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ENERGY AND CLEAN AIR PROJECT
SECOND ANNUAL REPORT
(OCTOBER 2005 - SEPTEMBER 2006)



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The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development (USAID) of the United States Government



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LIST OF ACRONYMS

AdDU	Ateneo de Davao University
ADB-CAI	Asian Development Bank – Clean Air Initiative
AED	Academy for Educational Development
AMMA	Association of Metro Manila Anti-smoke Belching Units
AMORE	Alliance for Off-Grid Renewable Energy
ANEC	Affiliated Non-conventional Energy Center
ASB	Anti-Smoke Belching
ASBU	Anti-Smoke Belching Unit
ASEAN	Association of Southeast Asian Nations
ASG	Ateneo School of Government
BBKTF	Baguio Bantay Kalinisan Task Force
BRT	Bus Rapid Transit
CAA	Clean Air Act
CAAP	Clean Air Action Plan
CAEA	Center for Environmental Awareness and Education
CAPEX	Capital Expenditure
CAYA	Clean Air Youth Alliance
CBRED	Capacity Building to Remove Barriers to Renewable Energy Development
CENRO	City Environment and Natural Resources Office
CEPALCO	Cagayan Electric Light and Power Company
CFC	Couples for Christ
CITOM	Cebu City Traffic Operations Management
CITRASCO	Cebu City Transport Services Cooperative
CLEP	Continuing Local Legislative Education Program
COA	Commission on Audit
C&O	Communication and Outreach
CRAVE	Champions for Reduction of Air Pollution from Vehicle Emissions
CREED	Coalition of Renewable Energy for Economic Development
CRV	Customized Road Vehicle
CSB	College of St. Benilde
CSR	Corporate Social Responsibility
CWD	Consumer Welfare Desk
CWDP	Consumer Welfare Development Program
DENR	Department of Environment and Natural Resources
DILG	Department of Interior and Local Government
DLSU	De La Salle University
DOE	Department of Energy
DOJ	Department of Justice
DOST	Department of Science and Technology
DOTC	Department of Transportation and Communications
DPRDDI	Davao Province Rural Development Institute
DPWH	Department of Public Works and Highways
DTI	Department of Trade and Industry
DUs	Distribution Utilities
DWRG	Distribution Wheeling Rates Guidelines
ECADEME-BB	Energy and Clean Air Network of Academic Institutions- Baguio and Benguet
ECAP	Energy and Clean Air Project
EE/C	Energy Efficiency and Conservation
EETP	Energy Environment Training Program



EMB	Environmental Management Bureau
EPIMB	Electric Power Industry Management Bureau
EPIRA	Electric Power Industry Reform Act
EPPB	Energy Planning and Policy Bureau
ER 1-94	Energy Regulation 1-94
ER	Expected Result
ERC	Energy Regulatory Commission
ERDB	Energy Resource Development Bureau
ERDA	Educational Research and Development AssistanceTech Foundation, Inc.
ERTLS	Energy Research and Testing Laboratory Services
FEJODAP	Federation of Jeepney Operators and Drivers Associations of the Philippines
FEU	Far Eastern University
FGD	Focus Group Discussion
GRP	Government of the Republic of the Philippines
HLCP	High-level Consultative Panel
IBP	Integrated Bar of the Philippines
ICB	Institutional Capacity Building
IIEE	Institute of Integrated Electrical Engineers
IPFI	Infinite Progressions Foundation, Inc.
IPO	Investment Promotions Office
IPP	Independent Power Producers
JICA	Japan International Cooperation Agency
LCF	League of Corporate Foundations
LCP	League of Cities of the Philippines
LCP	Lung Center of the Philippines
LFA	Logical Framework Approach
LGC	Local Government Code
LGU	Local Government Unit
LTFRB	Land transportation Franchising and Regulatory Board
LTO	Land Transportation Office
LVGP	League of Vice-Governors of the Philippines
MERALCO	Manila Electric Railroad and Light Company
MMDA	Metro Manila Development Authority
MMASBA	Metro Manila Anti-Smoke Belching Association
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MVIS	Motor Vehicle Inspection System
NASA	National Aeronautics and Space Administration
NAECTAF	National Anti- Environmental Crime Task Force
NCR	National Capital Region
NCTS	National Center for Transport Studies
NEA	National Electrification Administration
NEDA	National Economic and Development Authority
NEECP	National Energy Efficiency and Conservation Program
NEMS	National Electricity Market of Singapore
NGO	Natural Gas Office
NGO	Non-Governmental Organizations
NPC	National Power Corporation
OD	Organizational Development
OEE	Office of Energy and Environment (of USAID)
OFWs	Overseas Filipino Workers
OIMB	Oil Industry Management Bureau
PAO	Project Area Office

