersion

ExperTISE
- Submissions and evaluation of results and R&D of Actual Industry-Academe ExperTISE (Call for Submission)
- Evaluation and approval of ExperTISE R&D Proposals
- Actual engagement of academe-industry for ExperTISE program
- Pre-engagement for other regions

Operations
- Review and revisiting of Regional Consortia S&T agenda
- Drafting of New Incentive Program for the consortia
- regional consortia websites

- 16 approv ed projects for RRI (at least 1 per region)
- 3 industry -academe actual immersion program implemented
- 16 new Institution members of the consortia will be engaged
- Trained Consortia TWG proposal ev aluators
- Drafted Regional Consortia roadmap per region

2024

50M

RRI
- CFP CY 2024 for RRI
- Conduct of Pre-engagement and evaluati on for RRI New Researchers

ExperTISE
- Expansion of ExperTISE on other academe for Regional Consortia
- ExperTISE industry-academe partnership proposal submissions and evaluation
- Pre-engagement for new regions

Operations
- Prioritization of identified priority areas / S&T agenda
- New Partnership Program (Big brother program) drafted/ implemented
- Identification of New Programs for consortia

- 16 approved projects for RRI (at least 1 per region)
- 5 industry-academe actual immersion program implemented
- 16 new Institution members of the consortia will be engaged
- 16 S&T agenda submitted and evaluated

2025

50M

RRI
- Call for CY 2025 Call for Proposals for RRI
- Conduct of Pre-engagement and evaluation for RRI New Researcher s

Expertise
- Expansion of ExperTISE on academe for Regional Consortia
- Conduct of Impact Assessment from ExperTISE Program

Operations
- New Partnership Program (Big brother program) drafted/ implemented

- 16 approved projects for RRI (at least 1 per region)
- 7 industry-academe actual immersion program implemented
- 16 new Institution members of the consortia will be engaged
- 16 S&T agenda submitted and evaluated
- New program (big brother) implemented

2026

50M

RRI
- Call for CY 2025 Call for Proposals for RRI
- Conduct of Pre-engagement and evaluatio n for RRI New Researchers

ExperTISE
- Expansion of ExperTISE on academe for Regional Consortia
- Conduct of Impact Assessment from ExperTISE Program

Operations
- New Partnership Program (Big brother program) drafted/ implemented

- 16 approved projects for RRI (atleast 1 per region)
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2027

50M

RRI
- Call for CY 2025 Call for Proposals for RRI
- Conduct of Pre-engagement and evaluation for RRI New Researchers

ExperTISE
- Expansion of ExperTISE on academe for Regional Consortia
- Conduct of Impact Assessment from ExperTISE Program

Operations
New Partnership Program (Big brother program) drafted/ implemented

2028

FOR 2026-2028
- 16 approved projects for RRI (atleast 1 per region)
- 7 industry-academe actual immersion program implemented
- 16 new Institution members of the consortia will be engaged
- 16 S&T agenda submiited and evaluated
- 16 New program (big brother) implemented (1 per region)

VISION:

Sustained new researchers and scientists in the region who are able to conduct research and development activities addressing regional development goals

Overall Outcomes

Human Resource (HRDP)
- Engagement of industry, academe and government agencies
- Increase in the engagement of New Researchers and Institution in the region
- Increase engagement w ith industry collaborations in the region
- Enhanced faculty researcher's capability on S&T
- Enhanced partnership collaborations thru R&D Initiatives

R&D Technologies
- Increase number of approved R & D of projects and programs
- Increased number of approved R & D projects w ith industry collaborations
- Increased new R& D researchers and institutions

Facilities/Services
Increased number of researchers availing DOST facilities and services

S & T Policies
Enhanced Policies & Guidelines of Consortia

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