

**Number of Projects Monitored/Assisted
(January - December 2021)**

#	Project Title	Implementing Agency	Beneficiaries	Status of Implementation
	FASTRAC Program			
1	VISSER: REFRESH (Redesigning for Remote Education, in School and at Home)	UP Diliman	<ul style="list-style-type: none"> • Public and Private High Schools • Science High Schools • Colleges and Universities • Households 	New
2	Application of Geopolymer Technology as Eco-innovative Composite Products	De La Salle University	<ul style="list-style-type: none"> • Private sectors that promote green products • Government institutions with green retrofitting projects • Filipino Community and farmers 	New
3	Establishment of a Spin-off Facility and Pilot Plant for HormoGroe Nanoformulated Plant Growth Regulator for the Production of High Value Crops	UP Los Baños	<ul style="list-style-type: none"> • Fistributors of agricultural solution products • Farm owners • Farmers 	Ongoing
4	Establishment of a Spin-off Facility and Pilot Plant for Fruitect Coatings for Shelf-Life Extension of Fresh Fruit Produce	UP Los Baños	<ul style="list-style-type: none"> • Food processing industry • Fruit and vegetable industry • Farms 	Ongoing
5	Alama Project: Technology Development, Commercialization and Promotion of Gitara ni Juan	UP Diliman	<ul style="list-style-type: none"> • William Alama • Local guitar making industry 	Ongoing
6	MAPX: Manage Assets and Properties and Map for Visualization	Caraga State University	<ul style="list-style-type: none"> • Local Government Units • Real Property Owners • Other Government Agencies 	Completed
7	X-LIPAD: Light Intelligent Platform for Autonomous Drones	De La Salle University	<ul style="list-style-type: none"> • Education sector (SHS and Collegiate levels) • Drone service providers • Drone enthusiasts 	Ongoing
	KTTO-IMPACT Program			
8	Establishment of Technology Management System at UP Mindanao	UP Mindanao	<ul style="list-style-type: none"> • Inventors and creators • Researchers • Entrepreneurs 	Ongoing
9	The Enhancement of USTPs Intellectual Property Management and Establishment of Technology Commercialization Systems and Standards	University of Science and Technology of Southern Philippines	<ul style="list-style-type: none"> • Business community • Industry 	Ongoing
10	Establishment of Technology Transfer and Utilization Processes and Services in Bulacan State University	Bulacan State University	<ul style="list-style-type: none"> • University researchers • Business community 	Ongoing
11	Establishment of Knowledge and Technology Transfer Processes for University of the Cordilleras	University of the Cordilleras	<ul style="list-style-type: none"> • Faculty members • Researchers • Students 	Ongoing
12	Strengthening Bicol University's IP Management Programs and Commercialization Strategies (BU-IPCom)	Bicol University	<ul style="list-style-type: none"> • Faculty and Student researchers and inventors • University management 	New
13	Enhancing of the DOST-FNRI's Technology Transfer Office Policies and Processes	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • Community • School • Food Industry 	New
14	Establishment of Knowledge, Innovation and Technology Transfer Processes of the Holy Angel University	Holy Angel University	<ul style="list-style-type: none"> • University Staff • Alumni • HEIs, MSMEs, LGUs, Industry Partners, Startups, and all private individuals (with research, innovation, and commercialization undertakings) 	New

15	Establishment of Iloilo Science and Technology University Technology Transfer Processes	Iloilo Science and Technology University	<ul style="list-style-type: none"> • University researchers • Inventors • Investors • Manufacturers • MSMEs • Community 	New
16	Operationalizing Technology Transfer in T.I.P.: A Reference for T.I.P. Initiatives to Strengthen the Innovation Ecosystem	Technological Institute of the Philippines	<ul style="list-style-type: none"> • Faculty members • Students • Alumni • Inventors/Innovators/Researchers outside TIP • Industry 	New
17	Catalyzing Thomasian IP Generation and Utilization	University of Santo Tomas	<ul style="list-style-type: none"> • University Stakeholders • Dominican Network of schools • Partner communities of the University • General public 	New
18	TRUE IMPACT: Technology and Research of USEP Enhanced through IMPACT	University of Southeastern Philippines	<ul style="list-style-type: none"> • Researchers • Technology transfer workers and faculty members • Staff and students 	New
19	Establishment of Technology Management System at Samar State University	Samar State University	<ul style="list-style-type: none"> • Technology transfer officers • Faculty researchers • Technopreneurs • Students 	New
20	Establishment of the SU-KTTO at Silliman University, Dumaguete City, Negros Oriental	Silliman University	<ul style="list-style-type: none"> • Universities and Schools • Faculties, students, researcher, inventors, creators, innovators, • Entrepreneurs, and Technopreneurs • Business owners • Industries • Local Community 	New
21	Establishment of University of Mindanao Technology Transfer and Intellectual Property Management Office (UM-TTIPMO)	University of Mindanao	<ul style="list-style-type: none"> • Faculty and student researchers • University stakeholders. • Industry partners and collaborators 	New
22	Establishment of Knowledge, Technology Transfer and Business Development Processes and Services in West Visayas State University	West Visayas State University	<ul style="list-style-type: none"> • Industry/Business with the Region • Faculty/Researchers • Community • Students 	New
23	SPRINGBOARD - Supporting Potential and Relevant IP as Next Generation Business Opportunities towards Acceleration of Research and Development	Batangas State University	<ul style="list-style-type: none"> • Faculty • Students • Researchers • Technopreneurs 	Ongoing
24	Enhancing the Technology Transfer Processes of the TUPV Intellectual Property and Technology Transfer Office (TIPTTO)	Technological University of the Philippines - Visayas	<ul style="list-style-type: none"> • Faculty • Students • Researchers • Technopreneurs 	New
25	Establishment of Adamson University Technology Transfer Processes	Adamson University	<ul style="list-style-type: none"> • Faculty • Students • Researchers • Technopreneurs 	New

26	Fostering Innovation to Galvanize HEI:s Tech Transfer (FIGHTT) - Saint Louis University	Saint Louis University	<ul style="list-style-type: none"> • Faculty • Students • Researchers • Technopreneurs 	New
27	Enhancement of Intellectual Property and Technology Transfer Processes in MSU-IIT	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • Faculty • Students • Researchers • Technopreneurs 	Completed
28	Strategic Enhancement of Technology Transfer and Business Development Operations and Programs of the Philippine Nuclear Research Institute	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Philippine Nuclear Research Institute • Filipinos 	New
	Startup Development Program			
29	Enhancement and Validation of the Advanced Robust Cooperative System (ARCS), an integrated Software-as-a-Service (SAAS) solution for cooperative management and regulatory compliance	IOL Inc.	18,000 various operating cooperatives in the country	New
30	Enhancement of Local Disaster Reporting and Response System	OBXs IT Solutions	<ul style="list-style-type: none"> • Members of vulnerable groups (Senior Citizens, Women, Children, Person with Disability, and LGBTQ) • Local Disaster Risk Reduction Offices of LGUs 	New
31	An Agriculture Technology Platform automated logistics booking for farmers and fisherfolks	Agrabah Ventures Inc.	<ul style="list-style-type: none"> • Farmers • Fisherfolks • Institutional MFCG / enterprises • Truck drivers / operators 	New
32	Improvement and Assessment of Marketability of an AI-powered Buyer-Supplier Matching and Management System for Businesses in the Philippines	Burket.Ph, Inc.	Micro -, small, and medium enterprises	New
33	Enhancement and Validation of Zippee Logistics: A Franchise B2B Logistic Platform for Truck Owners and Franchisees	Bizooku Philippines Inc.	<ul style="list-style-type: none"> • Farmers and sellers • Franchisees • Truckers 	New
34	Enhancing the MSME Supply Chain Experience by Integrating Cold Chain Solutions in DeliverE 2.0	InsightSCS Corp.	<ul style="list-style-type: none"> • Farmers and farmer cooperatives serviced by Nueva Vizcaya Agricultural Terminal • Farmer groups in Benguet 	New
35	Enhancement of BizKit (The First Local Centralized Business Suite) to better facilitate cross-functional and holistic business operations in the new normal	BizKit Technologies Inc.	Local business owners and staff/employees from different functions	New
36	Enhancement of the Prototype and Market Validation of Traceability Access for Consumer and Export powered by Artificial Intelligence (TRACE AI) Software System	CAWIL AI	<ul style="list-style-type: none"> • Fisher folks association • Distributor or exporter to adapt the software system 	New
37	Market Segment Validation and Targeting for CodeChum, An Online Programming Class Platform	Maranga Software Solutions	<ul style="list-style-type: none"> • High schools/colleges/universities • IT educators • Students taking up IT-related courses • CHED • DepEd • PSITE • DOST • Other organizational bodies under the education and science and technology sector 	New

38	Enhancement and Market Validation of Infnit LMS a Learning Management System with Outcomes-Based Education Analytics	Advanced Infnit Technology Solutions Inc.	<ul style="list-style-type: none"> • Schools offering K-12 courses, Colleges, and Universities publishing companies • Academic organizations • Review centers 	New
39	Enhancement of Prototype and Market Validation of TinkerClubs.com (A STEAM-Learning Platform for K-to-6 Learners)	Tinkerhouse, Inc.	<ul style="list-style-type: none"> • Test users/participants from the identified testing sites • At least 10,000 learners in the first few years of its official launch to the public 	New
40	Enhancement of Material Property of Lesstics Roofing Tile (Bio-based Insulation Polymer/Waste Single-Used Plastic Composite)	Lesstics Inc.	Thriving local communities	New
41	Enhancement and Market Validation of ROBIN (A reverse vendo machine for collecting PET bottles and aluminum cans)	Robin Machine Manufacturing	<ul style="list-style-type: none"> • Community and environment • Universities and industry partners 	New
HEIRIT Program				
42	Establishment of DOST-BulSU BARAS TBI (Business Assistance for Research Acceleration and Sustainability Technology Business Incubator)	Bulacan State University	College Students and Young Professionals, especially in Region 3, with potential project to spinoff and launch in the market	Completed
43	Establishment of DOST-ISAT U K'DRA 1905 Technology Business Incubator (KTBI)	Iloilo Science and Technology University	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	New
44	UMasenso: Establishment of University of Mindanao Technology Business Incubation Facility and Services for Environmental Solutions	University of Mindanao	<ul style="list-style-type: none"> • University of Mindanao faculty and students • Graduates/researchers • Start-up/ Spin-off SMEs • Professionals/workers 	Completed
45	Establishment of TBI center for the University of the Cordilleras	University of the Cordilleras	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	Completed
46	Establishment of the DOST technology Business Incubation in UP Mindanao	UP Mindanao	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Inventors 	Ongoing

47	Adamson University Neo Science and Technology Incubation Center (AduNEST-INC)	Adamson University	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	Ongoing
48	Establishment of Technology Business Incubation Facility of Mapua University	Mapua University	<ul style="list-style-type: none"> • Faculty members and students of Mapua university who will establish start-up/spin-off companies • External clients 	New
49	Establishment of the DOST-TUPV HIVE (Hub for Innovation and Value Engineering)	Technological University of the Philippines - Visayas	<ul style="list-style-type: none"> • Micro-, small, and medium enterprises • Students • Faculty members 	Ongoing
50	Establishment of the TBI Center at Miriam College - Henry Sy, Sr. Innovation Center	Miriam College	<ul style="list-style-type: none"> • Students • Employees • Alumni • Community partners • Industry partners • Partner schools/universities 	Ongoing
51	Support for the Establishment of TBI in Holy Angel University	Holy Angel University	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business leaders • Inventors 	Ongoing
52	Establishment of the DOST - Bicol University Technology Business Incubation (BU-TBI) Center for Bicol Region	Bicol University	<ul style="list-style-type: none"> • Startups • Incubatees • Faculties • Alumni 	Ongoing
53	Technology Business Incubator Establishment at Saint Louis University (SLU) Technohub	Saint Louis University	<ul style="list-style-type: none"> • Engineering and architecture students • SLU students • Faculty and alumni • Cohort students and faculty • Local researchers • Entrepreneurs • Startups • Investors • PEZA locators • Local and regional community 	Completed
54	Establishment of the DOST - TOMASInno Center TBI	University of Santo Tomas	<ul style="list-style-type: none"> • Student innovators • Faculty researchers • Alumni start-ups and investors • Industry partners • Government agencies • UST's partner communities 	Ongoing

