

**PSTC Cebu
2012 GIA Projects**

	TITLE OF PROJECT	NAME OF PROPONENT/IMPLEMENTING AGENCY	BENEFICIARY/LOCATION	Project Cost	Status	Expected Output
1	Application of the Integrated Rainwater, Stormwater and Wastewater Management System at the Green School for Climate Change in the Philippines - Phase I	United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)		₱440,000.00	Completed	
2	Support to the R&D Capacity/Capability Building of the CVCHR -7	Cebu Doctors' University - College of Medicine (for CVHRD-7)	Central Visayas Consortium for Health Research and Development/DOST 7, Sudlon, Lahug, Cebu City	₱300,000.00	Completed	Hiring of Science Research Assistant as Secretariat; Formulation of strategic plans; Conduct of capacity building activities for the members of the consortium
3	Materials Library @ Manila FAME Setting 2012	Cebu Furniture Industries Foundation (CFIF)	CFIF/Unit 15 Green Strips Bldg., S.E. Jayme St., Pak-naan, Mandaue City	₱100,000.00	Completed	Dissemination of information about the materials library; Linkage with five (5) new partners at the Manila Fame
4	Science & Technology Support for the Establishment for Argao Public Library Services	Argao Local Government Unit	Argao Public Library/Argao, Cebu	₱200,000.00	Completed	Increase in the number of library users to 100%; Training of three (3) library personnel in improved library management; Linkages with three (3) other municipal, regional or national libraries
5	S&T Support on the Production of Vegetable-Based Bread, Pastries and Noodle Products of KAMAMA Foundation, Inc. In Brgy. Sta. Cruz, Cebu City	KAMAMA Foundation, Inc.	KAMAMA Foundation, Inc./No. 06 Villanueva Street Cor Junquera Extension, Brgy. Sta. Cruz, Cebu City	₱200,000.00	Completed	Introduction of efficient equipment in the production of vegetable bread, pastries and noodles; Conduct of training; Establishment of other partners and networks

6	Materials R&D: Greening the Design Industries of Central Visayas - Phase 2	European Chamber of Commerce of the Philippines (ECCP)	ECCP/DOST 7 Banilad S&T Complex, Gov. M. Cuenco Ave., Banilad, Cebu City	₱553,232.00	Completed	Conduct of five (5) seminars on green marketing eco design; four (4) materials exhibitions; Updating of library contents; Increase in the number of library partners; Updating of online database
7	Establishment of Drying Technology Development Center in Central Visayas Phase 1 - 2012	CIT University	N. Bacalso Avenue, Cebu City	₱499,920.00	Completed	
8	Appropriate Technology Center for Adaptation to Climate Change (ATC-ACC)	HydroNet Consultants, Inc.	HydroNet Consultants, Inc./Cebu City	₱498,495.00	Completed	Development of technical and management capabilities of personnel; development of management plans and programs; installation of demonstration facility
9	S&T Human Resource Development for Pollution Control and Cleaner Production	Pollution Control Association of the Philippines - Cebu Chapter (PCAPI Cebu)	Banilad S&T Complex, Gov. Manuel Cuenco Ave., Banilad, Cebu City	₱393,406.00	Completed	Creation of module for training and development; selection of 13 graduates, trained and evaluated; facilitation of seven (7) trainees' application for employment
10	Materials R&D: Reinventing the Design Industries of Central Visayas	European Chamber of Commerce of the Phils. (ECCP)	ECCP/DOST 7 Banilad S&T Complex, Gov. M. Cuenco Ave., Banilad, Cebu City	₱540,784.00	Completed	Conduct of five (5) material exhibits; Assistance to five (5) companies in product development; Updating of database; Improvement of the physical set up of the materials library

11	Urban and Rural Technology Transfer and Commercialization of Farm Products Developed by FSTP-Trained Farmers in Region 7 (Phase II)	UPLB Foundation, Inc. (UPLBFI)	Local Farmers Scientists Associations in Region 7	₱1,000,000.00	Completed	Identification of farm products for commercialization and network system for packaging and marketing; Improvement of farmers' productivity and income; Formation o strong and active farmers association/cooperative; identification of high-yielding vegetables adoptable to local urban condition; formulation of policies for recommendation to promote and attract more farmers to engage in farm business utilizing scientific methods
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Submitted by:



TRISTAN L. ABANDO

Provincial S&T Director

PSTC Cebu
2013 GIA Projects

	TITLE OF PROJECT	NAME OF PROponent/IMPLEMENTING AGENCY	BENEFICIARY/LOCATION	Project Cost	Status	Expected Output
1	DOST 7 Roll-Out of OL/TRAP Project	DOST 7 Counterpart Fund	DOST VII, Sudlon, Lahug, Cebu City	₱431,749.00	Completed	Monitored OL Trap kits deployed to public schools; Measured OL Trap index in the region; Uploaded OLI data in the Dengue OL Trap Website; Gathered GPS coordinates of all public schools; Strengthened DOST's intensified campaign against dengue
2	Application of the Integrated Rainwater, Stormwater and Wastewater Management System at the Green School for Climate Change in the Philippines - Phase II	DOST 7 Counterpart Fund/ United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)		₱481,936.00	Completed	
3	Support to Capability Enhancement of the Cebu Investment Promotions Center in its Advocacy for Human Resource Development to sustain the growth of Information Technology (IT) and Business Process Outsourcing (BPO) industry in Cebu	Cebu Economic & Business Foundation / Cebu Investment Promotions Center (CIPC)	IT/BPO Companies, universities/colleges and students/Cebu City and Region 7	₱368,700.00	Completed	Assistance in the conduct of assessment of skills sets requirements of 98 IT/BPO companies in Cebu; Assistance in the development of manpower pooling for IT/BPO industry; Development and production of promotional collaterals and dissemination to at least 22 colleges/universities; Dissemination of DOST programs and services in the conduct of at least 12 fora/symposia; Provision of updated IT/BPO databases

3	S&T Support to CCCI OURFood (Optimizing & Upscaling Roles in the Food Supply Chain) Program	CEBU CHAMBER OF COMMERCE & INDUSTRY (CCCI),	Cebu Food Consultancy Group, Cebu Food Processors/CCCI Center, Cor. Commerce & Industry Streets, NRA, Cebu City	₱700,400.00	Completed	Development of a Modular Short Course Systems on Food Technology and Food Safety with priority on four (4) food sectors (sea foods, fruits and vegetables, meat products and baked goods); Creation of Cebu Food Consulting Group with 10-20 members; Design at least three (3) services to be offered by CFCG; Development of the Cebu Seal of Excellence Program; Institutionalization of the CFCG Services and the Cebu Seal of Excellence Program to CCCI Services
4	Assessment and Testing of Applicability of Environment-Friendly Technologies and Products	KORA DESIGN AND ARCHITECTS	KORA DESIGN AND ARCHITECTS/Banawa, Guadalupe, Cebu City	₱554,000.00	Completed	Assessment and testing of environment-friendly technologies and products; Design for the use of such products; Formulation of the plan for the production of environment-friendly technologies and products
5	Urban and Rural Technology Transfer and Commercialization of Farm Products Developed by FSTP-Trained Farmers in Region 7 (Phase II)	UPLB Foundation, Inc. (UPLBFI)	Local Farmers Scientists Associations in Region 7	₱1,000,000.00	Completed	Identification of farm products for commercialization and network system for packaging and marketing; Improvement of farmers' productivity and income; Formation of strong and active farmers association/cooperative; identification of high-yielding vegetables adoptable to local urban condition; formulation of policies for recommendation to promote and attract more farmers to engage in farm business utilizing scientific methods