PAPPI	Philippine Association of Pediatric Pulmunologists, Inc.
PATLEPAM	Philippine Association of Tertiary Level Educational Institutions in Environmental Protection and Management
PBR	Performance-based Ratemaking
PEP	Philippine Energy Plan
PES	Philippine Economic Society
PCCI	Philippine Chamber of Commerce and Industry
PCCMP	Philippine Climate Change Mitigation Program
PCL	Philippine Councilors League
PDI	Policy Development and Implementation
PELMATP	Philippine Efficient Lighting Market Transformation Project
PEMC	Philippine Electricity Market Corporation
PEP	Philippine Energy Plan
PETC	Private Emission Testing Center
PHA	Philippine Heart Association
PHC	Philippine Heart Center
PHILRECA	Philippine Rural Electric Cooperatives Association
PICHE	Private – Philippine Institute of Chemical Engineers
PM	Preventive Maintenance
PNP	Philippine National Police
PT	Power Tracker
PUV	Public Utility Vehicle
RE	Renewable Energy
REAMD	Rural Electrification Administration and Management Division
RTD	Roundtable Discussion
SD	Service Director
SEDP	Sustainable Energy Development Program
SO4	Strategic Objective No. 4
SWOT	Strengths, Weaknesses, Opportunities, and Threats
TA	Technical Assistance
TESDA	Technical Education and Skills Development Authority
TOR	Terms of Reference
TOU	Time-of-Use
TransCo	National Transmission Corporation
TWG	Technical Working Group
UAP	University of Asia and the Paific
UC	University of the Cordilleras
UNDP	United Nations Development Programme
UP	University of the Philippines
UPNEC	UP National Engineering Center
USAEP	United States-Asia Environmental Partnership
USAID	United States Agency for International Development
USC	University of San Carlos
VUDTRASCO	Visayas United Drivers and Transport Services Cooperative
WESM	Wholesale Electricity Spot Market
WWF	World Wildlife Fund
YFC	Youth for Christ



EXECUTIVE SUMMARY

Overall Progress. The second chapter, Fiscal Year 2006, of the Energy & Clean Air Project's story (ECAP) ends with significant contributions towards achieving the government of the republic of the Philippines's goals of *improving the supply of affordable, reliable, and cleaner energy* and *reducing vehicle emissions*. In its second year, the Project made notable headway in terms of delivering the major technical assistance (TA) activities that were designed and developed in 2005 to achieve the project's expected results for both the energy and clean air components.

As was in the previous year, ECAP's story was in essence a story of its **partners**. It was an account of how the Project's beneficiaries grew and developed to become stronger policy-makers, implementers, and advocates. ECAP and its partners were able to bypass implementation hurdles and limitations through effective counterparting, sharing of resources and experiences, and by remaining committed to sector goals. For the Department of Energy (DOE) and the Energy Regulatory Commission (ERC), 2006 marked the second stage of the growth curve for developing and implementing strategic plans which is a crucial element for *strengthening their respective institutional competencies* in formulating and implementing energy reforms. For the stakeholders of the Clean Air Act (CAA), 2006 unfolded with a shift from technical assistance for policy and action plan development activities to TA for building the capacities of government agencies involved in implementing the Act *in enforcement and compliance*.

Component Highlights. Accomplishments in both the energy and clean air components of ECAP were achieved through a strategic TA-mix to carry-out the tasks of *strengthening sector governance, improving policy frameworks, and increasing public understanding and support*.

Under the energy component, year 2006 was witness to the evolution of the Consumer Welfare Development (CWD) Program into an institutionalized mechanism for establishing quality customer service in the power sector. The Philippine power sector now boasts of fifteen (15) qualified trainers providing their services to distribution utilities (DUs) nationwide.

In the government side, the ERC continues to improve in the area of organizational development as it has started to implement and diligently monitor its own strategic plan. The DOE has proactively engaged itself in capacity-building activities to improve the following: implementation of ER 1-94 or Benefits to Host Communities and preparation of the Philippine Energy Plan (PEP). In 2006, a total of 37 individuals, who are members of the PEP-TWG took a step towards strengthening the energy planning process as they graduated from a 5-day training course on the Logical Framework Approach (LFA). The local government units (LGUs) also proved to be very powerful partners of ECAP in carrying out energy reforms. The LGUs in Quezon City, Cebu, Davao, and Baguio stepped up and welcomed the initiatives of the Project in promoting RE and EE/C.



ECAP not only reached out to its beneficiary clients from the government but to fellow donors and to the private sector as well. The potential for donor collaboration was explored in two (2) study tours to the United States on renewable energy (RE) development and energy efficiency and conservation (EE/C) that the Project co-organized with the United Nations Development Programme (UNDP) Capacity-building for Removing Barriers to Renewable Energy Development (CBRED) and Philippine Efficient Lighting and Market Transformation Project (PELMATP). Similarly, the private sector organizations i.e. PCCI, IIEE, and PES have been very actively partnering with the DOE for communication efforts.

In implementing the clean air component, ECAP shifted gears and made aggressive pursuit of activities that will ensure *enforcement and compliance* in response to the evidently increasing emissions coming from diesel-fed motor vehicles. For this endeavor, LGUs in Baguio, Cebu, and Davao remained ECAP's strong partners. They are seen as as the potential driving force for sustaining anti-smoke belching efforts after the life of the Project either through the enforcement of local ordinances or actual apprehension using the skills and equipment provided by ECAP.