55	Establishment of the DOST-CITU TBI: Wildcat Innovation Labs	Cebu Institute of Technology University	<ul style="list-style-type: none"> • Students • Faculty • Alumni • SMEs • Government Agencies • Industry Partners 	Ongoing
56	Establishment of a Technology Business Incubator Establishment at Silliman University	Silliman University	<ul style="list-style-type: none"> • Scientists, innovators, and founders • Aspiring entrepreneurs and start-ups • Business coaches and mentors investors and venture capitalists, and corporate accelerators • Silliman University 	Ongoing
57	Establishment of the Sabatan: The Nueva Vizcaya State University Technopreneurs Hub	Nueva Vizcaya State University	<ul style="list-style-type: none"> • Faculty • Students • Community 	Ongoing
58	Establishment of DOST - Samar State University Technology Business Incubator	Samar State University	<ul style="list-style-type: none"> • Faculty • Students • Community 	Completed
59	AgilLab: Establishment of USEP Technology Business Incubation Facility and Services for Internet of Things (IoT) Industrial Technology and Systems Application Development	University of Southeastern Philippines	<ul style="list-style-type: none"> • Graduates/researchers • Start-up/ Spin-off SMEs • Professionals/workers • Subsidiary of big companies and soft landing 	Completed
60	DOST – Business Incubation Zone for Novel and Sustainable Enterprises in Cagayan State University	Cagayan State University	<ul style="list-style-type: none"> • Students, as well as graduates/alumni, faculty and non-faculty researchers /entrepreneur aspirants • Community stakeholders • NGOs and SMEs 	Ongoing
TBI 4.0				
61	Elevating the Capacity & Services of TBIs Towards 4th Generation Incubator's Facilities	Ideaspace Foundation, Inc	Philippine startups	Completed
62	Evolution of UPScale from Local to Global Incubation	UP Diliman	<ul style="list-style-type: none"> • Research and Development Institutions • Students and academe • Startups, TBIs • Industry partners/private sector particularly SMEs • Investors, government and non-government organizations local and national government agencies 	Completed
63	DOST-S.I.B.O.L. Labs: Startup Innovation and Business Opportunity Linkage Labs (A collaboration between UC Berkeley Sutardja Center for Entrepreneurship and Technology and UP Los Banos Technology Transfer and Business Development Office)	UP Los Baños	<ul style="list-style-type: none"> • Startups/ Startup Community • Incubatees • Researchers who wanted to commercialize 	Completed
64	Technology Business Incubator 4.0 for Region 4	Batangas State University	<ul style="list-style-type: none"> • Students, faculty members and alumni of Higher Education Institutions in: Southern Luzon (Region 4A) • Line Agencies • Private agencies and industries 	Completed

65	Upgrading and Capability-Enhancement Animo Labs TBI	De La Salle University	<ul style="list-style-type: none"> • Researchers/Faculty • Students • TBI incubatees • Alumni • Other agencies (private) 	Completed
66	i-NEST (Innovation-to-Incubation for New & Emerging Space Technologies)	MultiAgency	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	New
67	SPARK UP (S&T Parks for Accelerating Research and Knowledge for Universities Program)	MultiAgency	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	New
68	SCI4GOV (Startups Creating Innovations for Government) Program	MultiAgency	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	New
69	WHWise (Women-Helping-Women: Innovating Social Enterprises) Program	MultiAgency	<ul style="list-style-type: none"> • Students • Faculties • Alumni • Researchers • Entrepreneurs • Business Leaders • Inventors 	New
70	Optimization of Virtual Reality Kit (VR Kit) for New Media Technology and Commercial Competitiveness	Mataverse, Inc.	<ul style="list-style-type: none"> • Consumer market • Philippine creative and manufacturing industry 	Completed
71	PCIEERD LINC (Leveraging Innovation Partners to Nurture Collaboration) (Events)	Board of Investments; Asian Institute of Management; MultiAgency	University Researchers, Startups	Continuing
72	PREP: Preparing Researchers as Entrepreneurs Program	Ateneo de Manila University; MultiAgency	University Researchers, Startups	Continuing
73	DOST-DTI-DICT Collaboration Project for International and Local Events for the Innovative Startup Act	QBO; DTI-EM; DICT; MultiAgency	Startups and Startup Enablers	Continuing

74	Technology Innovation for Commercialization (TECHNICOM) Management Support Program - (Continuing Program)	Technology Application and Promotion Institute	<ul style="list-style-type: none"> • Research and development institutions (RDIs) • State universities and colleges (SUCs) 	Ongoing
75	2017-2019 DOST Technology Transfer Day (TTD)	Technology Application and Promotion Institute	<ul style="list-style-type: none"> • Researchers • Inventors 	Ongoing
76	CRADLE: Enhancement and Market Validation of Plasma Enhanced Chemical Vapor Deposition industrial Prototype for Nitride-Based Coatings	UP Diliman	<ul style="list-style-type: none"> • ASET Corporation • Cypress Manufacturing Ltd. • Dr. Juanito Navarro, MD. (Ophthalmologist) • Analog Devices • On Semiconductor • Allegro Microsystems Philippines, Inc. 	Completed
77	Support to the Commercialization of 500 DOST Generated Technologies and Strengthening the Country's Intellectual Property and Technology Portfolios (Phase 3)	Technology Application and Promotion Institute	<ul style="list-style-type: none"> • Inventors • Researchers • Academe • Research Institutions 	Completed
78	Support to the Issuance of Fairness Opinion Report for Technology Transfer Activities of the DOST-Generated Technologies thru the DOST Regional Offices (ROs) as Receiving Offices and FOB Secretariat	DOST NCR	DOST Regional Offices	Ongoing
79	Pilot-Testing and Deployment of A Post Community Quarantine (CQ) Health Monitoring and Contact-Tracing Online System for the IT-BPM Sector	DOST Region VI	IT-BPM industry	Completed
80	Testing, Calibration, and Fabrication of NeuronVent System	Neuronmek Corp	<ul style="list-style-type: none"> • Neuronmek Corp, EPDC, and its stakeholders • Filipino researchers and Filipino research institutions • Philippine government 	Completed
81	Implementation of the Innovations for Filipinos Working Distantly from the Philippines (iFWD PH) Program	DOST NCR	OFWs and their immediate families	Ongoing
82	Operationalization of the Innovations for Filipinos Working Distantly from the Philippines (iFWD PH) Program	DOST NCR	OFWs and their immediate families	Completed
83	Innovation, Science and Technology for Accelerating Regional Technology-Based Development (iSTART)	DOST Region XIII	<ul style="list-style-type: none"> • Local government units • Researchers, scientists, and engineers 	New
	Smart Plant Production in Controlled Environments (SPICE)			
84	Project 1. Standalone Urban Farm	UP Diliman	<ul style="list-style-type: none"> • Students and academicians • Businessmen • Policymakers • Farmers • Urban developers, investors • LGU, NGO • Consumers of vegetables and fruits 	Completed

85	Project 2. Sensor-based Monitoring and Analytics for Smart Hydroponics (SMASH)	UP Diliman	<ul style="list-style-type: none"> • Students and academicians • Businessmen • Policymakers • Farmers • Urban developers, investors • LGU, NGO • Consumers of vegetables and fruits 	Completed
86	Project 3. Establishment of Soilless Culture Technology for Urban Food Production	UP Diliman	<ul style="list-style-type: none"> • Students and academicians • Businessmen • Policymakers • Farmers • Urban developers, investors • LGU, NGO • Consumers of vegetables and fruits 	Completed
87	Project 4. Ex-Situ Conservation through Micropropagation Cryopreservation of Native Plant Species	UP Diliman	<ul style="list-style-type: none"> • Students and academicians • Businessmen • Policymakers • Farmers • Urban developers, investors • LGU, NGO • Consumers of vegetables and fruits 	Completed
Natural Fibers as Nanostructured Scaffolds for Biomedical Applications				
88	Project 2. Nanostructured Scaffolds from Natural Fibers as Platforms for Stem Cell Growth and Differentiation	UP Diliman	<ul style="list-style-type: none"> • Biomedical Industry • Philippine seaweed Industry • Inorganic natural mineral Industry 	Ongoing
The Autonomous Societally Inspired Mission Oriented Vehicles				
89	Project 1. Harmonized Aerial Watch and Knowledge-based Survey (HAWKS)	UP Mindanao	<ul style="list-style-type: none"> • National Disaster Risk Reduction and Management Council • Local Government Units • Robotics researchers and practitioners 	New
90	Project 2. Robot for Optimized and Autonomous Mission-Enhancement Responses (ROAMER)	Advanced Science and Technology Institute	<ul style="list-style-type: none"> • National Disaster Risk Reduction and Management Council • Local Government Units • Robotics researchers and practitioners 	New
Terahertz Research and Innovation Program Leading to Commercially-Viable THz Time Domain Spectroscopy				
91	Project 4. THz Spectroscopic Fingerprinting of Controlled Substances Relevant to Human Health and Security	UP Los Baños	<ul style="list-style-type: none"> • Pascual Pharma • PDEA 	New
92	SEA-EU: Metal Oxide Hybrid Structured Barriers for Stable Energy Devices	De La Salle University	<ul style="list-style-type: none"> • Industries • Researchers • Communities 	Ongoing
93	Kapok fibers absorbent with customizable hydrophobicity/hydrophilicity for oily water and wastewater treatment	UP Diliman	<ul style="list-style-type: none"> • Small to medium - scale industries • Residential facilities in rural areas 	Ongoing

94	Design of Highly Active Kapok Fiber Electrodes for Energy Applications	UP Diliman	<ul style="list-style-type: none"> • Local energy industry • Local hybrid/electric car industry • Local electronic industry • Academe 	Ongoing
95	Development of Nanosilica-based Anti-Corrosion Coating Formulations for Carbon Steel Reinforcement Used in Farm Structures	UP Los Baños	<ul style="list-style-type: none"> • Farm Structures • Tools and Implements industry • Structure Builders 	Ongoing
96	Fabrication and characterization of plasma sprayed nanostructured TiO ₂ -based coatings for photocatalytic applications	Mindanao State University – Iligan Institute of Technology	<ul style="list-style-type: none"> • Academe • Energy and water treatment industries 	Ongoing
97	Fabrication of Graphene-based Nanostructure Substrates for Applications in Ultrasensitive Detection	UP Diliman	<ul style="list-style-type: none"> • Materials Science and Engineering Program students • UP Community • Companies manufacturing commercial substrates • Water filter manufacturers 	Ongoing
98	E-ASIA JRP: Fundamental study of the physical properties of metal-oxide single nanowires and nanoparticles for bio-nano-sensing	De La Salle University	<ul style="list-style-type: none"> • Academe • Researchers 	Ongoing
99	Nanocellulose Self-Disinfecting (NACS) Filter: R & D Validation of an Innovative Low-Cost Nanotech-based Face Masks	Caraga State University	<ul style="list-style-type: none"> • Caraga Region • Local Government Units • Researchers • Frontliners and other stakeholders 	Ongoing
100	CYANanobot: Miniaturized Boat-assisted Data Acquisition for Automated Cyanide Monitoring in Wastewater using Optical Nano-sensor	Caraga State University	<ul style="list-style-type: none"> • Philippine Government • Caraga Region • LGUs • Apex Mining Company, Inc. • Researchers 	New
101	SMART INK: Development of a 3D Printing Nano-Structured Carrageenan Hydrogel	University of San Carlos	<ul style="list-style-type: none"> • Biomedical (for tissue engineering and 3D printing) and pharmaceutical industries • Academe 	New
102	DOST-MOST: The Development of High-performance and Low-cost Membrane Electrode Assembly for Alkaline Fuel Cell Based on Ion/Electron Dual Conducting Catalyst Layers	UP Diliman	<ul style="list-style-type: none"> • Academe • Philippine Nuclear Research Institute • Local cellulose/fiber industry • Fuel cell module manufacturers for automobile production • Energy providers and distributors 	New
103	Building Bonds between Academe and Industry: Formulation of Vitrified Bonding Materials for Locally Manufactured Aluminum Oxide and Silicon Carbide Grinding Wheels	Ateneo de Manila University	<ul style="list-style-type: none"> • GICA Grinding Wheel Corporation • Ateneo De Manila University • Manufacturing, automotive, construction, and electronics industries, among others • Local clay producers 	New
104	Fabrication of Nanostructured Silica-based Nanocomposite Membranes for Proton Exchange Membrane Fuel Cells (PEMFCs) Applications	Mapua University	<ul style="list-style-type: none"> • Fuel cell industry • Mineral industry • Academic institutions • Energy and transport sectors 	New
105	Development of a GAMMA Computed Tomography Imaging Device for Industrial Applications (GAIA)	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Philippine Nuclear Research Institute • Academic and Research Institutions • Industry 	New