6	2013 Central Visayas Regional Invention Contest and Exhibits (RICE)	DOST 7 Counterpart Fund/ DOST Technology Application & Promotion Institute	DOST VII, Sudlon, Lahug, Cebu City	₱65,000.00	Completed	Exhibition of DOST 7 services and programs; Conduct of technology for a/symposia
7	Capability Building of Regional DOST Decision-Makers on the Development of Green Economy in the Philippines	DOST 7 Counterpart Fund	DOST VII, Sudlon, Lahug, Cebu City	₱123,991.65		
8	Establishment of a Regional Center for Research in Materials Science and Technology	College of Engineering, University of San Jose-Recoletos, Cebu City	College of Engineering, University of San Jose-Recoletos, Cebu City/Magallanes, Cebu City	₱909,440.00	Completed	Establishment of the physical facility of the Research Center; Acquisition of the needed hardware and software; Identification and training of needed personnel; Development of a Materials Science and Technology Agenda; development of at least two (2) training modules; Conduct of two (2) fora or seminar workshops to at least 40 persons; Development of initial research topics
9	Establishment of Science, Technology, Engineering and Mathematics (STEM) Library and Activity Center	CCL CentrEx (Dr. Caridad C. Labe Education Center of Excellence)	CCL Centrix and public school learners in Lapu-lapu City/Gun-ob, Lapu-lapu City, Cebu	₱350,000.00	Completed	Engagement of 50 or more public school learners per month in STEM activities; Training of at least one (1) librarian and one (1) library staff in e-library management; Establishment of linkages to at least three (3) partners for the library and its STEM activities; Increasing the number of member public schools trained in robotics from 10 to 15

10	Establishment of a Pilot Plant for the Production and Technology Transfer of Hospital Bed	MEDICAL SUPPORT RESEARCH DEVELOPMENT (MSRD), TAEDONG PRIME and its associates,	MSRD Taedong Prime/DOST VII, Sudlon, Lahug, Cebu City	₱906,132.00	Completed	Establishment of a manufacturing facility for hospital beds; Training of 40 persons in the manufacture of hospital beds; Linkage of the project with users and adopters; Development of partnership between DOST 7 and MSRD
11	Structure Establishment for National Supply Chain System of Creative Sectors in Central Visayas (Phase II)"	CEBU FURNITURE INDUSTRIES FOUNDATION, INC. (CFIF),	CFIF/Unit 15 Green Strips Bldg., S.E. Jayme St., Pak-naan, Mandaue City	₱419,385.53	Completed	At least two (2) Pos become suppliers of raw and semi-processed materials to the furniture and GTH manufacturers; Development and documentation of one (1) appropriate market scheme/network linking supplier to creative sectors; Identification of at least three (3) S&T intervention for recommendation to concerned institutions or agencies

Submitted by:


 TRISTAN L. ABANDO

Provincial S&T Director

PSTC Cebu
2014 GIA Projects

	TITLE OF PROJECT PER CATEGORY	NAME OF PROPONENT/IMPLEMENTING AGENCY	BENEFICIARY/LOCATION	Project Cost	Status	Expected Output
1	Support to the FabLab Asia Network Innovation Bootcamp and First Conference (FAN1)	Department of Trade and Industry - Region VII		₱216,000.00	Completed	
2	Support to the Community Based Poverty Alleviation Program with S&T Intervention and Piloting of the Use of Solar Technology to Provide Energy being affected by Typhoon Yolanda in the Municipality of Madridejos, Cebu	Municipal Government of Madridejos,	Madridejos, Cebu	₱500,000.00	Completed	
3	Technical Assistance for Micro, Small and Medium Enterprises (MSMEs) in Cebu	PSTC Cebu	S&T Complex, Sudlon Lahug, Cebu City	₱886,650.00	Completed	
4	Information Support to Libraries of six (6) Public National High School severely damaged by Typhoon Yolanda in Northern Municipalities of the Province of Cebu	Department of Education, Division of Cebu Province	Lahug, Cebu City	₱540,000.00	Completed	<ul style="list-style-type: none"> • To assist the library needs of the additional six (6) Public High Schools severely damaged by Typhoon Yolanda in Northern Cebu. • To install the STARBOOKS kiosks in the identified six (6) Public High Schools. • To make available and accessible digital information to the students and general public of the six (6) Municipalities in Northern Cebu. • Train library staff/kiosk administrator in the operation and maintenance of the STARBOOKS facilities • Generate at least 100 STARBOOKS

