IMPLEMENTING ARRANGEMENT #10 TO THE AGREEMENT BETWEEN THE AMERICAN INSTITUTE IN TAIWAN AND THE TAIPEI ECONOMIC AND CULTURAL REPRESENTATIVE OFFICE IN THE UNITED STATES FOR TECHNICAL COOPERATION IN THE FIELD OF ENVIRONMENTAL PROTECTION

Article I: Purpose

This Implementing Arrangement is entered into by the American Institute in Taiwan (AIT) and the Taipei Economic and Cultural Representative Office in the United States (TECRO), hereinafter referred to as the "Parties", to implement program activities under the Agreement between AIT and TECRO (formerly the Coordination Council for North American Affairs) for Technical Cooperation in the Field of Environmental Protection, dated June 21, 1993 (the "AIT/TECRO Agreement"). Pursuant to an agreement effective as of June 2013, AIT and TECRO extended the AIT/TECRO Agreement until June 21, 2018. AIT through its designated representative, the U.S. Environmental Protection Agency (EPA), in cooperation with TECRO, through its designated representative, the Environmental Protection Administration in Taipei (EPAT), shall carry out program tasks, determine priorities for future cooperation activities, and develop Implementing Arrangements which shall set forth work programs for such future activities.

Article II: Authorization

The activities described in this Implementing Arrangement shall be carried out under the general terms and conditions of the AIT/TECRO Agreement. This Implementing Arrangement is herby attached to the AIT/TECRO Agreement and becomes part of the Agreement.

Article III: Scope of Work

Program tasks to be carried out under this Implementing Arrangement are summarized in Attachment 1- Technical Cooperation Program Description and Budget for 2013, 2014, and 2015.

Article IV: Responsibilities of AIT

The responsibilities of AIT through its designated representative, EPA, under this Implementing Arrangement are:

- A. To undertake the tasks and manage the funds set forth in the attachments;
- B. To make available personnel, equipment, and other assistance as may be necessary to carry out such tasks;
- C. To facilitate and provide support for consultations between and among representatives of TECRO, EPAT, EPA and other appropriate agencies; and
- D. To report not more frequently than on an annual basis or at the end of the term of this Implementing Arrangement to TECRO on the use of funds received from TECRO pursuant to Article VI.

Article V: Responsibilities of TECRO

à

The responsibilities of TECRO through its designated representative, EPAT, under this Implementing Arrangement are:

- A.To provide all necessary financial assistance in accordance with Article V of the AIT/TECRO Agreement and Article VI of this Implementing Arrangement, as well as administrative and other assistance to support AIT in undertaking the tasks set forth in the Attachments.
- B. To provide guidance for and to facilitate consultations between and among representatives of AIT, EPAT, EPA and other appropriate agencies; and
- C. To ensure that all necessary logistical arrangements for tasks to be conducted in the territory of the authorities represented by TECRO, including the provision of training and conference facilities, are completed prior to the commencement of each such task.

Article VI: Financial Arrangements

In accordance with Article V of the AIT/TECRO Agreement and prior to the commencement of activities by AIT's designated representative under this Implementing Arrangement, during each of the fiscal years for which this Implementing Arrangement is in force, TECRO shall advance to AIT the amount of funds (in U.S. dollars) specified in the Attachments to this Implementing Arrangement. These funds shall be used by AIT's designated representative to defray costs that it incurs in carrying out the tasks that are indicated in the Attachments to be undertaken during such fiscal year. Upon receipt of funds from TECRO for each fiscal year, AIT, through its designated representative, shall commence such tasks.

Any funds received by AIT from TECRO that remain at the end of the term of the AIT/TECRO Agreement shall be returned to TECRO unless EPA and EPAT, designated representatives of AIT and TECRO, respectively, request that remaining funds be reprogrammed into subsequent Implementing Arrangements.

Article VII: Intellectual Property Consideration

No intellectual property or confidential business information considerations are expected to arise in conjunction with activities to be undertaken pursuant to this Implementing Arrangement.

Article VIII: Entry into Force, Amendment, and Termination

This Implementing Arrangement shall enter into force on the date of the last signature hereinafter, may be amended by written agreement of the Parties at any time, and will remain in force for the period covered by Attachment 1, unless terminated by either Party upon six months written notice to the other Party and its designated representative. Termination shall not affect the validity or duration of activities not fully completed at the time of termination. Program management activities regarding future proposed Implementing Arrangements may continue before an amendment is finalized.

IN WITNESS WHEREOF, the undersigned, being duly authorized, have signed this Implementing Arrangement.

Done in duplicate.

J. Jely Name

Managing Director

Title FOR THE AMERICAN INSTITUTE IN TAIWAN

Name

Deputy Representative

Title FOR THE TAIPEI ECONOMIC AND CULTURAL REPRESENTATIVE OFFICE IN THE UNITED STATES

July 19, 2013

July 16, 2013

Date

Washington, D.C.