106	Printed Electronic Devices for the New Normal: Temperature Sensor Patch, Electrochemical Sensor Array Patch for Face Masks and Air Circulators, and Antiviral Nanotech for Air Circulator Filters	Ateneo de Manila University	All sectors that need additional health monitoring during the new normal imposed by the pandemic	Completed
107	Chemical Synthesis and Characterization of Conducting Polymer/Metal Nanoparticles Composites, and their Application as a Chemiresistive Gas Sensor Array for H ₂ S and CO ₂	University of Santo Tomas	<ul style="list-style-type: none"> • Energy Development Corporation • Environmental sections of geothermal plants 	Ongoing
108	PECTIN-CARRAGEENAN MIXTURES: High Precision Characterization of Hydrogel Heterogeneity Properties with Optical Tweezers and FESEM Imaging	University of San Carlos	Food and Biomedical Industries (e.g., to prototype a gel additive for baby food or hospital food)	New
109	Photoluminescent metal nanocluster to detect, disinfect, and suppress the spread of coronavirus and other microorganisms	Mindanao State University - Iligan Institute of Technology	Front liners	Completed
110	ADMATEL EXPANSION Towards Long Term Competitiveness and Sustainability – Phase 2 : ADMATEL Geared for PHL Industry 4.0	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Semiconductor & electronics • Automotive • Aerospace • Plastics • Other manufacturing industries • Oil and gas • Academe / universities • Other government agencies 	New
111	eAsia: Development of Innovative Nanobiodevices Based on Hybrid Materials by Combination of Endemic South Asian Biomolecules and Nanocarbons	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • Del Monte Philippines • Academe • Manufacturers/Industries of IR sensors • Agricultural sector 	Ongoing
112	eAsia: Developing Green Degradable Polymers from Plant Based Oils and Investigation on Its Subsequent Functionalization and Utility as Heavy Metal Sequestrants	Ateneo de Manila University	<ul style="list-style-type: none"> • The public • Oleochemical industries • Researchers and academe 	Suspended
113	DOST-JSPS: Radiation damage investigations on functional materials: Material development, analysis, and informatics	UP Diliman	<ul style="list-style-type: none"> • UP Diliman • UP Los Baños • Mapua University • Philippine Nuclear Research Institute 	Completed
114	Image Mapping of Energy Conversion Efficiency and Other Parameters Across Solar Cell Active Areas using Photoexcitation and Photothermal Effects	University of San Carlos	<ul style="list-style-type: none"> • Photonics/Materials Science researchers • Optics/Photonics/Semiconductors/Materials Industry 	Ongoing
115	Electrochemical and Quantum Mechanical Investigation of Various Small Molecule Organic Compounds as Corrosion Inhibitors in Mild Steel	De La Salle University	<ul style="list-style-type: none"> • Academe • Researchers 	Completed
116	Environmental, Health and Safety Research in the Risk Assessment of Nanomaterials (Phase 1)	Industrial and Technology Development Institute	<ul style="list-style-type: none"> • Manufacturers • End-users of nanotechnology based materials and products 	Completed
117	Fabrication and Characterization of Hydrophobic Nanocomposite Plated Abaca Fabric for Enhanced Electromagnetic Interference Shielding (EMI-SE) and Thermal Resistance (TR) for Spacesuits Application	De La Salle University	<ul style="list-style-type: none"> • Astronauts • Abaca growers 	Ongoing

118	Development of Plasma Coating Processes for the Furniture Industry	UP Diliman	<ul style="list-style-type: none"> Furniture industry of the Philippines Furniture workers Chamber of Furniture Industries in the Philippines (CFIP) 	Ongoing
119	Development of Biodegradable Nanofiber Filters as an Active Material for Medical-grade Facemasks	University of San Carlos	<ul style="list-style-type: none"> Local industries involved in producing facemasks Local manufacturers of pectin and polyphenols Vulnerable patients in hospitals and homes Daily motorists, commuters and pedestrians Scientists and engineers Researchers in both industries and academic institutions 	Ongoing
120	Development of Theoretical and Computational Models Based on Percolation Theory Leading Towards Durable Material Design	Mapua University	<ul style="list-style-type: none"> Fundamental and applied research for materials and photonics industries Young Filipino scientists and engineers Early career scientists Local and overseas academic and research institutions 	Ongoing
121	DOST-JSPS: Preparation of Crown Ethers and Alpha-aminophosphonates Decorated Natural Fibers-based Hybrids Metal Ion Adsorbents by Fusing Multicomponent-reaction and Radiation-grafting of Polymers	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> Academe International Organizations Researchers in the fields of physics, chemistry, materials science and engineering, and nuclear engineering; and other semiconductor, optics, metal, or nuclear material companies 	Ongoing
122	CARRAGEEN RESEARCH & DEVELOPMENT LAB (CR&De-L): Developing Cold-Soluble Powders, Bioplastic Sheets, and Bioactive Hydrogels from Nano-Structured Carrageenans	University of San Carlos	<ul style="list-style-type: none"> Cold-Soluble Powders paint, cement, mining, fire-fighting, cosmetics Bioplastic Sheets packaging, drug encapsulation, pharmaceutical, food Bioactive Hydrogels biomedical (for tissue engineering and 3D printing), pharmaceutical Academe 	Ongoing
123	CRADLE: SPARCS: System for Plasma-assisted Ablation of Residues and Cleaning of Surfaces	UP Diliman	<ul style="list-style-type: none"> Food powder manufacturers Local farmers Healthcare sector 	New
Center for Advanced Materials for Clean Energy Technologies based on Indigenous Materials (CAMCET)				
124	Project 1. Biomass-Derived Nanomaterials as Novel Electrocatalyst Components for Direct Ethanol Fuel Cells	University of Santo Tomas	<ul style="list-style-type: none"> Scientists/Academics Farmers/Vendors Entrepreneurs/Fuel cell developers Community 	New
125	Project 3. Plant-Derived Biochar as Fabric-Based Electrode Materials for Supercapacitor Devices	University of Santo Tomas	<ul style="list-style-type: none"> Energy sector Agriculture sector Industry sector 	New
Electronics Products Development (EPDC) as Platform for Innovation and Collaboration (EPIC) Program				

126	Project 1. Electronics Product Development Center Upgrade and Operation	Electronics Industries Association of the Philippines, Inc.	<ul style="list-style-type: none"> • Electronics companies and other members of the supply chain • Academic and other training institutions • Engineering associations • Government institutions • Venture capitalists, SMEs • OEMs, ODMs, Resellers • Independent designers 	Completed
127	Project 2. Electronics Product Inclusive Innovation Center (EPIIC)	Advanced Science and Technology Institute	<ul style="list-style-type: none"> • Electronics companies and other members of the supply chain • Higher Education institutions • Venture capitalists, SMEs, and Inventors 	Completed
128	PATURO: Platform for Assessment and Tracking of Urbanization-Related Opportunities	Asian Institute of Management	<ul style="list-style-type: none"> • Policymakers of the City of Cauayan • Transport Planning Staff of the City of Cauayan 	Ongoing
129	Secured Command and Control (C2) Communication Link System	Holy Angel University	<ul style="list-style-type: none"> Armed Forces of the Philippines <ul style="list-style-type: none"> • Philippine Navy • Philippine Marines • Philippine Army • Philippine Air Force • Philippine Coast Guard • Philippine National Police 	Ongoing
130	Development of a Smart Polymer Meta-Material for Wearable Biosensors	De La Salle University	People who suffer from ischemic heart disease that needs immediate cardiac monitoring, attention and relief	Ongoing
131	Intelligent Structural Health Monitoring via Mesh of Tremor Sensors (meSHM)	De La Salle Araneta University	<ul style="list-style-type: none"> • DPWH • LGU – City Engineers • Property Owners • Construction Companies 	Ongoing
132	Non-Intrusive Sensor-based Prescriptive Maintenance Platform for Wire Manufacturing Factory	Ateneo de Manila University	Associated Wire Corporation of the Philippines	Completed
133	Handum: The Design, Implementation, and Analysis of a Digital/Mobile Game-based Learning Tool for Primary and Secondary Education	UP Diliman	<ul style="list-style-type: none"> • Teachers and students at the Grade 4 and Grade 8 level • General public 	New
134	Mathematical Resources for Distance Learning Utilizing Community LTE Networks and Television Frequencies	Ateneo de Manila University	<ul style="list-style-type: none"> • Grades 1 to 11 • Department of Education 	New
135	Development of Framework and Materials for Distance and Remote Learning via Datacasting	De La Salle University	<ul style="list-style-type: none"> • Filipino students who do not have Internet access • Department of Education 	New
136	Technology Innovations for Mathematical Reasoning, Statistical Thinking and Assessment	Ateneo de Manila University	<ul style="list-style-type: none"> • Teachers and students • School Administrators • Local Government Units 	Completed
137	CRADLE 2020: Diachronic Representation and Linguistic Study of Filipino Word Senses Across Social and Digital Media Contexts	De La Salle University	<ul style="list-style-type: none"> • Senti Techlabs Inc. • Academics who study the evolving use of new and existing words • Academics who develop solutions whose main data are words or text 	New
138	Stunt Science: A Physics Simulator Mobile Game	Western Institute of Technology	<ul style="list-style-type: none"> • Students • Teachers • Schools 	New

139	Resilient Education Information Infrastructure for the New Normal	Advanced Science and Technology Institute	<ul style="list-style-type: none"> Selected remote unserved and underserved schools and communities with no or limited access to the internet DepED Local Government Units 	New
140	Imahe Labs: An Educational Game for Chemistry in the Senior High School and Junior High School sectors of Baguio City	University of the Cordilleras	<ul style="list-style-type: none"> Teachers, students, and administrative staff of different Junior High Schools and Senior High Schools in Baguio City 	New
141	A Link-Up of Geomatics and Social Science Research for the Development of Smart Cities (LUNGSOD) Project	UP Diliman	<ul style="list-style-type: none"> LGU Iloilo City Citizens of Iloilo City 	New
142	iJuanderer: An Augmented Reality-based Gamified Local Tourism and Cultural Heritage Promotion and Preservation	Philippine Science High School - Main Campus	<ul style="list-style-type: none"> Local aeta community in Mabalacat City, Pampanga Small-time accommodation and tour guides 	New
143	Haynayan AR: An Augmented Reality-Based Lesson for the Improvement of Learning Achievement in Cell Biology for the STEM Curriculum	Philippine Science High School - Main Campus	High school teachers and students	New
144	A Game-based Mobile Learning Platform for Social Studies	Mariano Marcos State University	Grades 4 to 10 students and teachers taking and teaching Araling Panlipunan	New
145	Nurturing Interest in STEM among Filipino Learners using Minecraft	Ateneo de Manila University	<ul style="list-style-type: none"> Schools STEM educators STEM students 	New
146	Development of Multi-lingual Chatbot for Health Monitoring of Public School Children	De La Salle University	Public school children (thru DepED)	New
147	CRADLE: baTID: RFID-band for Personalized Body Temperature Monitoring	Ateneo de Manila University	All sectors that currently practice body temperature screening	New
148	Helmet-Integrated Medium-Range IR Thermal Scanner	San Carlos College	<ul style="list-style-type: none"> Front liners Community 	New
149	Mass Production and Distribution of Face Shields	Metals Industry Research and Development Center	<ul style="list-style-type: none"> Public and private hospitals and clinics Front liners belonging to public and private institutions 	Completed
Artificial Intelligence Program				
150	Design and Development of Intelligent Traffic Control and Management System	Caraga State University	<ul style="list-style-type: none"> Public utility vehicle (PUV) drivers Private vehicle drivers Commuters 	New
151	Development of a CNN and RNN topology for Impedance Spectroscopy Analysis	UP Los Baños	<ul style="list-style-type: none"> Students and Researchers that uses Spectrometers Materials Scientists Chemists Electrical Engineers 	New
152	Cost-effective technology for monitoring and quantifying benthic area covered by marine litter in shallow coastal areas	UP Mindanao	<ul style="list-style-type: none"> Marine environmental protection City local councils 	New
153	Advanced Surface Coatings for Lightweight Alloys Used in Aerospace Applications	UP Diliman	<ul style="list-style-type: none"> Metals industry Academe Semiconductor, transport, and mining industries 	New
154	Center for Astronomy Research and Development: Astronomical Near-Earth Observation Light Pollution (ANEO-LiPo) Program	Rizal Technological University	<ul style="list-style-type: none"> Local Government Units Businessmen and households Researchers, school, and students Entrepreneurs 	Ongoing

155	Synthetic Aperture Radar (SAR) and Automatic Identification System (AIS) for Innovative Terrestrial Monitoring and Maritime Surveillance	Advanced Science and Technology Institute	<ul style="list-style-type: none"> • Climate Change Commission • National Irrigation Authority • Department of Science and Technology • Department of Environment and Natural Resources • Department of Agriculture • Department of National Defense • Department of Transportation and Communication • National Security Council • National Coast Watch Council • Local government units • Academes • Non-profit Organizations/Research Institutions 	Ongoing
156	Establishment of a niche center on environmental informatics in Central Visayas	UP Cebu	<ul style="list-style-type: none"> • Department of Agriculture • Department of Environment and Natural Resources • Mango entrepreneurs • Regional Development Council 7 • Central Visayas Local Government Units • ICT Sector • Academe 	Completed
Space Technology and Applications Mastery, Innovation and Advancement				
157	Advanced Satellite Development and Know-How Transfer for the Philippines	UP Diliman	<ul style="list-style-type: none"> • Defense and Security Sectors • DOST • Academe 	Completed
Space Technology & Applications Mastery, Innovation and Advancement (STAMINA4Space)				
158	Project 1. Optical Payload Technology In-depth Knowledge Acquisition and Localization (OPTIKAL)	UP Diliman	<ul style="list-style-type: none"> • Engineers/ Scientists/ Researchers of space systems, engineering and technology • Aeronautics, aerospace and other related industry sectors • Universities, space educators, and science and technology community 	Ongoing
159	Project 2: Building PHL-50: Localizing the Diwata-1 and Diwata-2 Bus System as the Country's Space Heritage 50kg Microsatellite Bus (PHL-50)	UP Diliman	<ul style="list-style-type: none"> • Engineers/ Scientists/ Researchers of space systems, engineering and technology • Aeronautics, aerospace and other related industry sectors • Universities, space educators, and science and technology community 	Ongoing
160	Project 3. Space Science and Technology Proliferation through University Partnerships (STEP-UP)	UP Diliman	<ul style="list-style-type: none"> • Amateur radio community • Secondary and tertiary educational institutions and S&T community • Engineers/scientists/researchers of space systems, engineering and technology • Aeronautics, aerospace and other related industry sectors 	Ongoing
161	Project 4. Ground Receiving, Archiving Science Product Development and Distribution (GRASPED)	Advanced Science and Technology Institute	<ul style="list-style-type: none"> • Government agencies • Researcher Institutions • Academe • General public 	Ongoing
BATTERY: Broadening Accumulator Tenable Time Extends Rechargeability Years				