5	DNA Barcoding of Endemic <i>Cinnamomun sp.</i> In Cebu and Its Molecular Phylogenetics to Other Related Species	UP Cebu,	Lahug, Cebu City	₱531,800.00	Completed	<ul style="list-style-type: none"> • To asses the variation within species based on leaf morphology based on length, length-to-width ratio, apex angle, base angle, and venation pattern) and shoot anatomy. • Evaluate the utility of DNA barcoding in discriminating <i>C. cebuense</i> species with other <i>Cinnamomum</i> species using <i>rbcl</i>, <i>matK</i> and <i>trnH-psbA</i> markers. • To estimate the performance of both single- and multi region barcodes in combination with the other regions, single or combined in
6	Technology-Design Fusion through Materials Innovation Project	European Chamber of Commerce of the Philippines (ECCP)	S&T Complex, Banilad, Cebu City	₱516,000.00	Completed	<ol style="list-style-type: none"> 1. Updated library content with new books and new material swatches. 2. Conducted industry-academe linkage partnership projects with 4 different companies. 3. Conducted 3 material/technology exhibits in the Materials Innovation Centre. 4. Conducted the following workshops or seminars during project implementation: <ol style="list-style-type: none"> a. Integrating up-cycled materials in designs b. Applications of innovated fabrics c. Bamboo Applications 5. Community-based company/organization/cooperative in Mabinay producing pre-processed bamboo. 6. At least two (2) companies to enroll in Department of Science and Technology Region VII's Small Enterprise Technology Upgrading Program (SET-UP)

7	Establishment of Green Energy Based Government Center Roadside Directory with Phil. Standard Time Based Outdoor Digital Clock and Renewable Energy Based Lighting Systems	National Economic Development Authority (NEDA) Region VII,	Lahug, Cebu City	₱150,000.00	Completed	Established an LED-lighted directory edifice/structure with PST-Synced Clock situated along the sideroad junction of Civil Service Commission and Highway Patrol Group R7 Depot (old CSCST – Sudlon Campus)
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Submitted by:



TRISTAN L. ABANDO

Provincial S&T Director

PSTC Cebu
2015 GIA Projects

	TITLE OF PROJECT PER CATEGORY	NAME OF PROPOSER/IMPLEMENTING AGENCY	BENEFICIARY/LOCATION	Project Cost	Status	Expected Output
1	Science and Technology Support to CCCI OURFood (Optimizing and Upscaling Roles in the Food Supply and Value Chain) Program- Phase 2	Cebu Chamber of Commerce, Inc.	NRA, Cebu City	₱837,400.00	On Going	<p>A. Lean and Green Program</p> <p>1. Modules for Lean Manufacturing and Environmentally-friendly technologies</p> <p>2. 5 companies trained on Lean and Green Program</p> <p>B. Increase in Membership of the CFCG</p> <p>1. List of new members (10-20)</p> <p>2. Trained Coached and mentored 10-20 new members designed at least 3 services to be offered by CFCG</p> <p>3. CFCG to train and to access at least 10 companies in 2015</p> <p>4. Continuous training program for the development of CFCG</p> <p>C. Draft of Food Safety related ordinance</p> <p>1. Survey results presented to LGU for legislation</p> <p>2. Publication of the survey results of research on food safety</p> <p>3. Draft of the food safety-related ordinance</p>
2	Developing Empowered Community in the Municipality of Sta. Fe, Cebu through Science and Technology (CEST Project)	LGU Sta. Fe	Sta. Fe, Cebu	₱532,340.00	On Going	<ul style="list-style-type: none"> • Identified specific interventions under the 5 components of CEST • Supported at least five (5) enterprise development initiatives of the LGU; • Conducted at least five (5) trainings relevant to the implementation of the different CEST components; • Identified at least three (3) potential S & T-based enterprises for SETUP-ISS Program.