Through ECAP's help, DOTC now holds a *National Transport Action Plan* and a study on the future role of Private Emission Testing Centers (PETC). These documents will aid CAA-implementing agencies in strengthening the country's motor vehicle inspection and maintenance system (MVIS).

ECAP cannot overemphasize the need to continually build the capacity of GRP agencies in implementing the CAA. For this year, ECAP has provided a less costly option to drivers and operators of diesel-fueled vehicles by conducting trainings on preventive maintenance (PM).

At the heart of the clean air component is communication. ECAP held IEC campaigns, RTDs, and forums and employed its most potent tool, *partnership* to increase awareness and encourage public support. It partnered with Chemrez, the largest producer of coco bio-diesel in Asia in organizing the Clean Air Caravan to promote clean fuels and its promised benefits. Youth remains an ally and ECAP is ever stronger in advocating for clean air through the Clean Air Youth Alliance (CAYA). ECAP also teamed up the League of Corporate Foundations (LCF) for its clean air advocacy. Nestle Philippines, which is a member of LCF, rose to the occasion in 2006 when it initiated efforts in its own "backyard." Nestle encouraged its employees to practice preventive maintenance and to use clean fuels.

Implementation Challenges. While notable milestones in the energy and clean air component have been achieved in 2006, ECAP's primary concern is in ensuring the *sustainability* of the Project's initiatives. More specifically, the fundamental challenge that ECAP has encountered in the delivery of TA is the difficulty in creating mechanisms and structures that will promote the absorption and retention of the technology being transferred and that will provide the environment for sustained implementation of the reform initiatives. This overall implementation challenge is intensified by each of the energy and clean air component's share of challenges. ECAP looks at these challenges as opportunities to improve its delivery of TA.



Year 2006 was characterized by major *changes* in the energy sector. Organizational transitions in partner agencies lead to shifts in direction and priorities, and eventually, in TA needs. These “shifts” were also caused by changes in the Government’s thrust, which required the Project to continuously realign and adjust its plans to ensure timely and appropriate responses to their needs. The challenges that the energy component faced is that of how to regain momentum as it navigated through major transitions and developments.

The barriers to implementation of the clean air component were more focused and activity-specific. For the year, the team faced the need to strengthen the appreciation of partner GRP agencies on an ideal approach to MVIS development and implementation. This was also hampered by delays in the process of approving standards for tricycles and in-use vehicles. The strategy geared towards anti-smoke belching (ASB) of vehicles was confronted with the need for legal support for enforcement activities. The Air Quality Management Fund (AQMF) which, for the past years, has been eyed to provide additional resources for activities that would clean the air, still remains inaccessible. ECAP is continuing to seek for solutions that would either assist LGUs access the AQMF or provide them with options resources for their ASB initiatives.

In strengthening public transport sector’s capacity to comply with the CAA, the challenge is in assisting the drivers seek microfinance partners, creating policy directives on the production of alternative fuels, and increasing collaboration with the SEDP to maximize resources. ECAP also needed to improve its role of facilitating and strengthening partnerships between the public and private sectors, an to effect a paradigm shift to the drivers and operators who view air quality improvement both as an ambitious goal and an expensive endeavor.

For both the energy and clean air components, ECAP still strives to increase the institutional capacity to absorb and to provide quality TA despite limited financial resources.

Prospects for 2007. ECAP’s main approach for the year is to build on its current initiatives and the small successes achieved as it slowly moves towards the convergence of both the energy and clean air components.

For 2007, ECAP will be supporting the DOE develop the Implementing Rules and Regulations (IRR) of the Biofuels Act of 2006. TA for the conduct of the public consultations on the IRR of the Act will be provided to the DOE complemented by communication efforts to raise awareness and understanding of the provisions.

To continue with its strategy to strengthen energy sector capacity, ECAP shall pursue the technical trainings for DUs, support ERC and DOE planning initiatives, and provide capability building tools, in the form of Power Tracker and an institutional development index. In promoting indigenous energy sources, ECAP shall work with LGUs in pursuing local policies on RE and EE/C. On EE/C promotion, ECAP shall aim for the establishment of EE/C coalitions and the promotion of EE/C to large electricity consumers. Finally for strategy 4, “Communicating Energy Reforms,” ECAP shall continue to facilitate the



expansion and deepening of DOE's partnerships with the IIEE and the PCCI, and ERC's emerging partnerships with AIM and ASG.

For strategy 1 of the clean air component, ECAP plans to continue its TA support to DOTC and LTO to push and sustain its interests of the government to put in place a credible and operational MVIS. ECAP's support shall focus the conduct of public consultation to prepare transport sectors to comply MVIS requirements and stakeholders to support the full implementation of MVIS as well the promotion of Bus Rapid Transit (BRT), a clean transport technology options for the government to consider. Under strategy 2, ECAP shall continue to support clean air partner government units at the local level in pursuing the passage of their local ordinances to aid the LGUs in setting an enabling environment for their strong for a sustained efforts in apprehending vehicle smoke belchers. In moving forward strategy 3, ECAP shall pursue more programs geared towards the public utility transport sector intended to capacitate drivers and operators in the area of preventive maintenance and inspection and the use of cleaner/alternative fuels. To continuously strengthen partnerships, ECAP shall actively pursue a clean air campaign with its sector partners both from the public and private sectors. Mainstreaming air quality forecasts in daily news to increase breadth and depth of awareness of the general public shall also be explored. ECAP shall also produce IEC materials and collaterals (i.e. brochures, folders, audio-visual presentations and website development) to strengthen the advocacy for cleaner air. Awareness campaigns for the public utility transport sector will be intensified in year 3.