162	TUNER: Transmissometry Using Nonlinear Electrode Response	Technological Institute of the Philippines - Quezon City Campus	<ul style="list-style-type: none"> Philippine Battery Inc. Lead Acid Battery User 	Ongoing
163	Project SOUNDER: Sonic Oscillations Unleashing Nonconductive Deposits on Electrode Reactors	Technological Institute of the Philippines - Quezon City Campus	<ul style="list-style-type: none"> Philippine Battery Inc. Lead Acid Battery User 	Ongoing
164	Integrated Flywheel Energy Storage Management System	De La Salle University	<ul style="list-style-type: none"> Energy industry sector Amber Kinetics De La Salle University – Laguna Campus 	New
165	Establishing a 25-kW Waste-to-Energy Facility Using a Direct Combustion Process for Municipal Solid Waste	UP Los Baños	<ul style="list-style-type: none"> Policy makers Government institutions Law makers Energy sector in the Philippines 	Ongoing
166	CRADLE: PISOLAR: Payment Innovation for SHS Ownership by Lay Away Routine	University of Southeastern Philippines	Unelectrified communities in Davao Regio	Ongoing
167	Fabrication of A Novel Material as Anode Electrode for High Power Generator Al-Air Battery	Polytechnic University of the Philippines	<ul style="list-style-type: none"> Local transport sector Communities Electric Vehicle manufacturers 	Ongoing
Mindanao Renewable Energy R&D Center (MREC)				
168	Design and Performance Evaluation of an Ocean Renewable Energy System	Ateneo de Davao University	<ul style="list-style-type: none"> Academe Local government unit Policy maker Private sector 	Completed
169	Design and Performance Evaluation of a Micro-Scale Concentrated Solar Power Technology	Ateneo de Davao University	<ul style="list-style-type: none"> Academe Local government unit Policy maker Private sector 	Completed
3D Philippines: 3D Visualization and Analysis of Surface and Sub-surface Data in the Philippines				
170	Optimization of the GeoRiskPH Integrated System through Risk Assessments, Site Suitability Models and 3D Visualizations to Aid Policy and Decision-Making (3D Earth Risk)	Philippine Institute of Volcanology and Seismology	<ul style="list-style-type: none"> National Housing Authority National Economic Development Authority Department of Public Works and Highways Manila City LGU 	New
PH UK Newton Agham Joint Cooperation Program on Understanding the Impacts of Hydrometeorological				
171	Philippines - Quantitative Lahar Impact and Loss Assessment under changing Land Use and Climate Scenarios	Philippine Institute of Volcanology and Seismology	<ul style="list-style-type: none"> Local and Regional Disaster Mitigation Planning Managers Local Government Units Local Communities 	Ongoing
172	Catchment Susceptibility to Hydrometeorological Events: Sediment Flux and Geomorphic Change as Drivers of Flood Risk in the Philippines	UP Diliman	<ul style="list-style-type: none"> DOST-PAGASA Vintar LGU Iligan City LGU DENR-RBCO DENR-MGB DPWH-FCMC 	Ongoing
173	Philippine Groundwater Outlook (PhiGO)	Ateneo de Manila University	<ul style="list-style-type: none"> Water Industries NGAs LGU Regional stakeholders Local community 	Ongoing

174	SCaRP: Simulating Cascading Rainfall-triggered Landslide Hazards in the Philippines	Mapua University	<ul style="list-style-type: none"> • Agencies for planning disaster management and adaptation strategies • PAGASA • NWRB • MGB • WPF • Local communities 	Ongoing
Newton Fund				
175	Utilising Marine Renewable Energy to Satisfy Community Energy Demands and Stimulate Socio-Economic Development within the Philippines	Ateneo De Davao University	<ul style="list-style-type: none"> • Government agencies i.e. DOE, NPC, NEA, DOST • Electrical National Network or where the local energy consumption can be complemented 	New
Comprehensive Evaluation of Critical Infrastructures and Construction Raw Materials in the Philippines Using				
176	Project 1. Concrete Petrography as a Quality Assessment Tool of Hardened Concrete From Lifeline Structures in the Philippines	UP Diliman	<ul style="list-style-type: none"> • Construction sector • Government agencies, such as DPWH and COA • Local government units • General populace • Academe 	Completed
177	Project 2. Geological, Chemical and Physical Evaluation of Concrete Raw Materials Used in Critical Philippine Infrastructures	UP Diliman	<ul style="list-style-type: none"> • Government agencies such as DPWH, COA, NEDA, DOTr • Local government units • Construction industry • Aggregate quarry operators and mineral / chemical admixture suppliers • Academe 	Completed
Materials for Sustainable Construction and Recyclables Applied to Projects (M-SCRAP)				
178	Project 1. Development of Fiber-Reinforced Self-Compacting Concrete (SFRSCC) for corrosion reduction	Far Eastern University - Institute of Technology	<ul style="list-style-type: none"> • Government and Private Projects • Batching Plants • Researchers 	New
179	Project 2. Green Fiber-reinforced Polymer (FRP) Composites as an Innovative Repair System for Earthquake-prone Historical Buildings	De La Salle University	<ul style="list-style-type: none"> • National Historical Commission of the Philippines • Department of Public Works and Highways • General public 	New
Previous DOST-JSPS				
180	Prediction of Long-Period Ground Motion in Megacities of the Philippines Critical to Seismic Safety of High-Rise Buildings	Philippine Institute of Volcanology and Seismology	<ul style="list-style-type: none"> • Researchers (DOST and academe) • Civil/structural engineers • Earthquake disaster planners and local administrators of Metro Manila and Metro Cebu 	New
Securing Water Resources in Tourist Destinations in the Philippines: Pilot Study in Boracay Island (Comprehensive Water Resources Assessment and Management Plan for Nabaoy River Watershed and Boracay Island)				
181	Project 1. Water for Tourism: A Science-Based Water Resource Monitoring and Management Planning Guide for Tourist Destinations in the Philippines	Ateneo de Manila University	LGUs of and located near Nabaoy River Watershed and in Boracay Island	New
182	Project 2: Hydrological Characterization of Boracay Island's Groundwater System and Nabaoy River Watershed Using Isotope Techniques	Philippine Nuclear Research Institute	The people of Malay and the whole country	New
CoBUILDTex (Constructions and Buildings Using Indigenous Locally-developed Natural Textiles): Natural Textile Fiber-based Innovations for Green and Smart Structural Applications				

183	Project 1. Natural Textiles as Innovative Formwork and Reinforcement for Freeform Concrete Structures	Philippine Textile Research Institute	<ul style="list-style-type: none"> • Farmers and farming communities • Natural textile fiber and textile-producing companies • Private civil works and architectural contractors • Government projects • Disaster resiliency efforts • Green-oriented structures and projects • Higher education institutions looped into collaboration and partnership 	New
184	Project 2. Natural Fiber-based Technical Textiles for Smart Indoor Installations	Philippine Textile Research Institute	<ul style="list-style-type: none"> • Community fiber producers located in Davao del Norte (banana), Catanduanes (bandala), and bamboo poles (La Union) • Construction or property developer who is advocates for green constructions and buildings 	New
METRIC: Mapping and Emerging Technologies for Road Infrastructures and Constructions				
185	Project CRUISE: A Capacitive Resistivity Underground Imaging Survey Equipment for Underground Utility Assessment of Philippine Infrastructures	De La Salle University	<ul style="list-style-type: none"> • Department of Public Works and Highways (DPWH) • National Mapping and Resource Information Authority (NAMRIA) • Local engineering departments of local government units • Private construction contractors 	New
186	Passive Seismic Stratigraphy of Irregular Topography (PSSIT) Applicable to Mountainous Areas of Baguio City	Philippine Institute of Volcanology and Seismology	<ul style="list-style-type: none"> • People of Baguio City • Local administrators in land-use planning 	New
187	Sustainable BIM-Based Evaluation for Infrastructure Project Implementation	Mapua University	<ul style="list-style-type: none"> • DOST, DPWH, NEDA and NHA • Maintenance Officer • Owner of the building • Contractors if renovation is necessary 	New
188	Rubbers and Waste Plastics as Reinforcement Additives for Asphalt Binder-based Pavement Infrastructures	UP Los Baños	Construction industry	Suspended
189	Engineered smart concrete utilizing indigenous wastes for durable and intelligent infrastructure	University of Mindanao	<ul style="list-style-type: none"> • Environment • General public for the safety of public infrastructures • Academe (Researchers, educators, students) 	New
190	PAVE- Prototype Automated Visual Survey Equipment	UP Diliman	<ul style="list-style-type: none"> • Surveyors • Authorities • Road users 	New
191	Determination of appropriate expansion process of perlite to conform to standards of light weight aggregates for use in construction	UP Diliman	<ul style="list-style-type: none"> • Food Manufacturers/Processors • Food Consumers • Food trade organizations/association and academic Institution • Food Exporters/Importers 	New
192	CRADLE: IoT (Internet of Tubig) : Development of smart water meter wireless network	UP Diliman	Residents and administrators of condominiums	New

193	Integrated Flood and Water Resources Management in ASEAN Basins for Sustainable Development	Isabela State University	<ul style="list-style-type: none"> • River Basin Organizations (i.e. Cagayan River Basin Management Council) • Dam owners and operators (NIA, Hydropower companies) • Local Government Units and NGOs • Higher Education Institutions • NGAs (NWRB, NIA, DOST, DA, DOE, DILG, DPWH) 	New
194	Production and Improvement of Construction Materials using Bacterial Calcite Precipitation	UP Diliman	Researchers	New
195	Pilot Study for Integrating Microgrid and Distributed Renewable Energy Sources for an Electric Cooperative	UP Diliman	<ul style="list-style-type: none"> • University of the Philippines – Diliman (RDI) • Kalinga Apayao Electric Cooperative (KAELCO) • Bulanao Hydroelectric Power Plant • Other distribution utilities engaged in RE microgrid 	New
196	Specific Earthquake Ground-Motion Levels to Help Increase the Seismic Resiliency of Government Infrastructures, Residential and Medium-to-High Rise Buildings in Pangasinan, Tarlac, Metro Iloilo-Guimaras, Cauayan City, Butuan City and Mati City	Philippine Institute of Volcanology and Seismology	<ul style="list-style-type: none"> • Department of Public Works and Highways • Local Government Units • General public 	Ongoing
197	Optimization of the Operational Capabilities of Hydromet Sensors in Line with International Standards (WMO Standards) for Effective Weather, Flood Warning (CBFEWS) and Application to Research	Philippine Atmospheric, Geophysical and Astronomical Services Administration	<ul style="list-style-type: none"> • Flood-prone communities • Hydrometeorologists, climatologists, and other researchers • Farmers • Private industry • Local Government Units • Other concerned Government Agencies 	Ongoing
198	Weather and Climate Science for Service Partnership for South East Asia: Building Safer Community to Weather and Climate Variability through Science and Innovation (WCSSP)	Philippine Atmospheric, Geophysical and Astronomical Services Administration	<ul style="list-style-type: none"> • General Public • Scientists and Researchers • Stakeholders • Decision Makers • National Resource Managers 	Ongoing
199	Development of Prediction and Warning System on Sub-Seasonal Scale of Extreme Events Associated with Monsoon in the Philippines (Monsoon@Ph)	Philippine Atmospheric, Geophysical and Astronomical Services Administration	Decision makers	New
200	Understanding Lightning and Thunderstorms for Extreme Weather Monitoring and Information Sharing (ULAT)	Advanced Science and Technology Institute	<ul style="list-style-type: none"> • PAGASA • UPD-EEI, UPD-IESM, UPD-NIGS • Communities affected by disasters • Hydrometeorologists, climatologists and other researchers • Farmers • Private industry • Local Government Units • Other concerned government agencies 	Ongoing