3	Urban and Rural Technology Transfer and Commercialization of Vegetable-Based Products Through the Farmer-Scientists Teaching Fellow Farmers in Brgy. Luz; and Brgy. Lahug, Cebu City and Brgy. Casuntingan, Mandaue City under FSTP Phase III	UNIVERSITY OF THE PHILIPPINES LOS BAÑOS FOUNDATION, INC. (UPLBFI)		₱767,280.00	Completed	<ol style="list-style-type: none"> 1) Formation of strong and active Farmer-Scientists Associations (FSA) or cooperatives for community development 2) Organization of FS team teachers in Brgys. Luz and Lahug. 3) Preparation of topic and lecture materials by FS teachers for delivery 4) Action plan for Phase III and Phase I barangay level implementation 5) Identification of project sites and participants in Brgys. Luz and Lahug. 6) Establishment of three experimental sites in Brgys. Luz and Lahug. 7) Identified network system for packaging and marketing. 8) Developed packaging and marketing strategies. 9) Improved farmers productivity and income 10) Recommended policies to promote and attract more farmers
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4	S&T Support to CTU's Extension Program for Community-Based Enterprise Development	Cebu Technological University Main Campus	M. J. Cuenco Avenue, Cebu City	₱600,000.00	On Going	<ul style="list-style-type: none"> • Identified CTU-developed products or technologies that would be ready for transfer to target beneficiaries. • Determined S&T interventions for further improvement and development of identified products or technologies. • Conducted capability building activities to enhance the skills of CTU focal persons and other personnel in providing technical advisory to community-based enterprises or organizations. • Identified community-based enterprises or organizations that would adopt the processing of identified products. • Endorsed community-based enterprises or organizations to DOST for further technology interventions.
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Provincial S&T Director

PSTC Cebu
2016 GIA Projects

	TITLE OF PROJECT PER CATEGORY	NAME OF PROPONENT/IMPLEMENTING AGENCY	BENEFICIARY/LOCATION	Project Cost	Status	Expected Output
1	Operationalization of One Store	DOST Region II		₱150,000.00	On Going	
2	S&T Support to Community-Based Drought Resistant Natural Farming System	Action for Skills Knowledge Education and Wellness Center (ASKEDWELL)	Bongdo, Borbon, Cebu	₱500,000.00	On Going	<ol style="list-style-type: none"> 1. Provide farmers' alternative sources of livelihood in preparation for climate change specifically El Niño phenomenon 2. Develop farmers' capability through relevant training and provision of access to digital library 3. Utilize science and technology in natural farming systems 4. Develop entrepreneurial competencies among farmers 5. Pursue the goals of sustainable agriculture in local communities 6. Farmers earn an average of P 5,000.00 per month during the duration of the El Niño which could last for 9 to 10 months based on historical information 7. Develop youth for sustainable agriculture and continuing the work of elderly farmers country.

3	S&T Support for the Design (De-Tech) Fusion through Materials Innovation Level-Up	European Chamber of Commerce of the Philippines (ECCP)	S&T Compound, Banilad, Cebu City	₱613,554.00	On Going	<ul style="list-style-type: none"> • Promoted and developed the capability of the creative manufacturing industries on the use of bamboo as material for product, design and project application • Developed the capability of the creative manufacturing industry on the utilization of natural dyes for dyeing of natural fibers • Promoted the services and available material innovations of the Materials Innovation Centre (MATIC) for utilization and application of the relevant industries • Upgraded and expanded the resources of the Materials Library • Developed collaborative shop floor R&D projects between manufacturing companies and local universities • Endorsed SMEs to DOST 7 for S&T interventions
4	Technology Promotion and Field Testing of the Hybrid Electric Road Train in Cebu City	Metals Research Industry Research and Development (MIRDC)		₱2,484,000.00	On Going	<ul style="list-style-type: none"> • Promoted and field tested the Hybrid Road Train with automatic fare system that will serve as alternative transport for the Local Government in Metro Cebu • Identified parts and components of the Road train for optimization
5	Counterpart of DOST 7 for the Institutional Development Activities of CVCHRD	Central Visayas Consortium for Health Research and Development (CVCHRD)		₱281,069.56	On Going	

6	S&T Support to the Sustainable Operations of the Central Visayas Food Innovation Center at CIT University	Cebu Institute of Technology-University (CIT-U)	N. Bacalso Avenue, Cebu City	₱850,324.00	On Going	<ol style="list-style-type: none"> 1. Established and initiated operations of CVFIC 2. Conducted capacity and capability building activities CVFIC 3. Conduct of food product research and development, training, consultancy and technology transfer activities for the food MSMEs and other relevant sectors in Central Visayas. <ol style="list-style-type: none"> a. Developed 100 food products b. Conducted 5 trainings c. Assisted 15 MSMEs 4. Developed 3-year strategic plan for the sustainability of the food innovation center.
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