Washington, D.C

Place

Place

Attachment 1: Technical Cooperation Program Description and Budget for 2013, 2014 and 2015

Attachment 1

Technical Cooperation Program Description and Budget for 2013, 2014 and 2015

I. Scope and Implementation

II. Shared Priorities Addressed by Each Activity and Regions

III. Capacity Building Activities and Joint Regional Activities

IV. Budget

TIME FRAME FOR ALL ACTIVITIES: January 2011 through December 2013

Activity 1	Site Remediation
Activity 2	Air quality protection, Green House Gas Emissions Mitigation and Enhanced Sustainability
Activity 3	E-waste Prevention, Management and Recycling
Activity 4	Environmental Law Compliance and Enforcement
Activity 5	Climate Change & Adaptation
Activity 6	Environmental Education
Activity 7	Program Management

I. SCOPE AND IMPLEMENTAITON

Collaboration under this implementing arrangement (IA) is under the auspices of the American Institute in Taiwan (AIT) and the Taipei Economic and Cultural Representative Office in the United States (TECRO) pursuant to articles I-VIII of this Implementing Arrangement. The U.S. Environmental Protection Agency (EPA) and the Environmental Protection Administration in Taipei (EPAT) are designated representatives of AIT and TECRO, respectively, and all references to EPA and EPAT in this document are made in this context. Collaboration under this IA is focused on environmental protection topics affecting the territory of the authorities represented by AIT, the territory of the authorities represented by TECRO, and the global environment. Activities in this IA align with global topics prioritized by EPA and EPAT respectively.

EPA's six global priorities are: combating climate change by limiting pollutants, building strong environmental institutions and legal structures, improving air quality, expanding access to clean water, reducing exposure to toxic chemicals and reducing hazardous waste, and cleaning up e-waste.

EPAT's priorities are: building capacity for the remediation of contaminated sites, advancing cleaner ports air quality, strengthening greenhouse gas emissions reduction programs, enhancing environmental law enforcement and compliance, promoting environmental monitoring and information management capacity, monitoring mercury, establishing a low carbon society, and strengthening global partnerships to address ewaste.

Activities in this IA may evolve, change, or be replaced by other activities as information becomes available, progress is made in implementing the activities and achieving objectives, or priorities change. Implementation of these activities may involve information and data gathering, research, analysis, modeling, training, documentation, study tours, development and implementation of best practices in technology, regulation, and partnerships; technology transfer and other efforts. As progress is made in implementing activities, the tools used to continue implementation may be adjusted to optimize results. (i.e., an activity may shift from information gathering to training or partnering).

AIT and TECRO's designated representatives, EPA and EPAT, have built a strong collaboration and technical expertise foundation on environmental protection. This implementing arrangement strengthens this collaboration and advances collaboration on shared priorities by focusing on two objectives: to continue advancing environmental protection in the territory of the authorities represented by TECRO on shared priority areas, and assist EPAT in engaging regional/global partners to advance regional/global environmental protection on shared priority areas where EPAT is positioned to lead.

To advance regional environmental protection, EPA and EPAT, as AIT and TECRO's designated representatives, plan to engage other territories in the region in relevant activities (and elsewhere when appropriate) to build expert networks, exchange expertise, experience, and best practices. In advancing regional environmental protection, EPAT will lead as an environmental expert and EPA will assist as necessary.

In implementing regional environmental collaboration with EPAT, EPA IA10 program managers, technical leads or designated representatives may:

- 1. Travel to other territories identified by EPA and EPAT to engage, prepare, or implement regional elements of each activity under this arrangement;
- travel to the territories of the authorities represented by AIT and TECRO or other locations or in order to co-implement regional activities with EPAT experts/representatives;
- sponsor regional representatives/experts to regional events hosted by EPAT and EPA in the territory of the authorities represented by TECRO or other locations or in order to replicate successful programs.

II. LIST OF SHARED PRIORITIES ADDRESSED BY EACH ACTIVITY

,

.

ETA Olubar I Hur		×				┍╶╌╩╌╩╌╌╌	
	IA10-1	IA10-2	IA10-3	IA10-4	1A10-5	IA10-6	1A10-7
Building strong environmental institutions & legal structures	Ø	Ø	Ø	Ø	Ø	Ø	Ø
Reducing exposure to toxic chemicals	Ø	Ø	Ø	Ø		52	Ø
Expanding access to clean water	Ø	Ø		Ø		Ø	Ø
Combating climate change by limiting pollutants		Ø		Ø		Ø	Ø
Improving air quality		Ø		Ø	Ø	Ø	Ø
Cleaning up e-waste			Ø		Ø		Ø

EPA Global Priorities addressed by this Implementing Arrangement (by activity)

	LA10-1	LA10-2	IA10-3	IA10-4	IA10-5	IA10-6	IA10-7
Building capacity for the remediation of contaminated sites	Ø			Ø			
Promoting environmental monitoring and information management capacity		Ŋ	Ø	Ø			
Monitoring Mercury		Ø					
Strengthening global partnerships to address e-waste				Ø			Ø
Advancing cleaner ports air quality		Z		Ø			
Establishing low carbon communities		Ø		Ø	Ø	Ø	Ø
Green House Gas Emissions Reductions		Ø		Ø	Ø		Ø
Enhancing environmental law enforcement and compliance			Ø	Ø	Ø		Ø

EPAT Global Priorities addressed by this Implementing Arrangement (by activity)

,

.