201	Providing High Resolution (5km) Climate Change Projections in the Philippines using Weather Research and Forecasting (WRF)	Philippine Atmospheric, Geophysical and Astronomical Services Administration	<ul style="list-style-type: none"> • General Public • Local Government Units • Natural Resource Managers • Scientists • Researchers • Stakeholders • Decision Makers 	Completed
202	Investigation and numerical modelling of Philippine tsunamis based on historical, geomorphological and geological evidence of past earthquakes	UP Diliman	<ul style="list-style-type: none"> • Local government units • Research institutes • Relevant government agencies (AFP, PCG, NAMRIA, MGB) 	Ongoing
203	Coastal Sea Level Rise in the Philippines (CSLR)	UP Diliman	<ul style="list-style-type: none"> • NAMRIA • LGUs in the identified sites • NDRMMC • DENR • Storm surge, tsunami and flood modelers 	Completed
204	Marine and onshore geophysical investigations of the Manila subduction zone	UP Diliman	<ul style="list-style-type: none"> • PHIVOLCS • MGB • NAMRIA • Local government units 	Ongoing
Geophysical, Atmospheric, and Environmental Sciences Information Integration for Nation - building in the Fourth Industrial Revolution (GaiINS 4IR)				
205	Landslide Investigations on Geohazards for Timely Advisories in the Philippines (LIGTAS)	UP Los Baños	<ul style="list-style-type: none"> • Local government units, research institutions • DENR • PAGASA and PHIVOLCS • Other relevant government agencies (local and national disaster management agencies) 	New
Scaling Up Climate Information Services for Societal Benefits (CLIM UP)				
206	Development of high-resolution observation-based gridded sub-daily climate data for the Philippines (ClimGridPh)	Philippine Atmospheric, Geophysical and Astronomical Services Administration	<ul style="list-style-type: none"> • General public • Researchers • Academics 	New
Analyzing CORDEX - SEA Regional Climate Simulations for Improved Climate Information over the Philippines: SST Influence, Variability and Extremes, Tropical Cyclone Activity				
207	Project 1. Analysis of the influence of sea surface temperature representation in downscaled regional climate using the SEACLID/CORDEX-Southeast Asia simulation	Ateneo de Manila University	<ul style="list-style-type: none"> • Scientists • Climate practitioners 	Completed
208	Project 2. Multitemporal and Extremes Analysis of Modeled Climatology over the Philippines in the SEA Cordex Domain	Ateneo de Manila University	<ul style="list-style-type: none"> • Scientists • Researchers • Academics • Stakeholders 	Completed
209	Project 3. Detecting Tropical Cyclones in a Downscaled Regional Climate Model for CORDEX-SEA	Ateneo de Manila University	<ul style="list-style-type: none"> • Scientists • Climate practitioners 	Completed
Severe Wind Hazard and Risk Assessment for Cebu City				

210	Severe Wind Hazard Mapping for the Philippines and Cebu City	Philippine Atmospheric, Geophysical and Astronomical Services Administration	<ul style="list-style-type: none"> • Researchers • Emergency Managers • Planners • Stakeholders • General public 	Completed
211	Enhanced Severe Wind Vulnerability Curves of Key Building Types in the Philippines	UP Diliman	<ul style="list-style-type: none"> • Researchers and scientists • Insurance personnel in the disaster risk reduction and management (DRRM) field • Local Government Units • Department of Public Works and Highways • Association of Structural Engineers of the Philippines 	Completed
212	Exposure Data Development and Severe Wind Risk Assessment for Cebu City	Philippine Institute of Volcanology and Seismology	Philippine communities who can benefit from the severe wind impact	Completed
213	CATfish: A Modular Mini-Autonomous Underwater Vehicle System	UP Diliman	<ul style="list-style-type: none"> • Environmental and hazards monitoring • Researchers • Aquaculture • Security • Industry 	Ongoing
214	AQUADRONE: UAV Assisted Deployment System for Water Quality Monitoring	University of Santo Tomas	<ul style="list-style-type: none"> • Government Agencies (BFAR, Department of Agriculture, etc.) • Local Government Units • Fisherfolk Cooperatives • Researchers and Scientists • Students 	New
215	Progressive Advancement of Transportation networks through the Integration of vehicular Onboard Technologies with online platforms (ArangKaDATA)	UP Diliman	<ul style="list-style-type: none"> • Commuters • Service operators • Regulators and law enforcement 	New
216	Unmanned Aerial System (UAS) with Passively Rotating Spherical Shell for Close-proximity Inspection of Infrastructure	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • DPWH • Government agencies directly involved in disaster response. • Private industries concerned with infrastructures • Researchers and scientists 	Ongoing
217	The Use of Radon Technique in the Mapping of Geological Faults in the Philippines	Philippine Nuclear Research Institute (PNRI)	<ul style="list-style-type: none"> • Philippine Institute of Volcanology and Seismology • Mines and Geosciences Bureau • National Disaster Risk Reduction and Management Council • LGUs involved in land-use planning, land development, Disaster preparedness and Risk Reduction management 	Completed
218	Liquefaction Potential for Resilient Schools in GMMA: A Liquefaction Probabilistic Model Using Non-Invasive Geophysical Techniques and Limited Probe Hole	Philippine Institute of Volcanology and Seismology	<ul style="list-style-type: none"> • School Administrators • Local Government Units in land use planning and disaster risk reduction and management 	Ongoing

219	Development of Artificial Groundwater Recharge Facility for Drought and Flooding Mitigation	Water Resources Research Development and Extension Center	<ul style="list-style-type: none"> • Populace with water supply problems • Lowland communities • Local government units in land use planning and disaster risk reduction and management • Department of Environment and Natural Resources • Department of Public Works and Highways • Local Government Units • National Economic Development Authority • Regional and Provincial Disaster Risk Reduction and Management Councils • Urban planners and members of the community • Higher Education Institutions • Policy makers • Department of Agriculture • Private Contractors and Consultants • Future Researchers • Local Water Districts • Mountainous regions in Bukidnon, Zambales, and Nueva Vizcaya 	New
220	Integrated Flood and Water Resources Management in ASEAN Basins for Sustainable Development	Isabela State University	<ul style="list-style-type: none"> • River Basin Organizations, i.e. Cagayan River Basin Management Council • Dam owners and operators i.e. NIA, Hydropower companies • Local Government Units and NGOs • Higher Education Institutions • National Government Agencies i.e. NWRB, NIA, DOST, DA, DOE, DILG, DPWH • Graduate students in Climate Change, Water Resources Management and related disciplines • Funding Agencies and ODA Donors 	New
221	CRADLE: Enhanced Forecasting Model for Complex Water Supply Systems of the East Service Area of Metro Manila	Asian Institute of Management	<ul style="list-style-type: none"> • Customers of the East Zone • All beneficiaries of water from the headwork • Manila Water Sewerage System • National Irrigation Authority 	Ongoing
PROGRAM BOONDOCK: A Mountain Engineering Center Towards Sustainable Infrastructure and Upland Water Security				

222	Project 1. Slope Stability Analysis and Engineering Intervention for Rice Terraces and Road Infrastructures in Terrain Areas	Kalinga - Apayao State College	<ul style="list-style-type: none"> • Slope management project planners, designers and implementers – MGB, DPWH, LGUs, NEDA and DENR • Regional and Provincial Disaster Risk Reduction and Management Councils • Urban Planners and members of the Community • Higher Education Institutions • Policy Makers • Department of Agriculture • Private Contractors and Consultants • Future Researchers • Local Water Districts • Other groundwater Users (community, farmers) • Other mountainous regions in Bukidnon, Zambales, and Nueva Vizcaya 	New
223	Project 2. Improving the Livelihood of MSMEs thru Cable Supported Water and Transport Infrastructure	Saint Louis University	<ul style="list-style-type: none"> • Higher Education Institutions • Community/Stakeholders • Policy Makers • Department of Agriculture • Private Contractors and Consultants • Future Researchers 	New
224	Project 3. Upland River and Spring Water Assessment and Management	University of the Cordilleras	<ul style="list-style-type: none"> • Local communities with water supply problems • Slope management project planners, designers and implementers – MGB, DPWH, LGUs, NEDA and DENR • Regional and Provincial Disaster Risk Reduction and Management Councils • Urban Planners and members of the Community • Higher Education Institutions • Policy Makers • Department of Agriculture • Private Contractors and Consultants • Future Researchers • Local Water Districts • Other groundwater Users (community, farmers) • Other mountainous regions in Bukidnon, Zambales, and Nueva Vizcaya 	Ongoing
225	Sustainable Technology - Assisted Route Planning for Region VI (STARPLAN VI)	De La Salle University	<ul style="list-style-type: none"> • Bus operators • Region VI people and tourists • Local government planning and engineering staff • Local SUCs • Land Transportation Franchising and Regulatory Board • Department of Public Works and Highways • Department of Transportation • National Economic Development Authority 	Ongoing
226	Determination of Optimal Placement of Electric Vehicle Charging Stations in A Local Public	UP Diliman	Electric tricycle owner and drivers	Completed

227	DRIVER.PH Drivers Roadworthiness Improvement Verification Education & Readiness for the Philippine logistics industry	Technological Institute of the Philippines - Quezon City	<ul style="list-style-type: none"> • Trucking Industry Operators • Trucking and Logistics Industry • Welfare of Truck Drivers • General Public for a safer road with trucks 	New
228	Pilot Testing and Deployment of Automated Quarantine Control Checkpoint Mechanism in Support of National COVID-19 Initiatives	DOST NCR	<ul style="list-style-type: none"> • Control checkpoints in Metro Manila • Registered Allowed Persons Outside Residence (APOR) 	Completed
229	Engineering the Public Utility Vehicles (PUVs) Using an OEM Vehicle Platform	UP Diliman	<ul style="list-style-type: none"> • DOTr • LTO • LTFRB • DTI-BPS • Transport operators and drivers • Public transport commuters • PUV builders 	Completed
230	Recycling and Recyclability Index of Public Utility Vehicles (PUVs)	University of Asia and the Pacific	<ul style="list-style-type: none"> • TODAs • Local government 	Ongoing
231	Development of a 23-seater Electric Jeepney (E-Jeepney)	Electric Vehicle Association of the Philippines	<ul style="list-style-type: none"> • Clark Industrial Zone with the Clark International Airport • Camp John Hay in Baguio City • UP Diliman, Quezon City • Subic Bay Industrial Zone • Poro Point in La Union 	Completed
INTEGRated Applications for Transport Efficiency Development (INTEGRATED)				
232	System for Optimized Routing for Transport (SORT)	De La Salle University	<ul style="list-style-type: none"> • Department of Transportation • Local Government Units • Transport Planning Industry • Commuters 	New
233	Safe, Efficient, and Sustainable Solar-Assisted Plug-In Electric Boat (Sessy E-Boat)	Mapua University	<ul style="list-style-type: none"> • Department of Energy • Maritime Industry Authority • Transportation and tourism in Talim Island, Rizal 	New
234	Port Capacity Analysis and Route Optimization for Local Maritime Administration	UP Diliman	<ul style="list-style-type: none"> • Port administrations and regulatory agencies • Vessels, route, and franchise management and regulatory agencies 	New
235	Development of a hybrid trimaran fast craft passenger cargo vessel using multi engine and alternative energy source from ocean waves	Aklan State University	<ul style="list-style-type: none"> • Maritime Industry including investors and shipbuilders • Transportation sector • Environmental sector • Local Community • Aklan State University 	Completed
236	Development of a Local Automatic Identification System (AIS) for Ship Tracking and Monitoring	Mapua University	<ul style="list-style-type: none"> • MARINA • PPA • Coastguard • Ship owners 	Completed
NICER: Establishment of the e-Trike Research and Development Center				
237	Design, Development and Fabrication of the Different Parts and Assembly of e-Trike	Cagayan State University - Carig	<ul style="list-style-type: none"> • Local Government Units • Tricycle Owners and Drivers Association • Industry players and commuters 	New

238	Design, Fabrication and Testing of Electrical and Electronic Systems of a Locally Developed E-Trike	UP Diliman	<ul style="list-style-type: none"> • Commuters in Region 02, Prospect Investors • Communities benefiting from decreased air and noise pollution • CSU to be able to sustain the center • EV Industry will have manpower capacity 	New
239	Viability Study of Conversion of Conventional Tricycle to e-Trike and Policy Study	Cagayan State University - Carig	<ul style="list-style-type: none"> • Local Government Units • Tricycle Owners and Drivers Association • Industry players and commuters 	New
Decision Support Tools for Intelligent Transport System (ITS)				
240	Enhancement of Transportation Management Software (E-TraMS)	UP Diliman	<ul style="list-style-type: none"> • Transportation • Local Government Unit • Traffic Offices 	Ongoing
INTEGRated Applications for Transport Efficiency Development				
241	Design, development, demonstration and business planning of a Flexible Electric Van (FLEV) for logistics and passenger transport use	De La Salle University	<ul style="list-style-type: none"> • Local electric vehicle manufacturing and parts industry • Urban population • Public transport and logistics sector • National government 	New
Value-Addition of Philippine Iron and Iron-rich Mineral Resources				
242	Project 1. Technical Study on the Use of Synthesized Laterite-Iron Sand as Feed Material for Shaft Furnace Ironmaking Technology	Mines and Geosciences Bureau	<ul style="list-style-type: none"> • Mining and Mineral Sector • Foundry • Lawmakers • State • Researchers and research facility 	New
243	Project 2. Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods	Mines and Geosciences Bureau	<ul style="list-style-type: none"> • Mining and Mineral Sector • Lawmakers • State • Researchers and research facility • Future researchers 	New
244	Project 3. Refining Laterite-based Crude Pig Iron for Specific Product Applications	Metals Industry Research and Development Center	<ul style="list-style-type: none"> • Mineral sector/mining public • Companies involved in direct shipping Laterite Ores arrangement • Foundries 	
Value-Addition of Philippine Iron and Iron-rich Mineral Resources				
245	Recovery of Rare Earth Elements and Strategic Elements from Coal Fly Ash by Hydrometallurgical Techniques	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • Researchers and graduate students of MSU-IIT • Coal-fired power plants and cement companies • Government agencies involved in resource and energy development (DENR, MGB, DOE) 	Ongoing
246	Extraction of Radionuclides, Rare Earths, and other Valuable Industrial Elements from Phosphogypsum Tailings: Phase I	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Philippine government • Fertilizer industry • Mining • Agricultural sector • Environment • Health and the public 	Ongoing
247	Determination of the Mineral Processing Operating Parameters for Ores in Cabadbaran City and Business Model Development for the Sustainable Operation of Gold-Copper Pilot Plant in Caraga	DOST Region XIII	<ul style="list-style-type: none"> • Small scale mining communities and associations in Agusan del Norte, LGU of Agusan del Norte and Cabadbaran City, and Academic Institutions • Small scale mining communities and associations in Agusan del Norte 	Completed