Success Stories. As its energy success story, ECAP features the ripple effect produced by its Consumer Welfare Development Program, jointly pursued with the Energy Regulatory Commission (ERC) and PHILRECA. Through the help of fifteen (15) dynamic trainers who were trained under the TEACH Trainers' Training, good customer service skills are spreading throughout the entire population of consumer welfare desk (CWD) officers or the frontline officers of 140 distribution utilities (DUs) nationwide.

Clean air success story boasts of the spirit of bayanihan, a unique Filipino tradition, reflected in the initiatives of MMASBA. With a noble vision and a steadfast commitment to cleaning the air, the MMASBA brings together 17 municipalities to restore the breath of life. The creation of MMASBA formerly known as the "Association of Metro Manila Anti-Smoke Belching Units (AMMA)" was an off-shoot of the USAID-funded Training Workshop on 'Improving the DENR's ASB Program in NCR' last May 3-4, 2005, in Tagaytay Haven, Tagaytay City. From then on, the MMASBA initiated their own initiatives and sought registration with the Security and Exchange Commission (SEC).



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I. PROJECT DESCRIPTION

The **Energy & Clean Air Project (ECAP)** is a 4-year technical assistance (TA) project of the US Agency for International Development (USAID) that started in October 2004. Its main government counterparts are the Philippine Department of Energy (DOE) and the Department of Environment and Natural Resources (DENR). PA Consulting Group is the primary contractor of USAID Manila's Office of Energy and Environment (OEE). USAID's other key government partners in the ECAP are the Energy Regulatory Commission (ERC), Department of Environment and Natural Resources (DENR), Department of Transportation and Communication (DOTC), and the Department of Trade and Industry (DTI).

The ECAP is USAID's response to the Philippines' need for sustainable energy development and improved environmental performance. The project designs, implements, and monitors TA activities with USAID's Strategic Objective NO. 4 (SO4), *Management of Productive, Life-Sustaining Natural Resources Strengthened*, as the overall guiding framework. It seeks to address challenges facing two (2) parallel and complementary components: **energy** and **clean air**.

For both components, the ECAP will pursue a comprehensive approach to achieve its objectives. It will seek to:

- **Strengthen Sector Governance.** The ECAP team shall ensure that good governance is exercised in the energy and transport sectors. It shall endeavor to instill good governance practices as a clear and direct means towards being responsive, responsible, and efficient government agencies that provides and meets the social and environmental needs of the country.
- **Improve Policy Frameworks.** The ECAP team is committed to assist its GRP partners in ensuring that the energy and transport sectors are guided by policy frameworks that are sound, effective, and focused on achieving results for the good of all their stakeholders.
- **Increase Public Understanding and Support.** The ECAP team shall facilitate coalition-building and formation of public-private partnerships to increase the involvement of stakeholders in the implementing sector reforms. By providing them with venues to actively participate and bring in their own expertise in the energy and transport sectors, the ECAP team hopes to inculcate ownership of the results of the reform process among the stakeholders.

These three (3) tasks will be implemented through strategic combinations of three (3) types of TA activities: **policy development and implementation (PDI)**, **institutional capacity building (ICB)**, and **communication and outreach (C&O)**.

The ECAP's TA is expected to deliver the following expected results, by the end of the project's life:

Energy Component	Clean Air Component
<ol style="list-style-type: none"> 1. Strategic plans of energy agencies developed and implemented; 2. Key energy policies formulated to promote privatization of generation and transmission assets; 3. Access to indigenous energy resources increased by at least 15% from 2003 levels; 4. At least one (1) coalition with academic, research, and NGOs established in Luzon, Visayas, and Mindanao; and 5. An energy information database developed. 	<ol style="list-style-type: none"> 1. No. of diesel-powered vehicles compliant with emission standards prior to registration increased by 80% in four (4) project sites; 2. Level of PM10 contribution from mobile sources reduced by 30% 3. Cleaner vehicle fuels used by national government agencies, 50 top corporation fleets, and at least 50% of public vehicles in project sites 4. At least 1 coalition with academic, research, & NGOs established in Luzon, Visayas, & Mindanao

In the process of delivering the project's expected results, ECAP's TA is anchored on meeting its strategic goals of improving the supply of cleaner, affordable, and reliable energy, and improving air quality. Thus, inherent in the project's interventions are efforts to 1) ensure that TA produces outputs and outcomes, and 2) transfer technologies and establish process that will sustain initiatives and efforts. These efforts are complemented by the ECAP's strategy to involve not only the GRP agencies and units but also academic and research institutions, non-government organizations, private and business sector, and other donors.