III. CAPACITY BUILDING ACTIVITIES AND JOINT REGIONAL ACTIVITIES

Ac	tivity 1	IA10-1	Site Remediation

Project Description & Objective

Contaminated sites threaten communities and public health, particularly that of vulnerable polulations such as the elderly and children. Brownfields and other contaminated sites are prevalent in many parts of Asia. EPAT, TECRO's designated representative has a robust capacity to address issues associated with contaminated sites. The purpose of this activity is to continue to build TECRO's designated representative, EPAT's, capacity and advance regional capacity to develop, choose, design, operate, and monitor various site remediation technologies and to improve compliance with regulations and achieve environmental objectives on contaminated sites. Collaboration under this activity may take the form of advanced training and technical assitance related to site remediation approaches and technologies introduced under previous Implementing Arrangements such as bioremediation and remediating contaminated sediments.

Activities

2013

- Training and workshops planned in the territory of the authorities represented by TECRO on characterization and remediation of contaminated sites.
- TECRO's designated representative, EPAT plans to host regional training courses or workshops on a topic of relevance to regional partners in addressing contaminated sites.
- The agencies plan to engage implementing partners to support training and pilot projects in the territories of the authorities represented by AIT and TECRO and elsewhere in the region where such activities complement Soil & Groundwater Remediation Fund Management Board's regional efforts.
- EPA may provide technical consultations and training to support the development of risk assessments related to children's health and the integration of children's health impact on environmental policy approaches.
- EPAT may send an expert delegation to participate in conferences in the territory of the authorities represented by AIT or hosted by EPA on relevant topics under this activity. EPA's Office of International & Tribal Affairs (OITA) and technical experts plan to identify such opportunities.

- Training and workshops in the territory of the authorities represented by TECRO on soil or groundwater sampling strategies of contaminated sites.
- EPAT plans to host regional training courses or workshops on a topic of relevance to regional partners in addressing contaminated sites
- The agencies plan to engage implementing partners to support training and pilot projects in the territories of the authorities represented by AIT and TECRO and elsewhere in the region where such activities complement Soil & Groundwater Remediation Fund Management Board's regional efforts.
- EPAT may send an expert delegation to participate in conferences in the territory of the authorities represented by AIT or hosted by EPA on relevant topics under this activity. OITA and technical experts will identify such opportunities.

- EPA may provide technical consultations and training to support the development of risk assessments related to children's health and the integration of children's health impact on environmental policy approaches.
- 2015
- Training and workshops in the territory of the authorities represented by TECRO on soil or groundwater sampling strategies of contaminated sites.
- EPAT hosts regional training courses or workshops on a topic of relevance to regional partners in addressing contaminated sites
- EPA may provide technical experts in support of EPAT development of risk assessments related to children's health and the integration of children's health impact components to workshops and trainings under this activity.
- The agencies plan to engage implementing partners to support training and pilot projects in the territories of the authorities represented by AIT and TECRO and elsewhere in the region where such activities complement Soil & Groundwater Remediation Fund Management Board's regional efforts.
- EPAT may send an expert delegation to participate in conferences in the territory of the authorities represented by AIT or hosted by EPA on relevant topics under this activity. OITA and technical experts will identify such opportunities.

Measuring long-term results and relevant environmental information

- EPAT plans to survey and report on how the information from these workshops is used, including any changes or adjustments made as a result of the activity
- Relevant environmental information encompasses the following: the total area or sites of contaminated sites in the territory of the authorities represented by TECRO that are remediated by adopting the methods recommended by EPA experts. Intermediate outputs that EPAT may track for the purpose of performance measurement may include: number of technical experts trained on introduced technologies and processes and number of new regulations or processes adopted in the territory of the authorities represented by TECRO or regionally as a result of EPA and EPAT joint efforts as designated representatives of AIT and TECRO respectively.
- EPAT Office of Sustainable Development plans to coordinate with relevant bureaus to identify and report on these outcomes.

	Activity 2	IA10-2	Air quality protection, Green House Gas Emissions Mitigation and Enhanced Sustainability
<u>ب</u>			└ _{───} ── <u>──</u> ── <u>──</u> ───────────────────────

Project Description & Objective

- The long-term objective of cooperating in the field of air quality protection and greenhouse gases mitigation is to assist environmental authorities in the territory of the authorities represented by TECRO in achieving the target of reducing overall greenhouse gases emissions to 2005 levels by 2020 and to 2000 levels by 2025. Improving urban air quality and mitigating climate-forcing pollutants is also a global priority of AIT's designated representative, EPA. Moreover, regional and global partners recognize the cross-boundary impact of air quality and the challenge of climate change. Therefore, the agencies have agreed to support partners in the region through this Implementing Arrangement.
- This activity is focused on reducing air pollutants and mitigating greenhouse gases

emissions from targeted activities and sectors; enhancing the sustainability of targeted sectors such as ports; and promoting sustainability in the territory of the authorities represented by AIT and the Asia-Pacific region. Targeted activities may include development, communities, transportation, energy generation and use and manufacturing.

- Leading technical and scientific knowledge in this field can be found in academia, municipalities, non-profit organizations, sub-national programs in the territory of the authorities represented by AIT and elsewhere. Where appropriate, program managers may recommend and designate qualified experts to conduct consultations and/or training in the territories of the authorities represented by TECRO, AIT, or elsewhere in the region when the two designated representatives, EPA and EPAT, agree that the program would benefit from such expertise
- Where appropriate, AIT's designated representative may share expertise and promote available technologies and tools that could benefit the regional environment such as AirNow International, a real-time air quality data management and display system in North America and tools that could benefit the domestic or local greenhouse gases management such as e-GGRT, EPA's greenhouse gases reporting system.