248	CRADLE: Systematized Mining Operations using Automation and Real-Time Telematics Platform towards a Paradigm Shift in Surface Mines of Caraga Region (SMART Mines)	Caraga State University	<ul style="list-style-type: none"> • Mining Industry • Researchers • Students • Policy Makers 	New
249	CRADLE: SMART MINE: Development of Sediment Monitoring and Analysis for Rehabilitation Tool in a surface MINE area	Central Mindanao University	<ul style="list-style-type: none"> • Mining industries • Researchers • Local communities • Local government units, government agencies, non-government, organizations 	New
250	Geochemical Characterization and Resource Estimation of Cobalt and Lithium in Different Philippine Deposits	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Philippine government • Electric vehicle industries • Mining companies • Academic institutions 	Ongoing
251	Developing a Sustainable pathway for the Philippine Nickel sector (SusNi)	Caraga State University	<ul style="list-style-type: none"> • Mining industries • Researchers and students • Local communities • Local government units, government agencies, non-government organizations 	Completed
252	SAGES: Systems Approach for Greener, Eco-efficient and Sustainable Mineral Resource Management in the Philippines	De La Salle University	<ul style="list-style-type: none"> • Mining industries • Local communities • Local government units, government agencies, civil society organizations • Researchers and students 	Completed
253	Philippine Mining at the National to Catchment Scale: From Legacy Impacts to Sustainable Futures	UP Los Baños	<ul style="list-style-type: none"> • DENR-MGB • Local government units • Research institutions • Other relevant government agencies 	New
254	CAPPS: Development of an Alternative Ceramic Armor Plates from Philippine Silicates for Philippine Armed Personnel	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • Philippine National Police • Philippine Army 	New
255	BRAVE: Bomb Removal Automated Vehicle	De La Salle University	<ul style="list-style-type: none"> • Philippine National Police • Armed Forces of the Philippines • Local Government Units • Institutions, Communities, and General public 	Ongoing
256	Project BUHAWI (Automated Gun Mount for Browning 0.50 Caliber Machine Gun, M2, Heavy Barrel)	Metals Industry Research and Development Center	<ul style="list-style-type: none"> • Philippine Navy • Armed Forces of the Philippines 	Completed
Processing of Bio-based Polyols and Polyurethanes for Industrial Applications Program				
257	Project 1. Production of Bio-based Polyols from Lignocellulosic Biomass	Mindanao State University - Iligan Institute of Technology	Manufacturing companies	Ongoing
258	Project 2. Development of Polyurethane-based Packing Materials and Anti-corrosive Coatings from Vegetable Oil	Mindanao State University - Iligan Institute of Technology	Manufacturing companies	Ongoing
3R Approach to Sustainable Management of Nickel Laterite Ore Tailings: Reuse, Recycling and Reprocessing for Environmental Remediation and Material Valorization				
259	Project 1. Utilization of Nickel Laterite Ore rock (low grade) for various applications: Acid Mine Drainage treatment and Carbon Sequestration	De La Salle University	<ul style="list-style-type: none"> • Nickel mining industry • Local communities • Local Government Units • Non-government organizations • Government Organizations 	Completed

260	Project 2. Recycling and reprocessing of siltation sediments from selected nickel laterite mining areas in the Philippines as raw materials for the synthesis of iron-based novel adsorbents	Central Mindanao University	<ul style="list-style-type: none"> • Nickel mining industry • Local communities • Local Government Units • Non-government organizations • Government Organizations 	Completed
261	Project 3. Recovery of nanominerals from silt for various ceramic applications	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • Affected local communities • Local Government Units • Non-government organizations • Government Organizations 	Completed
262	Project 4. Recycling of Silt and Spend Residue from Reprocessing as Raw Materials for Geopolymer Composite	De La Salle University	<ul style="list-style-type: none"> • Nickel mining industry • Local communities • Local Government Units • Non-government organizations • Government Organizations 	Completed
263	Development of Column-Packed Adsorbent for Chrome Recovery from Tanning Wastewater	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Leather tanning industry • General public 	Ongoing
264	Parallel Testing of the Traditional Gold Extraction Process versus CLINN-GEM Technology of UP-DOST Characterization of Tailings and Monitoring of the Gold-Copper Pilot Plant in Jose Panganiban, Camarines Norte	DOST Region V	<ul style="list-style-type: none"> • Small-scale Mining Industry in Bicol and Academic Institutions • SSM Mining Communities and associations in Jose Panganiban, Camarines Norte 	Ongoing
265	Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philippine Laterite Ores using Atmospheric Leaching with Reduction Pretreatment	Mines and Geosciences Bureau	<ul style="list-style-type: none"> • Mining sector • MGB Laboratory and MeTD technical personnel 	Ongoing
266	Application of Radiation Techniques in the Geochemical Characterization of Cobalt and other Valuable Metals in the Selected Metallic Deposits	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> Government Electric vehicle industries Mining companies Academic institutions and scientific community 	Completed
267	Management of Dredged Materials: Characterization, Treatment, and Disposal (CharTeD DreaM)	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Local government units (LGUs) • Department of Public Works and Highways (DPWH) • Department of Environment and Natural Resources (DENR) • Laguna Lake Development Authority (LLDA) 	Ongoing
268	Valorization of Mining Wastes by Green Nanohydrometallurgy: Application of Green-mediated Leaching Process and Innovative Magnetic Nano-separations for the Recovery of (Precious) Metals	Caraga State University	<ul style="list-style-type: none"> Gold mining companies 	Ongoing
269	PROMT: Philippines Remediation of Mine Tailings	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Local communities living near the mine area • Mining companies • Local and national governments • Academe and research institutions 	New

270	A Framework for the Sustainable Development of Marine Mineral Resources in the Philippines	Mines and Geosciences Bureau	<ul style="list-style-type: none"> • Government regulators • Offshore mining permit application approving bodies and agencies • Marine environment Impact Assessment contractors and approving bodies/agencies • Host provinces • Academe • Coastal communities • International environmental advocacy groups 	Completed
271	Characterization and Resource Estimation of Valuable Rare Earth Elements (REEs) and Natural Radionuclides in the Philippine Coal and Feldspar Deposits	Philippine Nuclear Research Institute	<ul style="list-style-type: none"> • Government • Coal mining companies and coal power plant operators • Academic institutions and the scientific community 	Completed
272	Establishing an Environment-Friendly Chromium Plating Process using New Generation Ionic Liquids	UP Diliman	Academic institutions and the scientific community	Completed
273	Resource Assessment of REEs In the Didipio and Runruno Porphyry and Epithermal Cu-Au-Mo Deposits	Ateneo de Manila University	<ul style="list-style-type: none"> • Government, industry, and civil society • National government • Local government units and the mining communities 	Completed
3D Philippines: 3D Visualization and Analysis of Surface and Sub-surface Data in the Philippines				
274	Geotechnical Mapping of Metro Manila Subsoil (GEMMMS)	De La Salle University	<ul style="list-style-type: none"> • Partner National Government Agencies • Decision-makers • Scientific community: researchers, students, and the academe 	New
Integrated Mapping, Monitoring, Modeling, and Management System for Manila Bay and Linked Systems (IM4ManilaBay)				
275	Integrated Waste Analysis, Survey and Technological Options (IWASTO)	UP Diliman	<ul style="list-style-type: none"> • Local Government Units • Department of Environment and Natural Resources 	Ongoing
276	Development of an Integrated Mapping, Monitoring, and Analytical Network System for Manila Bay and Linked Environments (MApABLE)	UP Diliman	<ul style="list-style-type: none"> • Local Government Units • Department of Environment and Natural Resources • Department of Science and Technology • National Government • Research Community 	Ongoing
277	Eco-System Modeling and Material Transport Analysis for the Rehabilitation of Manila Bay (e- SMART)	UP Diliman	<ul style="list-style-type: none"> • Local Government Units • Local coastal communities • Department of Environment and Natural Resources • Department of Science and Technology • Department of Public Works and Highways • National Government • Research Community 	Ongoing
Ships Ballast Water and Biofouling Treatment Systems for Marine Vessels (SAILS) Program				
278	Project 1. Port and Ballast Water Baselines using ecological, microbiological and eDNA approaches	UP Manila	<ul style="list-style-type: none"> • Philippine maritime and shipbuilding industries • Maritime Industry Authority • Philippine Coast Guard • Philippine Ports Authority • Manila Ocean Park as corporate/ industry partner 	Ongoing
Ships Ballast Water and Biofouling Treatment Systems for Marine Vessels (SAILS) Program				
279	CRADLE.RSU/FPRDI - Development of Wastewater Treatment Equipment for Wet-Type Finishing Spray Booth	Forest Products Research and Development Institute	<ul style="list-style-type: none"> • Furniture and handicraft making facilities/companies (e.g. RSU Rattan Furniture) • Paint manufacturing plant • Car manufacturin lant 	Completed

Support to the Sustainable Environmental Management in Malay, Aklan				
280	Project 2. Development of a Compact Wastewater Treatment System for Restaurants in Boracay Island	Industrial and Technology Development Institute	<ul style="list-style-type: none"> Restaurants located in Boracay General public 	Completed
281	Project 3: Field Testing of Modular Eco-Friendly Domestic Waste Water (MEDoWW) Management for ATI Community: Boracay Island, Malay, Aklan	Adamson University	<ul style="list-style-type: none"> Restaurants located in Boracay General public 	Completed
282	Field Testing of Modular Eco-Friendly Domestic Waste Water (MEDoWW) Management for SMEs: Lodging Inns, Transient Housetels, Budget-Hotels and Commercial Establishments	Adamson University	<ul style="list-style-type: none"> Lodging Inns, Transient Housetels, Budget-Hotels and Commercial Establishments General public 	Completed
283	Development of a Compact Wastewater Treatment System for Restaurants discharging to Manila Bay Area	Industrial and Technology Development Institute	Restaurants or MSMEs discharging to Manila Bay and its tributaries	Completed
284	Zeoskin: A Green Indoor Air Filter	Saint Louis University	<ul style="list-style-type: none"> Building owners and operators Local communities Researchers/scientists 	Completed
285	CRADLE: Drive Air ni Juan - Aluminosilicate Technology for Compact Air Purification	UP Diliman	<ul style="list-style-type: none"> Transportation sector General public by the virtue of prevention of the transmission of disease Non-metallic minerals Industry Plastic industry and fabricators Undergraduate and Graduate Researchers Research Assistants employed for the project 	New
286	Plant Protein Products from Local Sources	Industrial Technology Development Institute	<ul style="list-style-type: none"> Local producers of coconut, VCO, legumes, rice and rice bran Local food processors Food ingredient and food additive suppliers 	Ongoing
287	CRADLE: Technology Intervention to Provide an Alternative Market for Sampaguita (Jasminum sambac) as Raw Material for Jasmine Oil Production	Mapua University	Sampaguita farmers/cooperatives in Bulacan, Pampanga and Morong, Bataan (Cooperative of Aytas)	New
288	Performance Evaluation of Natural Textile Fibers (NTFs) and Technology Transfer of RYPIC Facility in Miagao, Iloilo	Philippine Textile Research Institute	<ul style="list-style-type: none"> Handloom weavers of Iloilo MSMEs Enterprises/purveyors of traditional textiles, including the Panublix platform Garment designers and manufacturers engaged in the utilization of Philippine traditional textiles 	New
289	Development of Inkjet CMYK Digital Printing Inks from Philippine Natural Dyes	Philippine Textile Research Institute	<ul style="list-style-type: none"> Local Government Units Textile and Printing Industry sector Academic Institution SMEs, Designers, Artisans 	Completed
290	ZURFACE: Surface Modification of Philippine Natural Zeolite (SMNZ) for the Adsorption of Textile Dye Waste	De La Salle University	<ul style="list-style-type: none"> Textile industries Philippine Textile Research Institute LGU of Valenzuela 	Ongoing
291	Polyhydroxyalkanoate (PHA) Production from Agricultural Wastes	UP Los Baños	<ul style="list-style-type: none"> Environment Philippine Market Academe 	Ongoing
292	Scale-up Production, Stability and Other Applications of Natural Colorants for Cosmetics	Industrial Technology Development Institute	<ul style="list-style-type: none"> Local producers of beet root, dragon fruit and blue pea Cosmetics /Personal Care Industry 	New