In the same manner, the ECAP builds on the successes and learns from the lessons of two (2) predecessor projects: *Philippines Climate Change Mitigation Program (PCCMP)* which ran from January 1998 to September 2002, and *Energy Environment Training Program (EETP)* from October 2002 to June 2004. It shall also support and complement ongoing USAID initiatives in the energy and environment sectors such as the *Alliance for Off-Grid Renewable Energy (AMORE) Project* and the *Sustainable Energy Development Program (SEDP)*.

II. OVERALL PROGRESS PER COMPONENT

Energy Component

ECAP's progress in 2006 can be described as the start of the peaking of the Project's technical assistance activities that were designed, developed and initiated in the first year. The year 2006 was spent on activities that primarily set the stage and laid the groundwork for the further development, and sustained implementation of major TAs for the energy sector. These activities included such activities as the technical assistance for planning to ERC, capacity building of DOE on planning, the Customer Welfare Development Program for distribution utilities, the development of *Compendium on Energy Regulatory Issuances*, and media capacity building. Notably, many of these TAs were designed to build capacity and improve critical skills needed in implementing the government's power reform program.

In pursuing the promotion of indigenous energy sources and energy efficiency, (ECAP's strategies 2 & 3, respectively), ECAP revisited its RE and EE/C work plan for 2006 in coordination with counterparts to redefine, refocus, and realign the activities based on changes in policies and plans of the DOE/GRP. And ECAP together with its counterparts in DOE plans to pursue its strategies 2 & 3 in 2007.

In communicating energy reforms (Strategy 4), ECAP supported various forums, workshops, and conferences, all aimed at increasing levels of stakeholder awareness, understanding, involvement, and active participation in the reform initiatives. Active participation was expected to be demonstrated and formalized through the formation of coalitions. ECAP's approach in the first two years has been to expand its reach and to broaden the stakeholder base. In its third and fourth year, ECAP will develop and conduct activities that will deepen the knowledge and understanding of partner stakeholders that are directly and actively involved in the reforms.

Expected Results	Strategies	Accomplishment/ Outcome
<p>1 Strategic plans developed and implemented to strengthen institutional and staff competency of DOE, ERC and other agencies involved in the energy sector to formulate and implement various energy reforms. An institutional development index will be developed to measure progress.</p>	<p>1 - Developing Energy Sector Competency</p> <p>Developing partnerships between government agencies and academia</p> <p>Focusing DOE/ERC efforts on developing the index instead of on the index itself</p>	<ul style="list-style-type: none"> ▪ DOE & ERC started conducting their own activities to develop their planning, management, and OD skills based on lessons learned through the ECAP supported trainings and workshops ▪ DUs started organizing and conducting training to improve their technical skills on customer service and policy analysis and policy implementation based on ECAP supported CWD trainings ▪ Technical skills of DUs assessed and knowledge increased through the regional energy consultative conferences ▪ DOE used and is using the Power Tracker as a technical tool to facilitate its efforts in implementing EPIRA.

Expected Results	Strategies	Accomplishment/ Outcome
		<ul style="list-style-type: none"> ▪ ERC is using the Compendium of rules and regulations ▪ Knowledge, awareness, and understanding of power reforms increased through forums and seminar-workshop
<p>2 Key energy policies formulated to promote privatization of transmission and generation assets; to increase use of natural gas, renewable energy and geothermal in augmenting power supply; and to correct deficiencies in the implementing rules and regulations of the EPIRA.</p>	<p>2 – Promoting Indigenous Energy Sources</p> <p>3- Promoting Energy Efficiency</p>	<ul style="list-style-type: none"> ▪ Policies relating to EPIRA implementation, ER 1-94, Biofuels, and natural gas assessed through expert advisory support ▪ DOE’s submissions to Congress of inputs for the amendments to EPIRA were strengthened. Policy Inputs for the Amendments to EPIRA were prepared and recommended to DOE. ▪ DOE’s policy framework and roadmap for the development of the NG industry was strengthened.
<p>3 Supply of indigenous cleaner sources (natural gas, geothermal and other renewable sources) increased by at least 15% for power generation to improve self sufficiency.</p>	<p>2 – Promoting Indigenous Energy Sources</p> <p>3- Promoting Energy Efficiency</p>	<ul style="list-style-type: none"> ▪ Partnerships with LGUs established to encourage ownership of and commitment on energy efficiency & conservation (EE/C) and RE projects ▪ Donors collaborated for joint implementation of activities such as support for broader stakeholder participation in RE and EE/C study tours ▪ Knowledge, awareness, and understanding of RE and EE/C increased through IEC activities and collateral materials
<p>4 At least two coalitions with academic, research and non-government organizations established in each major islands of Luzon, Visayas and Mindanao to ensure transparency and accountability in implementing reforms.</p>	<p>4- Communicating Energy Reforms</p>	<ul style="list-style-type: none"> ▪ DOE has collaborated with the private sector (IIEE) for the promotion of EPIRA ▪ ERC has collaborated with the academia for joint activities in strengthening institutional and staff competencies ▪ Media’s understanding on power reforms increased thru capacity building assistance ▪ ECADEME or Energy and Clean Air Network of Academia in Baguio was organized by faculty members of different universities in Baguio to promote reforms in the energy and clean