Activities

- EPA, AIT's designated representative shall continue with technical consultations and training regarding PM_{2.5} control strategies such as inventory establishment, control measures, monitoring approaches, modeling support tools and other tools as appropriate.
- Staff of EPA, AIT's designated representative, and EPAT, TECRO's designated representative, may jointly participate in, or host, local or regional meetings to share technologies and experiences related to air quality improvement and management. Such experience sharing may be related to air quality assessment and modeling tools, sustainable ports, or other topics related to regional air quality and sustainability.
- Expert consultations on topics that may include but are not limited to: setting air quality standards; monitoring of emissions; management of information; integration of emissions inventories; setting and measuring performance standards; the monitoring and management of heavy metal pollution such as mercury; implementation of air quality improvement and management strategy, statutory policy, and technology assessment.
- EPA, AIT's designated representative and EPAT, TECRO's designated representative, plan to sustain regional programs initiated under Implementing Arrangement 9 including the Regional Working Group on Environmental Information, sustainable ports working group, and the Asia-Pacific Mercury Monitoring Partnership which was established in cooperation with National Atmospheric Deposition Program. Regarding these three long-term regional partnerships, the scope and direction of each of these sub-activities shall be determined by agency program managers and technical leads in consultation with regional partners. Proposals are subject to approval by EPA and EPAT, AIT's and

TECRO's respective designated representatives.

- Staff of EPA, AIT's designated representative, and EPAT, TECRO's designated representative, may jointly participate in, or host, local or regional meetings addressing greenhouse gases. These initiatives can be hosted or organized by implementing partners to share technologies and experiences related to greenhouse gases management, mitigation strategies and approaches.
- Staff of EPA, AIT's designated representative, and EPAT, TECRO's designated representative, may engage, provide or exchange, in the form of document sharing, expert consultations, training workshops and/or meetings, to share technologies and experiences that may include but are not limited to: monitoring and verification of greenhouse gases emissions, management of information, integration of emission inventory, setting and measuring greenhouse gases emission performance standards for electricity generation and/or other sectors, modeling tools, statutory policy, technology assessment, or other topics related to greenhouse gases management, mitigation strategies and approaches.
- Engagements under this activity may include either hosting or arranging visits of delegations in the territories (such as Office of Air and Radiation, EPA; California Air Resources Board; or Planning, Rule Development & Area Sources, South Coast Air Quality Management District, etc.) represented by AIT. Such visits under the Implementing Arrangement shall be coordinated with EPA's Office of International & Tribal Affairs and EPAT's Office of Sustainable Development.

2014, 2015

- EPA, AIT's designated representative shall continue with technical consultations and training regarding PM2.5 control strategies such as inventory establishment, control measures, monitoring approaches, modeling support tools and other tools as appropriate.
- Staff of EPA, AIT's designated representative, and EPAT, TECRO's designated representative, may jointly participate in, or host, international meetings to share technologies and experiences related to air quality improvement and management. Such experience sharing may be related to air quality assessment and modeling tools, sustainable ports, or other topics related to regional air quality and sustainability.
- Staff of EPA, AIT's designated representative, and EPAT, TECRO's designated representative, may jointly participate in, or host, international and/or local-level greenhouse gases meetings to share technologies and experiences related to greenhouse gases management, mitigation strategies and approaches.
- Continuing expert consultations regarding regulation and implementation of topics that may include but are not limited to: setting air quality standards, monitoring of emissions, management of information, integration of emissions inventories, setting and measuring performance standards, and the monitoring and management of heavy metal pollution such as mercury, implementation of air quality improvement and management strategy, statutory policy, and technology assessment.
- Continuing document sharing, expert consultations, training workshops and/or meetings regarding topics that may include but are not limited to: monitoring and

verification of greenhouse gases emissions, management of information, integration of emission inventory, setting and measuring greenhouse gases emission performance standards for electricity generation and/or other sectors, modeling tools, statutory policy, technology assessment, or other topics related to greenhouse gases management, mitigation strategies and approaches.

- EPA, AIT's designated representative and EPAT, TECRO's designated representative, plan to sustain regional programs initiated under Implementing Arrangement 9 including the Regional Working Group on Environmental Information, sustainable ports working group, and the Asia-Pacific Mercury Monitoring Partnership which was established in cooperation with National Atmospheric Deposition Program. Regarding these three long-term regional partnerships, the scope and direction of each of these sub-activities shall be determined by agency program managers and technical leads in consultation with regional partners. Proposals are subject to approval by EPA and EPAT, AIT's and TECRO's respective designated representatives.
- EPA, AIT's designated representative, may consider accepting detailees from TECRO's designated representative, EPAT. The locations, qualifications, length of assignment, scope of work, costs and other aspects of this detail opportunity shall be determined through negotiations. All costs incurred through this posting shall be borne by EPAT.
- Engagements under this activity may include either hosting or arranging visits of delegations in the territories of the authorities represented by AIT. Such visits under this Implementing Arrangement shall be coordinated through EPA's Office of International & Tribal Affairs and EPAT's Office of Sustainable Development.