293	Colorimetric and Performance Standardization of NatDyes Produced in Various NatDyes Hubs in the Philippines	Philippine Textile Research Institute	<ul style="list-style-type: none"> • Textile dyeing and digital printing industries (e.g. Saffron Phil., Inc., Monaco Textiles) • Textile manufacturers (weavers, knitters) • Pre-school to elementary students • Communities propagating natural dye yielding plants and producing natural dye powders • Manufacturers of non-toxic coloring materials 	New
294	PROTex (Protective, Re-engineered, Occupational Technical Textiles) Research and Development: Establishment of the PTRI Medical Textile Testing Laboratory	Philippine Textile Research Institute	<ul style="list-style-type: none"> • PTRI Clients and Stakeholders in the health and hygiene sector • Social entrepreneurs • Government institutions • Academic institutions/students 	New
Diversification of Philippine Textiles Through Non-Woven Innovations				
295	Project 1. Technical Lignocellulosic Nonwoven textiles for the Automotive and Air Filtration Applications	Philippine Textile Research Institute	<ul style="list-style-type: none"> • Nonwoven Fabric Manufacturers • Finishing Companies 	New
296	Project 2. Development of Nonwoven Finishing Technologies Toward Alternative Leather	Philippine Textile Research Institute	<ul style="list-style-type: none"> • Nonwoven Fabric Manufacturers • Finishing Companies 	New
297	CRADLE: Application of Natural Antioxidants Derived from Sugarcane for Food, Food Supplement and Cosmetics Production Formulations	UP Los Baños	<ul style="list-style-type: none"> • Sugarcane farmers and processors • Meat and meat product processors • Businesses inclined in food • Food supplement and cosmetic product formulations 	Ongoing
298	From Pest to Valued Commodity: Black-Chin Tilapia (Sarotherodon melanotheron) for the Development of Surimi-Based Products Processing	Bataan Peninsula State University	Bataan Fisherfolks	Completed
299	Risk Profiling of Hazards in Philippine Food to Support National Risk Management	UP Diliman	<ul style="list-style-type: none"> • Food Sector • Consumers 	Ongoing
300	Development of Low Heat and Low Humidity (LH)2 Drying System for DOST Malnutrition Reduction Program (DOST-MRP) Facilities	Food and Nutrition Ressearch Institute	<ul style="list-style-type: none"> • Filipinos affected and displaced by disasters and emergencies • Farmers • School children • People at risk of nutrition deficiencies • Local manufacturers of food processing equipment • Malnutrition Reduction Program operators 	Ongoing
301	Development of Food Reference Materials for Nutrition Labeling for Use of Local Testing Laboratories (Phase 3) Implementation of ISO 17034:2016 Quality Management System in the Development of Rice Flour Reference Materials	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • Onelab member laboratories specifically the DOST RDI's • RSTL's and private testing laboratories 	New
302	Development of Halal Compliant Dehydrated Food Products from Selected Food Materials (Fruits, Vegetables and Rootcrops)	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Halal Food Manufacturers/Processors • Halal Food Consumers • Halal Food trade organizations/association and academic Institution • Food Exporters/Importers for Halal products 	New

303	Prevalence of Heavy Metals and Pesticide Residues in Milled White Rice and White Corn Grits in the Philippines	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • National Food Authority • Local farmers • Researchers from the academe, private sector and/or other government agencies 	Suspended
304	Knowledge Transfer to DOST Technical Staff: Catalyst to MSMEs' Gaining PQA for SMEs	DOST Region IX	<ul style="list-style-type: none"> • DOST Technical Staff • MSMEs • Industry 	New
305	Thermal Processing of Selected Materials Using Agitated-Type Retorts	Industrial and Technology Development Institute	<ul style="list-style-type: none"> • Green Harvest • Blue Macay • Global Food Solutions 	New
306	Development of Innovative Food Products from Colored Philippine Tubers and Root Crops through the UPLB-DOST Food Innovation Center	UP Los Baños	<ul style="list-style-type: none"> • Root crop farmers • Bakers and noodle processors • Dairy farmers and wine processors • Meat processors, researchers • Micro, small, and medium enterprises • Local Government Units • Non-government Organizations • Filipino consumers 	New
307	Establishment of Halal Assurance System for Selected Food Ingredients (Dried and Powdered Onion, Garlic, Black Pepper and Chili)	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Food Manufacturers/Processors • Food Consumers • Food trade organizations/association and academic Institution • Food Exporters/Importers 	New
308	Development of Draft Standards and Recommended Code of Practice for Processing of Peanut Butter	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Peanut butter manufacturers • Peanut producers • Regulatory agencies • Consumers 	New
309	Valorization of Agri-food Waste: Ultrasound-assisted Extraction of Oil and Polyphenols from Cherry Rejects of Cordillera Grown Arabica Coffee	UP Baguio	<ul style="list-style-type: none"> • Local coffee farmers • Local manufacturers of pharmaceutical, nutraceutical and cosmeceutical products • Local students and researchers from the Cordillera 	New
310	Developing the Capability of Micro- and Small-Scale Processors in the Manufacture of Quality Food Products from Philippine Cocoa Beans	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Producers of cacao beans and tablea • SUCs involved on the development of cacao industry sector in the regions • Small cacao holders and their cooperatives 	New
311	SUGPo: Sustainable mine waste management using modified hydrothermal carbon from prawn shells, and geochemical modelling of pathways of contaminants from mine tailings	Mindanao State University - Iligan Institute of Technology	<ul style="list-style-type: none"> • Mining and mineral processing industries • Researchers • Local communities • Local government units and government agencies 	New
312	Waste to Wealth: Value-Adding Approaches to Transform Cacao (Theobroma cacao L.) Pod Husk Towards Economic Development	Isabela State University - Echague Campus	<ul style="list-style-type: none"> • Cacao Industry • Cacao Growers Association • Cooperatives Processors • Entrepreneurs • Organic fertilizer manufacturers 	New

313	Development and Field Testing of Retort Foods as Food Ration for Men in Uniform during Combat and High Risk Operations	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Philippine Army soldiers and/or trainees • Philippine National Police • Food manufacturing companies • Toll packers • Local machine fabricators 	New
314	Development of Chitosan Film from Sardine Fish Scales	Western Mindanao State University	<ul style="list-style-type: none"> • Sardine canning industry • Tuna processors and manufacturers 	Terminated
315	Establishment of DOST Food Safety Web Application	DOST Region IV-A	<ul style="list-style-type: none"> • DOST R&D Institutes • Academe • Other NGAs • Students • MSMEs • General public 	New
316	Assessing the Contribution of Food Banking Systems in Addressing Food Security	Rise Against Hunger, Philippines Inc.	<ul style="list-style-type: none"> • Pregnant and lactating mothers (paying specific attention to adolescent girls) • Children from six months up to 7 years old • Indigent families 	Completed
317	Technical Support for DOST Regional Food Innovation Centers	Industrial Technology Development Institute	Regional Food Innovation Centers	New
318	Towards Leveling- up OneLab for Research, Development and Innovation	DOST ROs: CAR, 1, 2, 3, 4A, 4B, 5, 6, 7, 8, 9 (lead), 10, 11, CARAGA, MOST BARMM DOST RDIs: FNRI, FPRDI, ITDI, MIRDC, PNRI, PTRI	<ul style="list-style-type: none"> • Micro, small and medium enterprises • State Universities and Colleges • Local Government Units • Construction Industry • Local Cassava Farmers • Food Processing Innovation Centers • Academe 	New
319	Upgrading and Enhancing the Capacity of the Packaging Technology Division in Packaging Research and Innovation	Industrial and Technology Development Institute	<ul style="list-style-type: none"> • Packaging Technology Division (PTD) • PTD customers/clients 	Completed
320	Development of FIC Competency in Moving New Products from Concept to Market Launch	Industrial Technology Development Institute	<ul style="list-style-type: none"> • DOST FIC Main (ITDI-FPD) • DOST Regional Offices • Regional FICs 	New
321	CRADLE: Development of Chicken Egg White Powder and Granules from Low Value Edible Shell Eggs	UP Diliman	<ul style="list-style-type: none"> • Batangas Egg Producers Cooperative • Egg industry • Filipino consumers 	Completed
322	CRADLE: Development of a Liner-Enhanced Curing Vessel for Salted Egg Production for Eggciting Traditions	Batangas State University	<ul style="list-style-type: none"> • Food Industry who are making use of aggressive food process environments • Poultry industry, in San Jose, Batangas 	New
323	CRADLE: Application of Natural Antioxidants Derived from Sugarcane for Food, Food Supplement, and Personal Care Products	UP Diliman	<ul style="list-style-type: none"> • Sugarcane farmers and processors • Meat and meat product processors • Businesses inclined in food, food supplement, and cosmetic product formulations 	Ongoing
324	CRADLE: Reworking of Processed Meat Using a Combined Acidification-Heat Treatment Process	Eastern Visayas State University	<ul style="list-style-type: none"> • Tacloban City Litson Industry Association • MSME Region 8 	Ongoing
325	Development of Emulsified Meat Products (Sausage, Nuggets, and Burgers)	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Academe • Halal Food Service Industry • Halal Food Manufacturing Industry • Halal Food Consumers 	Completed

326	Rapid Market Appraisal for Underutilized Fruits (Guava, Soursop, Sugar Apple, and Tamarind) in the Philippines	Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development	<ul style="list-style-type: none"> • Farmers • Agro-entrepreneurs • Researchers • Traders • Private individuals • Policymakers 	Completed
327	Prevalence of Mycotoxin in Rice and Corn in the Philippines	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • NFA and other concerned agencies • Local farmers • Academe • Private sector • Other government agencies 	Completed
328	Development of Grading System for Adoption of Food Establishments in the Philippines	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • Department of Health • Local Government Units • Food Sanitation inspectors • Owners/Operators/Food handlers of food establishments and clients/customers/patrons of food establishments 	Completed
329	Establishment of Halal Assurance System for Muslim Delicacies and Processing Techniques	Sultan Kudarat State University	Halal Consumers	Completed
330	Development of Regional Halal Native Delicacies	Mindanao Autonomous College Foundation, Inc	Halal Consumers	Completed
331	Operationalization of Halal Verification Laboratories (HVLs) of DOST Regions CALABARZON, 11, 12, and ARMM in Support to Halal Assurance Systems	DOST Region IV-A, XI, XII, & ARMM	<ul style="list-style-type: none"> • Halal Consumers • Testing Laboratories 	Ongoing
332	Curriculum Development and Offering on Halal Science and Scholarship for SUC Faculty on Halal Science	University of Southern Mindanao	<ul style="list-style-type: none"> • Faculty • Students 	Completed
333	Training Needs Assessment and Development and Deployment of Training Modules on Halal	DOST Region XI	<ul style="list-style-type: none"> • Researchers • General Public 	Completed
Integrated Food Safety R&D Program				
334	Development of Food Safety Guidelines for the Food Service Sectors	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • Food Establishments • General Population 	Ongoing
335	Exposure Assessment of Food Chemical Contamination in Metro Manila: A Pilot Total Diet Study Approach	Food and Nutrition Research Institute	<ul style="list-style-type: none"> • General population • Food and agricultural industries • Local and international food traders • Risk assessors • Risk managers • Risk communicators 	Ongoing
Integrated Food Safety R&D Program				

336	Project 1. Collagen and Gelatin from By-products of Fish Processing Industry	Central Luzon State University	<ul style="list-style-type: none"> • Fish processors of Milkfish, tilapia, sardines and mackerel and others • Students (Ph.D. Aquaculture and MS Environmental Management, BS Fisheries in the Fish Biochemistry and Fish Processing subject, BS Chemistry in their subject in Biochemistry, BS Food Technology in their Food Processing Subjects) • Researchers • Businessmen/entrepreneur/manufacturers related to fisheries and food processing 	Completed
337	Project 2. Fish Oil, Proteases and Protein Hydrolysate from By-products of Fish Processing	Central Luzon State University	<ul style="list-style-type: none"> • Fish processors of Milkfish, tilapia, sardines and mackerel and others • Students (Ph.D. Aquaculture and MS Environmental Management, BS Fisheries in the Fish Biochemistry and Fish Processing subject, BS Chemistry in their subject in Biochemistry, BS Food Technology in their Food Processing Subjects) • Researchers • Businessmen/entrepreneur/manufacturers related to fisheries and food processing 	Completed
Enhancement of the Competence and Capability of the National Metrology Laboratory of the Philippines				
338	Project 1. Chemical Metrology for Organic Contaminants in Foods and Water	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Producers/Exporters • Testing and calibration laboratories • Standard developers • Regulatory agencies and accreditation bodies 	Ongoing
339	Project 2. Chemical Metrology for Inorganic Toxic Elements in Food and Water	Industrial Technology Development Institute	Local testing laboratories	Ongoing
340	Project 3. Biological Metrology for Microorganisms in Food	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Producers/Exporters • Testing and calibration laboratories • Standard developers • Regulatory agencies and accreditation bodies 	Ongoing
341	Project 4. Strengthening the Physical Metrology Capabilities of the National Metrology Laboratory	Industrial Technology Development Institute	<ul style="list-style-type: none"> • Calibration laboratories (e.g. Regional Metrology laboratories, Private Calibration laboratories) • R&D laboratories and Academia • Manufacturing Industry • Regulatory Bodies / Agencies • Consumers and the General Public 	Ongoing
Upgrading the PNS for Virgin Coconut Oil (VCO) and the Philippine VCO Industry				
342	Project 1. Physico-chemical Factors which Affect the Quality of VCO	Ateneo de Manila University	<ul style="list-style-type: none"> • VCO industry, in particular the SME sector • Coconut farmers • VCO exporters and local traders 	Completed
343	Project 2. Investigation of the Microbiological Factors which Affect the Quality of VCO	Ateneo de Manila University	<ul style="list-style-type: none"> • VCO industry, in particular the SME sector • Coconut farmers • VCO exporters and local traders 	Completed