Expected Results	Strategies	Accomplishment/ Outcome
		air sector, <ul style="list-style-type: none"> ▪ Komet or Koalisyon ng Makakalikasang Enerhiya at Teknolohiya was formed by representatives from academia in Davao to promote RE ▪ PES participated in promoting power reforms and will enter into an MOU with the DOE

Clean Air Component

The implementation framework of ECAP’s Clean Air Technical Assistance in 2006 was designed based on well-defined priorities set by clean air stakeholders, resulted from the project’s strong groundwork of technical assistance in 2005. Unlike Year-1, wherein clean air strategies focused on setting policies and developing action agenda to build the capacity of the clean air partners at the national and local levels, ECAP’s approach for its Year-2 shifted to a more aggressive pursuit in implementing the necessary ‘*enforcement and compliance*’ activities in response to the evidently increasing emissions coming from diesel-fed motor vehicles.

To generate significant results in reducing emissions from motor vehicles, ECAP’s CA Year-2 implementation framework identified and adopted four (4) strategies, to wit: 1) Strengthen the Motor Vehicle Inspection & Maintenance System; 2) Strengthen local governance & improving the effectiveness of roadside apprehension of smoke belching vehicles; 3) Capacity-building for public utility transport sector to enable compliance with the CAA; and 4) Strengthen Public-Private Partnerships & Local Coalitions.

In pursuing Year-2 strategies 1 to 4, ECAP carried out TA-mix ranging from technical advise (RTDs, FGDs with foreign and local clean air experts), awareness raising campaigns (forums, consultation, booth exhibits, caravan shows, poster contests), capability building (trainings, cross-visits & seminars), and policy forums (TWGs & HLCP meetings).

Strategies 1 & 2 were directed at strengthening the government to develop stricter emission testing procedures, emission and motor vehicle standards and increase the political interests of CA policy making agencies to fully support the development and full implementation of the Motor Vehicle Inspection System nationwide. The first two (2) strategies were also expected to capacitate the local government units of Baguio, Cebu, Davao, and seventeen (17) cities in Metro Manila in implementing provisions in the Clean Air Act of 1999, which provide mandate for local executives to actively exercise its power to protect the health and environmental interests of its local constituents.

Strategies 3 and 4 were executed using TA combination from massive information campaign, coalition building at the local level to training support aimed at inculcating the transport groups, private and government transport units to practice engine quality assurance, regular use of clean fuels, as well as expanding support network to establish wide-mass of advocates for cleaner air in metro cities. While strategy 4 has specific

interventions, primarily centered to inform the public, educate the health impacts of air pollution based on gathered facts, and communicate success stories to widen support from clean air stakeholders, variation of IEC communication approaches were also conducted to support strategies 1, 2, and 3.

ECAP also convened the regular quarterly meetings of clean air Technical Working Groups (TWG on standard development for indigenous vehicles, standards development for tricycle emissions, and standards development for in-use vehicles) and policy advisory committee (HLAC) to bring together high level government clean air officials to discuss and resolve implementation issues like vehicle and emission standards, PETC, and LTO's interconnectivity plan, among others. Below is a matrix showing the activities undertaken by the project per strategy that will respond to specific expected results (ERs):