Measuring long-term results and identifying relevant environmental information

- EPAT will report on how the information from these activities is used, including any changes or adjustments made in approaches for implementing greenhouse gases management, air quality improvement strategies implemented by TECRO or the advancement of sustainable communities projects in the territory of the authorities represented by TECRO.
- Relevant environmental information encompasses the following for both EPAT and partner agencies: EPAT's capacity to serve as train-the trainer in these fields for regional partners (i.e. the number of trainers trained through collaborative activities) and the total domestic reduction in climate-forcing pollutants annually resulting from changes to regulation or voluntary measure which are made based on information obtained from these capacity building activities. All parties will take effort to track legal, regulatory, or programmatic changes that result from trainings delivered through this activity.
- EPAT Office of Sustainable Development will coordinate with relevant bureaus and partner agencies to identify these outcomes.

- {			
1	Activity 3	IA10-3	E-waste Prevention, Management and Recycling
I			

Project Description & Objective

Protecting human health and the environment from the potentially harmful effects of manufacturing, use, recovery, recycling and disposal of electronic waste has become an

increasingly important global issue. AIT and TECRO's designated representatives, EPA and EPAT, plan to collaborate with regional partners to share experience on the management of waste electrical and electronic equipment (WEEE), including pollution prevention, green design of electronic products, environmentally sound dismantling and recycling, improving environmental, health and safety conditions for informal sector recyclers, technology enhancement and promoting best practices within industry.

The purpose of this activity is to improve regional capacity for the environmentally sound management of used electronics and to share best practices for global WEEE management.

Activities

2013

- EPA, AIT's designated representative and EPAT, TECRO's designated representative, plan to sustain the regional partnership initiated under Implementing Arrangement 9 including the Global E-waste Management Network involving partners and experts from Latin America and the Caribbean, Africa, Asia, and North America. Regarding this long-term regional partnership, the scope and direction of this initiative shall be determined in consultation with regional partners and approved by EPA and EPAT, AIT's and TECRO's respective designated representatives. This may involve travel of EPA and EPAT experts to the territories of implementing partners in regions including, but not limited to, North America and Asia.
- EPA, AIT's designated representative can assist with study tours related to ewaste management where topical expertise exists in the territory of the authorities represented by AIT or identify appropriate EPA or non-EPA technical experts to provide technical training or information to EPAT. Study tour topics may relate to pollution prevention, recycling and processing of hazardous materials, new recycling and processing methods, and new policy approaches. Other recycling topics that are not related to e-waste may be addressed, upon mutual agreement, through study tours or other exchanges.
- Activities involved in sustaining the network include: updating and further delivery of the workshop and related materials piloted in October 2012 in Taipei. This program for environmental professionals was developed jointly by EPAT and EPA under Implementing Arrangement 9 with the goal of replication.
- Other activities may include: establishment and maintenance of an online platform to facilitate information sharing among network members; organization of quarterly teleconferences, annual meetings, consultations and/or capacitybuilding activities in other territories

2014

- EPA, AIT's designated representative and EPAT, TECRO's designated representative, plan to sustain regional program initiated under Implementing Arrangement 9 which may include tasks listed above.
- Updating and further delivery of the workshop and related materials developed under Implementing Arrangement 9. This program for environmental professionals was developed jointly by EPAT and EPA under Implementing Arrangement 9 with the goal of replication.

- EPA, AIT's designated representative and EPAT, TECRO's designated representative, plan to sustain regional program initiated under Implementing Arrangement 9.
- Updating and further delivery of the workshop and related materials developed under Implementing Arrangement 9. This program for environmental professionals was developed jointly by EPAT and EPA under Implementing Arrangement 9 with the goal of replication.

Measuring long-term results and relevant environmental information

- EPAT plans to survey and report on how the information from these workshops is used including any changes or adjustments made as a result of the project.
- Relevant environmental information may include the following: increase in the amount of safely managed e-waste, decrease in the amount of improperly discarded e-waste in the region, increase in the number of recycling facilities that meet standards or certifications for environmental and health protection, increase in the number of audits of licensed facilities, increase in enforcement actions, or increase in the amount of informal sector recyclers who are engaged in environmentally sound WEEE management.
- EPAT Office of Sustainable Development plans to coordinate with relevant bureaus to identify and report on these outcomes.

Activity 4 IA10-4 Environmental La	
Activity 4 IA10-4 Environmental La	w Compliance and Enforcement

Project Description & Objective

Protecting air, water, natural resources, wildlife and public health are the goals of environmental laws. The authorities have to select and apply their own achievable, applicable, and effective compliance and enforcement programs to ensure that the regulated community meets the requirements put forth in the environmental regulations. AIT and TECRO's designated representatives, EPA and EPAT, plan to engage regional partners to share experiences on compliance and enforcement of environmental laws, including but not limited to inspection and incentive tools applied in the management of water, air, pesticides, toxic chemicals, soil as well as land development.

The purpose of this activity is to increase regional capacity for environmental enforcement and compliance assurance.