344	Project 3. Investigation of Factors Affecting the Sensory Properties and Acceptability of VCO	UP Diliman	<ul style="list-style-type: none"> • VCO industry, in particular the SME sector • Coconut farmers • VCO exporters and local traders 	Completed
345	Project 4. Assessment of VCO Production: GMP and HACCP	Ateneo de Manila University	<ul style="list-style-type: none"> • VCO industry, in particular the SME sector • Coconut farmers • VCO exporters and local traders 	Completed
346	Project 5. Water Activity and Percent Moisture: Effect on VCO Stability	Ateneo de Manila University	<ul style="list-style-type: none"> • VCO industry, in particular the SME sector • Coconut farmers • VCO exporters and local traders 	Completed
Bamboo Musical Instruments Innovation Research and Development Program				
347	Project 1. Documentation of Philippine Indigenous Bamboo Musical Instruments	Forest Products Research and Development Institute	<ul style="list-style-type: none"> • Academe • Philippine IP groups • Bamboo musical instruments industry 	Ongoing
348	Project 2. Development of Protective Processing Technology for Bamboo Musical Instruments	Forest Products Research and Development Institute	<ul style="list-style-type: none"> • Local bamboo and bamboo musical instrument industry • Educational Institutions • General Public 	Ongoing
349	Project 3. Processing Facility for Bamboo musical Instruments and Other Lignocellulosic Materials	Forest Products Research and Development Institute	<ul style="list-style-type: none"> • Musicians • Students • Musical instruments producers • Music teachers • Cultural performers • Tourists 	Ongoing
350	Project 4. Development of Prototype Design and Standardization of Instrument Making Process for Nontraditional Bamboo Instruments using Select Philippine Bamboo Species	UP Diliman	<ul style="list-style-type: none"> • Bamboo-instrument industry • Bamboo wood farmers • K-12 music education 	Ongoing
351	CRADLE: Design and Development of a Mechanical Garlic and Cashew Chipper	Holy Angel University	<ul style="list-style-type: none"> • Edelyn's homemade nuts • John N Mico Food Products • Terio's Food Products • Bea's Homemade Peanut Butter • Manufacturers in Region III that uses garlic chips as an ingredient 	Completed
352	MR. Tour Guide: A Cultural Adaptive Mapping Platform using Mixed Reality	Batangas State University	<ul style="list-style-type: none"> • Provincial tourism office • Tourists • Tourism workers • Students • Batangas State University • Researchers 	New
353	CRADLE: Development of a Design Guideline Using Finite Element Analysis (FEA) for Semiconductor and Electronics Packaging Systems for Automotive Applications	De La Salle University - Laguna	<ul style="list-style-type: none"> • Integrated Micro-Electronics, Inc. • Semiconductor industry of the Philippines 	New
354	Metrology and PDEA: Correct Quantity, Right Decision	Industrial and Technology Development Institute	Philippine Drug Enforcement Agency	Completed
355	Establishment of Metals and Engineering Innovation Centers in Cordillera Administrative Region (CAR), Regions I, II, III and X	Metals Industry Research and Development Center	<ul style="list-style-type: none"> • M&E industry in the region • Fabricators • University faculty and students 	Ongoing

356	CRADLE: Design and Prototyping of Salt Harvesting Machine	Industrial and Technology Development Institute	<ul style="list-style-type: none"> • JALD Industries Corporation • Other local and International Adaptors of Deep Crystallizer Saltern System • Local Engineering Fabricators 	Ongoing
Young Innovators Program (YIP)				
357	SPHERE: An Ultrawideband Technology based Innovation for Search and Rescue Operations in the Philippines	Mapua University	<ul style="list-style-type: none"> • Local Government Units • Remote areas affected during a calamity 	Completed
358	Fungal chitosan- based Microbeads: A Heavy Metal Soil-based biobiosorbent	Polytechnic University of the Philippines	<ul style="list-style-type: none"> • Agricultural industry • Microorganism • General public • Government • Researchers 	New
359	Proton-Exchange Membrane (PEM) Fuel Cell Using Electrode Processed from Kaong Waste Product	Cavite State University	<ul style="list-style-type: none"> • Agricultural sector • Environment sector 	Completed
360	LaBioRem: Landfill Bioremediation through Biodegradative activities of Pleurotus ostreatus (Oyster Mushroom) to High Density Polyethylene (HDPE) and other biodegradable polymers	Angeles University Foundation	<ul style="list-style-type: none"> • Environmentalists • Mycologists • Researchers 	Completed
361	Synthesis of nanocellulose from durian rinds for the preparation of a self- healing smart concrete with augmented mechanical properties	University of Mindanao	<ul style="list-style-type: none"> • Civil engineers • Architects • Ordinary people 	New
Good Governance Through Data Science And Decision Support System (GODDESS) Program				
362	Development of Data Analytics and Information System: Support on Social Welfare Services for Senior Citizens of Butuan City	Father Saturnino Urios University	<ul style="list-style-type: none"> • LGU Butuan City (Office of Senior Citizen Affairs & City Social Welfare and Development) • Senior Citizens • Academe • Students/Researchers 	Ongoing
363	PhilRice Data Analytics Initiative - RiceLytics	Philippine Rice Research Institute (PhilRice)	PhilRice and its customer/s and stakeholders	New
364	Dagupan City Garbage Monitoring System	Lyceum Northwestern University	Dagupan City LGU and constituents	New
365	Prescriptive Navigation through Vision-based Traffic Monitoring for City of San Fernando, La Union	Don Mariano Marcos Memorial State University	City of San Fernando, La Union Office of Public Safety	New
366	Hundred Islands National Park Management System: Implementation of Smart Tourism	Pangasinan State University	Hundred Islands National Park and Alaminos City Tourism Office	New
367	Development of Urdaneta City Bagsakan Market Tariff Information Systems	Urdaneta City University	Urdaneta City LGU and bagsakan market traders and marketers	New
Advanced Additive Manufacturing R&D Program (AMCen)				
368	Research on Advanced Prototyping for Product Innovation and Development using Additive Manufacturing Technologies (RAPPID-ADMATEC)	Metals Industry Research and Development Center	<ul style="list-style-type: none"> • Department of National Defense • Metals and Engineering Industry • Research and Development Institutes • Academe • Agriculture • Healthcare (Medical / Dental) 	Ongoing
369	Development of Multiple Materials Platform for Additive Manufacturing (MATDEV)	Industrial and Technology Development Institute	<ul style="list-style-type: none"> • Automotive Industry • Manufacturing industry • Researchers • Product Developer • Medical field 	Ongoing

Institution Development Program				
370	Establishment of a Solid Free Form Research Laboratory (SoFFReL)	Pangasinan State University - Urdaneta City	<ul style="list-style-type: none"> • Professionals • Stakeholders • Faculty members • Students 	New
371	Center for Green Nanotech Innovations for Envi Solutions (CGNIES)	University of Mindanao - Bolton	<ul style="list-style-type: none"> • Davao de Oro communities near mining sites • Barangay Magtuod Maa • Region XI universities • Region XI Research Institutions • Nabunturan Integrated Miners Development Cooperative (NIMDC) • Davao City Environment and Natural Resources Office • Riezl Landcare & Construction (RLC) 	Ongoing
372	Establishment of the Additive Manufacturing Center for Industrial Ceramics (AMCeram)	Adamson University	<ul style="list-style-type: none"> • Electronic Industry • Rapid Tooling • Academic Institutions • Biomedical • Non-Government Organizations 	Ongoing
373	Establishment of a Wind Turbine Development and Testing Laboratory	UP Diliman	<ul style="list-style-type: none"> • Researchers (faculty, students, and private individuals) • Engineers • Equipment fabricators • LGUs • NGOs • Schools 	Ongoing
374	Establishment of Robotics and Intelligent Systems Laboratory	Mindanao State University - General Santos	<ul style="list-style-type: none"> • Faculty and Students of the MSU-Gensan • Small Medium Enterprises 	Completed
375	Establishment of Mold Technology Support Center (MTSC)	Metals Industry Research and Development Center	Researchers and academe in die and mold	Ongoing
376	Establishment of the MSU - Marawi Optoelectronics Science Laboratory	Mindanao State University - Marawi	<ul style="list-style-type: none"> • Graduate students • The Scientific community • The Academe 	Completed
377	Establishment of AI Research Center for Community Development (AIRCoDE)	Camarines Sur Polytechnic College	<ul style="list-style-type: none"> • AI enthusiasts • Researchers • Students 	New
378	Establishment of ParSU Microbiology Testing Laboratory (MTL)	Partido State University - Goa	Partido State University - Goa	New
379	Establishment of Mindanao Natural (MinNa) Language Processing (LProc) Research and Development Laboratory	University of the Immaculate Concepcion	<ul style="list-style-type: none"> • Computing and Language Researchers • Filipino People 	New
380	Establishment of an Artificial Intelligence Research Laboratory (IntelLab)	Camarines Sur Polytechnic College	<ul style="list-style-type: none"> • AI enthusiasts • Researchers • Students 	New
381	PCIEERD Block Grant for Basic Researches	National Research Council of the Philippines	<ul style="list-style-type: none"> • Researchers • Academe 	Continuing

382	Balik Scientist Program (BSP) - PCIEERD Component	MultiAgency	<ul style="list-style-type: none"> Local host institutions (government, public or private academic institution, or a Filipino-owned enterprise/organization in the Philippines registered with the Securities and Exchange Commission (SEC)) 	Continuing
383	Regional S&T Consortia Program	MultiAgency	<ul style="list-style-type: none"> State universities and colleges Higher education institutions Regional partner agencies 	Continuing
384	PCIEERD Human Resource Development Program	MultiAgency	<ul style="list-style-type: none"> Filipino researchers, scientists and engineers (RSEs) Graduate students Local public and private academic or research institutions For visiting experts, can be foreign or local experts who possess the expertise needed by the requesting institution 	Continuing
385	Smarter Philippines through Data Analytics R&D, Training and Adoption (SPARTA)	Development Academy of the Philippines	<ul style="list-style-type: none"> General Public Local Government Units National Government Agencies 	Ongoing
386	Implementation of the RDLead Program	National Research Council of the Philippines	<ul style="list-style-type: none"> Researchers Academe 	Ongoing
387	Establishment of Advanced Mechatronics, Robotics, and Industrial Automation Laboratory (AMERIAL) in Support of the Metals and Engineering Industry	Metals Industry Research and Development Center	<ul style="list-style-type: none"> Academe Automotive Industry Agricultural Industry Metals and Engineering Industry Semiconductor Industry 	Ongoing
388	Impact Assessment of DOST/ PCIEERD Funded Projects	MultiAgency	<ul style="list-style-type: none"> PCIEERD decision makers Researchers Project managers Local government units General public 	Continuing
389	Development of Total Quality Management Enterprise System (TQMES) for the Philippine Council for Industry, Energy and Emerging Technology Research and Development	PCIEERD	<ul style="list-style-type: none"> PCIEERD decision makers Researchers Project managers Local government units General public 	Ongoing
390	Strengthening of Industry Strategic Science and Technology Plan (ISP) Information System for Improved R&D Management	Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development	<ul style="list-style-type: none"> ISP Managers Researchers Students Policy makers Government officials General public 	Completed
391	Financial Support for the Information Dissemination and Promotion of Technologies	MultiAgency	<ul style="list-style-type: none"> Public Researchers/Academe Policymakers Industry Players 	Continuing

392	SpaceBetweenUs: A Computer Vision Application for Physical Distancing Monitoring in Public Areas	Mindanao University of Science and Technology	<ul style="list-style-type: none"> • Local Government Units • Businesses • Schools 	Ongoing
393	Space Technology and Applications: The Philippine Microsatellite Program	Philippine Foundation for Science and Technology	<ul style="list-style-type: none"> • Filipino researchers and scientists • Students 	Ongoing
394	Revitalization and Improvement of Existing Bicol Science and Technology Centrum	DOST Region V	<ul style="list-style-type: none"> • Students • Teachers • Non-teachers • Other guests 	Completed
395	Project Management/Assessment and Policy Development Program (M&E)	MultiAgency	<ul style="list-style-type: none"> • Researchers • Policymakers 	Continuing