Expected Results	Strategies	Accomplishments															
<p>1</p> <p>No. of diesel-powered vehicles compliant with emission standards prior to registration increased by 80% in four (4) project sites</p>	<p>Strengthen the Motor Vehicle Inspection & Maintenance System</p>	<ul style="list-style-type: none"> The role of the PETC industry in the national motor vehicle inspection & maintenance system will be determined using the industry performance monitoring study report. The government has placed the MVIS development planning and implementation as major priority in improving DOTC and LTO's motor vehicle performance monitoring system effectively. The land transport agency is now guided by the set of priority activities identified in the medium-term development plan formulated. The government through the DENR has developed a proposed the enforcement of a stricter EURO II standards for In-use vehicles. The environment agency has now proposed for enforcement new standards for hydrocarbon and carbon monoxide for tricycle emissions. Development of standards for customized or indigenous road vehicles is now a priority activity of the DTI in preparation for the implementation of the MVIS. With the MVIS put in place, the government is set to improve its emission testing procedures to improve air quality in mega cities. 															
<p>2</p> <p>Level of PM10 contribution from mobile sources reduced by 30%</p>	<p>Strengthen local governance & improving the effectiveness of roadside apprehension of smoke belching vehicles</p>	<ul style="list-style-type: none"> Local governments in Cebu, Baguio, Davao, and Metro Manila have established partnerships with coalitions, task forces, and Anti-Smoke Belching Units like: Metro Manila Anti-Smoke Belching Association (MMASBA, formerly AMMA – Anti Smoke Belching Units of Metro Manila), Baguio Kalinisan Task Force, Cebu Linis Hangin Task Force, and Davao Linis Hangin Task Force. Local Councils in Cebu, Davao, and 6 Metro Manila LGUs have been aggressive in finalizing their proposed ASB Ordinances as their legal bases to create their own local ASB Units and enforce anti-smoke belching operations in their respective localities. <table border="1"> <thead> <tr> <th colspan="5">Status of Anti-Smoke Belching Ordinance</th> </tr> <tr> <th></th> <th>MM</th> <th>Baguio</th> <th>Cebu</th> <th>Davao</th> </tr> </thead> <tbody> <tr> <td>Prior to ECAP</td> <td>MM cities with approved ASB Ordinance after CAA: <ul style="list-style-type: none"> Makati Pasig Mandaluyong </td> <td>With approved ASB ordinance prior to the passage</td> <td>No approved ASB Ordinance</td> <td>With approved ASB Ordinance prior to the passage of CAA</td> </tr> </tbody> </table>	Status of Anti-Smoke Belching Ordinance						MM	Baguio	Cebu	Davao	Prior to ECAP	MM cities with approved ASB Ordinance after CAA: <ul style="list-style-type: none"> Makati Pasig Mandaluyong 	With approved ASB ordinance prior to the passage	No approved ASB Ordinance	With approved ASB Ordinance prior to the passage of CAA
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		<table border="1"> <tr> <td>With ECAP</td> <td> <ul style="list-style-type: none"> ▪ Muntinlupa <p>With the creation of MMASBA and assistance from ECAP, the following cities & municipalities have drafted proposed ASB Ordinance to enable these LGUs to pursue the implementation of the CAA in their localities:</p> <ul style="list-style-type: none"> ▪ Marikina ▪ Navotas ▪ Malabon ▪ Quezon city ▪ Manila ▪ Pateros </td> <td>of CAA Pprovided copies of draft ASB Ordinance prepared by ECAP legal adviser.</td> <td>Draft ASB Ordinance in its 2nd version and will be subjected to public consultation this October.</td> <td>Draft ASB Ordinance in its 4th version and shall be subjected to its inal deliberation in Davao City Council meeting.</td> </tr> </table> <ul style="list-style-type: none"> • Task forces & coalitions formed, strengthened, and capacitated through technical trainings, lakbay-aral, and provision of equipment are actively enforcing the roadside anti-smoke belching operations. • As an offshoot of ECAP’s support to Metro Manila ASBUs, the creation of MMASBA (formerly AMMA) has been very instrumental in vigorously compelling local executives on the need to create their own ASBUs to enforce emission standards in their respective cities. • Action plans were developed to guide the coalitions and task forces to empower these groups to undertake active role in carrying out clean air initiatives in their respective localities. 	With ECAP	<ul style="list-style-type: none"> ▪ Muntinlupa <p>With the creation of MMASBA and assistance from ECAP, the following cities & municipalities have drafted proposed ASB Ordinance to enable these LGUs to pursue the implementation of the CAA in their localities:</p> <ul style="list-style-type: none"> ▪ Marikina ▪ Navotas ▪ Malabon ▪ Quezon city ▪ Manila ▪ Pateros 	of CAA Pprovided copies of draft ASB Ordinance prepared by ECAP legal adviser.	Draft ASB Ordinance in its 2 nd version and will be subjected to public consultation this October.	Draft ASB Ordinance in its 4 th version and shall be subjected to its inal deliberation in Davao City Council meeting.
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<p>3 Cleaner vehicle fuels used by national government agencies, 50 top corporation fleets, and at least 50% of public vehicles in project sites</p>	<p>Build the capacity of the public utility transport sector to comply with the CAA</p>	<ul style="list-style-type: none"> • Interests of PUV drivers, operators and transport organizations to comply with emission standards and practice preventive maintenance were enhanced through the initial seminar training interventions supported. • Capability of the transport groups to comply with emission standards was heightened through the advocacy campaigns on emission compliance through free diagnostic emissions testing for public & private diesel vehicles conducted. • Awareness of the partner LGUs on health impacts, IEC methodologies, alternative clean transport fuels and technologies was enhanced through information campaign of success stories complemented by ECAP with USAID USAEP and Clean Cities Program. 					
<p>4 At least 1 coalition with academic, research, & NGOs established in L, V, & M</p>	<p>Strengthen Public-Private Partnerships & Local Coalitions</p>	<ul style="list-style-type: none"> • A Clean Air Youth Alliance (CAYA) was formed. It is a loose organization of youth groups that serve as a watchdog group for the rightful implementation of the Clean Air Act. • A partnership with the League of Corporate Foundations was forged. Thus, creating a momentum for the “Clean Air is our Business Campaign.” • The ECADEME, a network of academic institutions that advocate for energy and clean air issues, was also established in Baguio. 					

III. ACCOMPLISHMENTS, CHALLENGES, & PROSPECTS PER STRATEGY

Energy Component

Strategy 1: Developing Energy Sector Competency

In June 2001, the Philippines passed and enacted the Electric Power Industry Reform Act (EPIRA), and embarked on an ambitious and challenging task of introducing major reforms in the electric power industry. The EPIRA was introduced at a juncture when the Philippine energy sector was an institutionally centralized system. Sub-sector programs, implementing guidelines, and legislative agenda for natural gas, renewable energy, and indigenous fossil-fuels were already drawn up and ongoing. Prior energy laws were already in full force (e.g. Anti-Pilferage Act, Oil Industry Deregulation Act, Geothermal Act) and industry players were already niched in both upstream and downstream energy development. The EPIRA introduced reforms which would pave the way for structural unbundling, removal of subsidies, privatization of the State's generation assets, creation of the wholesale electricity spot market (WESM), and introduction of open access, and retail competition. These reforms were attempts to integrate the sub-sectors under the rallying point of competition and restructuring in hopes of addressing the sector's structural and institutional problems in energy development.