Activities

- TECRO's designated representative, EPAT, consults with AIT's designated representative, EPA, to explore opportunities to participate in regional enforcement and compliance networks so that EPAT is better positioned to collect information from those forums and share experience where there are opportunities.
- Engagements in 2013 under this activity may include training or consultation on at least two of the topics listed below. Once the topics are determined, EPA's Office of International & Tribal Affairs and EPAT's Office of Sustainable Development will coordinate either hosting or arranging visits of delegations in the territory of the authorities represented by AIT. AIT's designated

representative, EPA, may dispatch agency experts and/or implementing partners to provide training and conduct consultations on any of these topics: enforcement priority-setting and targeting; inspection (such as formulation of environmental inspection plans and inspectors training); penalties and offset (such as frameworks for considering environmental harm and costs, BEN and other calculation models, and penalty offsets/Supplemental Environmental Projects (SEP)); injunctive relief (such as approaches to improving future performance and addressing/mitigating environmental impacts via the violator or third party);compliance monitoring and tracking; public participation (such as citizen involvement in the enforcement process and partnering with environmental NGOs to perform environmental compensatory projects); performance measurements (such as using compliance and enforcement indicators for measuring performance of enforcement and compliance programs); and other agreed-upon topics.

• EPA, AIT's designated representative, and TECRO's designated representative, EPAT, may host an inspection training course that may include regional partners.

2014

- Engagements in 2014 under this activity, which will focus on strengthening and expanding the training and regional networking accomplishments of 2013, may include advanced or joint EPA/EPAT training on topics taught in 2013, new training on topics from the above list or other agreed-on topics, and hosting regional partners in one or more of the training courses.
- EPA's Office of International & Tribal Affairs and EPAT's Office of Sustainable Development plan to coordinate either hosting or arranging visits of delegations in the territory of the authorities represented by AIT. AIT's designated representative, EPA, may dispatch agency experts and/or implementing partners to provide training and conduct consultations on any of these topics.

2015

- AIT's designated representative, EPA, may dispatch agency experts and/or implementing partners to provide follow-up training and consultations on any of topics that were not addressed in 2013 and 2014.
- EPA, AIT's designated representative, and TECRO's designated representative, EPAT, may host training for regional partners on an agreed-upon topic.

Measuring long-term results and relevant environmental information

- EPAT plans to survey and report on how the information from these workshops is used, including any changes or adjustments made as a result of the project.
- Relevant environmental information encompasses the following: number of trainers trained with training modules on this topic developed by EPAT.
- EPAT Office of Sustainable Development plans to coordinate with relevant bureaus to identify and report on these outcomes.

Activity 5	IA10-5	Climate Change & Adaptation

Project Description & Objective

The purpose of this activity is to assist implementing partners in the territories of the authorities represented by AIT and TECRO exchange best practices in addressing climate change. Many agencies in the Asia-Pacific region are facing challenges related to climate change but lack the capacity and expertise to address these issues. Key activities in the field include: disaster mitigation strategies; emergency response during extreme weather events; and adaptation to changing sea levels.

This activity is intended to strengthen the EPA-EPAT partnership by complementing existing activities aimed at climate change mitigation with supplemental activities aimed at climate change adaptation.

Leading technical and scientific knowledge in this field can be found in academia, municipalities, non-profit organizations and elsewhere. Where appropriate, program managers may recommend and designate qualified experts or agencies to conduct consultations and/or training in the territories of the authorities represented by TECRO, AIT, or elsewhere in the region when the two designated representatives, EPA and EPAT, agree that the program would benefit from such expertise.

2013

- EPA and EPAT intend to hold consultations with implementing partners in the territories of the authorities represented by the Parties to inventory best practices in the field of climate change and adaptation.
- Such consultations can address the challenges related to climate change such as scenarios, vulnerability assessment, and adaptation planning on environmental programs and disaster mitigation.

2014, 2015

• Continued consultations with implementing partners in the territories of the authorities represented by the Parties to inventory best practices in the field of climate change and adaptation. The agencies collaborate to establish a platform for the exchange reports, inventories, and research in this field. Results may also be shared in one or more regional meetings hosted in the territories of the authorities represented by TECRO, AIT or other locations.

Measuring long-term results and identifying relevant environmental information

- EPAT will create the online platform for EPAT and EPA to share each reports, methods, tools or approaches introduced through this activity.
- EPAT Office of Sustainable Development will coordinate with relevant bureaus and partner agencies to identify these outcomes.

	{		
Activity 6	IA10-6	Environmental Education	

Project Description & Purpose

Environmental education increases public awareness and knowledge about environmental issues or problems. In doing so, it provides the public with the necessary skills to make informed decisions and take responsible action. A primary desired outcome of environmental education programs is environmental literacy. Enhanced environmental literacy in North America and the Asia-Pacific region support the shared goals to protect

human and children's health. These are shared priorities of EPA and EPAT, AIT and TECRO's respective designated representatives.

EPA, AIT's designated representative and EPAT, TECRO's designated representative, have worked with implementing partners such as Sustainable Jersey and National Wildlife Federation Eco-Schools USA to foster community-level collaboration on environmental education. Improved environmental literacy in North America and the Asia Pacific region shall lead to greater respect for the environment and help protect human health. EPA and EPAT plan to carry out this activity in partnership with designated implementing partners in North America and the Asia-Pacific.

Leading technical and scientific knowledge in this field can be found in academia, municipalities, non-profit organizations and elsewhere. Where appropriate program managers may recommend and designate qualified experts or agencies to conduct consultations and/or training in the territories of the authorities represented by TECRO, AIT, or elsewhere in the region when the two designated representatives, EPA and EPAT, agree that the program would benefit from such expertise.

This activity also permits travel for consultations aimed at replicating environmental education capacity or successful approaches in areas outside of the territories of the authorities represented by AIT and TECRO where appropriate.

2013

- EPA and EPAT intend to hold consultations with implementing partners in the territories of the authorities represented by the Parties to inventory best practices in the fields of environmental education. These consultations will build upon environmental education initiatives initiated under Implementing Arrangement 9 Activity 7.
- EPA OITA shall identify federal or non-federal experts to provide information in priority fields related to environmental education for consultations and/or conferences. Areas for consultation may include but are not limited to: local climate action plans and certification programs. Expert exchanges may take the form of video conference calls or in-person meetings in either the territories of the authorities represented by AIT or TECRO.
- Consultations conducted with Eco-Schools USA regarding expansion of pilotsustainable schools program. The agencies commission a feasibility study on ecoschools partnership program carried out by Eco-Schools USA. Agencies plan to develop school partnership program plan based on that study.

2014, 2015

- Continued consultations with implementing partners in the territories of the authorities represented by the Parties to inventory best practices in the fields of environmental information. Consultations may take place via video conference call or in-person meetings in either the territories of the authorities represented by AIT or TECRO.
- EPA OITA shall identify federal or non-federal experts to provide information in priority fields related to environmental education for consultations and/or conferences. Areas for consultation may include but are not limited to: local climate action plans and certification programs. Expert exchanges may take the

form of video conference calls or in-person meetings in either the territories of the authorities represented by AIT or TECRO.

• Continued consultations and implementation of activities in partnership with Eco-Schools USA regarding expansion of pilot-sustainable schools program, if feasible. Eco-Schools sister-schools program may be expanded in the territories of the authorities represented by TECRO and AIT through a contract or other financial vehicle.

Measuring long-term results and identifying relevant environmental information

- EPAT will report on how information from these activities is used, including any changes or adjustments made in approaches for implementing new methods or approaches introduced through this activity.
- Relevant environmental information encompasses the following for the EPAT and partner agencies: capacity of EPAT and partners agencies to develop templates and tools that can be applied by agencies in the region, the number of educators trained through this program, and number of certified schools that result from these efforts in both the territories of the authorities represented by the Parties.
- EPAT Office of Sustainable Development will coordinate with relevant bureaus and partner agencies to identify these outcomes.

Activity 7	IA10-7	Program Management

Project Description & Objective

This activity provides for EPA management of the implementing arrangement (including salaries), oversight and implementation, annual review of activites and progress, and biennial program review.

Activities

• EPA plans to host biennial high-level meeting to review scope, objectives, and progess of collaboration under the 1993 agreement.

- AIT and TECRO's designated representatives, EPA and EPAT, plan to hold annual program review in the fall to set timelines for subsequent activities, review progress, determine budget and plans. Intermediate consultations as needed may also occur in relation to implementation of various activities under this agreement.
- Program managers shall coordinate with EPAT and other partners to sustain regional programs initiated under Implementing Arrangement 9 including the Regional Working Group on Environmental Information, sustainable ports working group, and the Asia-Pacific Mercury Monitoring Partnership which was established in cooperation with National Atmospheric Deposition Program, and the Global E-waste Management network. Exploratory, scoping, and expansion of new and existing partnership shall also be driven under this activity and may involve travel outside of the territories of the authorities represented by AIT and TECRO. The purpose of such travel shall be to expand, promote, or replicate successful initiatives under this or previous arrangements.

- EPA program managers also plan to coordinate with technical offices at EPA and EPAT to implement performance measures under each activity. Experts shall be designated to assist in this process of performance measures implementation.
- 2014
- AIT and TECRO's designated representatives, EPA and EPAT, plan to hold annual program review to set timelines for subsequent activities, review progress, determine budget and plans in the fall. Intermediate consultations as needed may also occur in relation to implementation of various activities under this agreement.
- Program managers shall coordinate with EPAT and other partners to sustain regional programs initiated under Implementing Arrangement 9 including the Regional Working Group on Environmental Information, sustainable ports working group, and the Asia-Pacific Mercury Monitoring Partnership which was established in cooperation with National Atmospheric Deposition Program, and the Global E-waste Management network. Exploratory, scoping, and expansion of new and existing partnership shall also be driven under this activity and may involve travel outside of the territories of the authorities represented by AIT and TECRO. The purpose of such travel shall be to expand, promote, or replicate successful initiatives under this or previous arrangements.
- EPA program managers also plan to coordinate with technical offices at EPA and EPAT to implement performance measures under each activity. Experts shall be designated to assist in this process of performance measures implementation.

2015

- EPAT plans to host biennial high-level meeting to review scope, objective, and progess of collaboration under the agreement.
- AIT and TECRO's designated representatives, EPA and EPAT, plan to hold annual program review to set timelines for subsequent activities, review progress, determine budget and plans. Intermediate consultations as needed may also occur in relation to implementation of various activities under this agreement.
- Program managers shall coordinate with EPAT and other partners to sustain regional programs initiated under Implementing Arrangement 9 including the Regional Working Group on Environmental Information, sustainable ports working group, and the Asia-Pacific Mercury Monitoring Partnership which was established in cooperation with National Atmospheric Deposition Program, and the Global E-waste Management network. Exploratory, scoping, and expansion of new and existing partnership shall also be driven under this activity and may involve travel outside of the territories of the authorities represented by AIT and TECRO. The purpose of such travel shall be to expand, promote, or replicate successful initiatives under this or previous arrangements.
- EPA program managers also plan to coordinate with technical offices at EPA and EPAT to implement performance measures under each activity. Experts shall be designated to assist in this process of performance measures implementation.

Salaries for program management

AIT and TECRO's designated representatives, EPA and EPAT, agree to use funds under the agreement for salaries at a level of one full time employee (FTE) for the purpose of managing activities under this agreement. The funding level is set at \$130,000 annually or a level agreed to by AIT and TECRO's designated representatives, EPA and EPAT. AIT and TECRO's designated representatives, EPA and EPAT plan to continue using funds under this agreement for travel of EPA OITA Implementing Arrangment 10 program management staff or experts to third party entities or territories outside of the territories represented by AIT and TECRO. This travel may facilitate the promotion or replication of one or more of the activities under this or previous arrangements or be intended for the delivery of activities in the work plan or designated by the scope of work in this agreement as an area of regional collaboation. This travel is in addition to travel within the territories of the authorities represented by AIT and TECRO for activities under the workplan. AIT and TECRO's representatives, EPA and EPAT, plan ot use funds under this arrangement for both types of travel.

Implementing Arrangement 10 Budget (USD)

Activity	2014 funding	2015 funding
Site Remediation (IA10-1)	\$33,000	\$33,000
Air quality protection, Green House Gas Emissions Mitigation and Enhanced Sustainability (IA10-2)	\$165,000	\$165,000
E-waste Prevention, Management and Recycling (IA10-3)	\$33,000	\$33,000
Environmental Law Compliance and Enforcement (IA10-4)	\$33,000	\$33,000
Climate Change & Adaptation (IA10-5)	\$33,000	\$33,000
Environmental Education (IA10-6)	\$33,000	\$33,000
Program Management (IA10-7)	\$33,000	\$33,000
Total	\$363,000*	\$363,000*

Estimated Implementing Arrangement 10 Breakdown of costs to EPA						
Activity Name		2014 costs	2015 costs			
Implementation of Activities 1 to 7		-\$233,000	-\$233,000			
Program Management		-\$130,000	-\$130,000			
	Total	-\$363,000	-\$363,000			

Estimated Residual Funds returned to		
EPAT/TECRO:	USD 0	USD 0

* funding levels can be adjusted based on mutual agreement and evolving workplans

AGREEMENT OF THE ENVIRONMENTAL PROTECTION AGENCY OF THE UNITED STATES OF AMERICA TO ASSUME THE RESPONSIBILITIES AS THE DESIGNATED REPRESENTATIVE OF THE AMERICAN INSTITUTE IN TAIWAN UNDER IMPLEMENTING ARRANGMENT #10 TO THE AGREEMENT BETWEEN THE AMERICAN INSTITUTE IN TAIWAN AND THE TAIPEI ECONOMIC AND CULTURAL REPRESENTATIVE OFFICE IN THE UNITED STATES FOR TECHNICAL COOPERATION IN THE FIELD OF ENVIRONMENTAL PROTECTION

The Environmental Protection Agency of the United States of America (EPA agrees to perform the duties as the Designated Representative for the American Institute in Taiwan (AIT) under Implementing Arrangement #10 to the Agreement Between the American Institute in Taiwan and the Taipei Economic and Cultural Representative Office in the United States for Technical Cooperation in the Fields of Environmental Protection

AIT shall transfer funds (in US dollars) received from TECRO under Article VI of Implementing Arrangement #10 to EPA prior to the commencement of activities by EPA as AIT's designated representative during each of the fiscal years for which Implementing Arrangement #10 is in force. These funds shall be used by EPA to defray the costs that it incurs in implementing, as AIT's designated representative, the tasks that are described in Attachment 1 to Implementing Arrangement #10. Upon receipt of funds from AIT, EPA shall commence such tasks acting as AIT's designated representative.

EPA shall return to AIT any funds received by EPA from AIT that remain at the end of the term of Implementing Arrangement #10 unless EPA, and EPAT acting as TECRO's designated representative, request remaining funds be reprogrammed for activities in subsequent Implementing Arrangements. Program management and planning activities regarding future proposed Implementing Arrangements may continue before such a future Implementing Arrangement is finalized.

EPA is responsible for reporting on an annual basis or at the end of the term of the Implementing Arrangement on EPA's use of funds provided by TECRO and received from AIT pursuant to the Implementing Arrangement. AIT will provide this report to TECRO upon request. AIT maintains no other oversight responsibility related to EPA's use of money provided under this Implementing Arrangement.

Signed at Washington, D.C. $\underline{16^{th}}$ day of $\underline{5uly}$, 2013.

FOR THE ENVIRONMENTAL PROTECTION AGENCY OF THE UNITED STATES OF AMERICA FOR THE AMERICAN INSTITUTE IN TAIWAN

Mobelan

Michelle J. DePass Assistant Administrator Office of International & Tribal Affairs

Dan J. Sch

Barbara J. Schrage Managing Director