Years after accomplishing significant developments in the implementation of the EPIRA, the power sector is still beset with structural, operational & financial difficulties, and inefficiencies of sector players. The latter highlights a continuing need to build institutional & individual competencies in both government agencies and the private sector to continue implementing reforms & developing new and responsive policies. ECAP's strategy to develop energy sector competencies is a direct response to these challenges.

ECAP recognizes the fact that implementing reforms requires access to and expert use of knowledge and skills from the different technical and political disciplines. The Project positions itself as an ally of the government in addressing these developmental aspects through institutional capacity building focused on governance. Under its first strategy, ECAP takes an extensive look at and attempts to meet the critical skills needed by the energy sector, which include strategic and operations planning, policy analysis and development, monitoring and evaluation of projects, management, governance and leadership, and communications. ECAP's accomplishments in skills building are presented below:

DU Capacity Building

ECAP successfully established a firm foundation for developing the customer service skills of distribution utilities (DUs) through the Customer Welfare Development Program (CWDP), jointly implemented by ECAP with the ERC and the Philippine Rural Electrification Association (PHILRECA). This is in response to the ERC's twin goals of improving DU's customer skills in the midst of growing market competition and increasing demand for professional customer service.

This Program has provided the industry a pool of trainers who were selected from several batches of representatives from DUs participating in the CWDP for very good

performance during the training. They are now already being tapped by other DUs to conduct trainings for them on Basic Customer Service Skills. This has created a leveraging and a multiplier effect in the process of building consumer welfare skills. In addition, the CWD Program has standardized the consumer welfare desk (CWD) brand, professionalizing both the image of and the service rendered by CWD officers. Strengthening ECAP's initiative, ERC issued on 4 August 2006 a resolution entitled, *Guidelines Prescribing Minimum Standards for Frontline Customer Services of Distribution Utilities and Other Electric Service Providers*.

EPIMB Capacity Building

For the past year, ECAP' provided technical assistance to the DOE-EPIMB in the form of technical, legal, and policy inputs based on expert analysis of the proposed amendments to the EPIRA and the Energy Regulations (ER) 1-94 (Benefits to Host Communities). ECAP provided the EPIMB with expert advice on issues concerning power sector restructuring and privatization, developing further its capacity for technical, legal, and policy analysis and strengthening its recommendations to both Houses of Congress on the ongoing legislative deliberations on EPIRA amendments.

ECAP has also provided EPIMB technical assistance by starting the development of a *Manual of Procedures* for ER 1-94, which hopes to aid the latter in implementing said program. The technical assistance included a seminar-workshop on ER 1-94 which allowed the EPIMB to delineate the roles of the different implementing agencies and address some of the barriers and hurdles to effective and efficient program implementation.

Power Tracker (PT) II Development

In 2006, ECAP and DOE refocused their efforts in developing the PT to include the monitoring of the "*reforms for transparent and reasonable rates of electricity*", deemed to be the most critical for both the industry players and end-users. ECAP, thru the UP Team has successfully developed a prototype of the Rates Section of the Power Tracker II (PTII). The prototype demonstrated the potential of the System, not only as an information management tool, but also as an aid for policy analysis and a tool for ensuring transparency in the power sector.

Moving forward, the DOE-EPIMB is implementing a Pilot Test of the PTII with selected distribution utilities. The purpose of this pilot testing is to demonstrate and showcase the benefits of the System and as a powerful tool in monitoring and evaluating the progress of EPIRA implementation, initially as regards electricity rates, in policy-making, and decision-making of end-users.

EPPB Capacity Building

ECAP helped strengthen the energy planning process through an extensive Logical Framework Approach (LFA) Training for the Energy Policy & Planning Bureau (EPPB) and the members of the Philippine Energy Plan (PEP) Technical Working Group (PEP-TWG). This training activity presented an opportunity for the technical and planning staff of the DOE to enhance the current process in developing the PEP. As a result, the DOE adopted a new process that is more participatory in nature and gives priority to putting development frameworks to the whole plan.

The DOE is still adjusting to this new planning process and while the barriers to improvement are oftentimes difficult to overcome DOE's commitment to improve the timeliness and the responsiveness of the PEP to sector developments remains deep and strong. The EPPB is taking the lead in identifying implementation and strategic issues that need to be further studied or addressed to strengthen the policy directions in the PEP. This undertaking is preparatory to a strategic planning exercise for the DOE and the energy sector.

ERC Organizational Development

Through ECAP's technical assistance on strategic planning, ERC is gaining momentum in institutionalizing the planning process and embracing the discipline needed to embark on a successful planning journey.

After a series of planning workshops in the first quarter of 2006, ERC developed its 2006 strategic plan focused on preparing Organizational Development (OD) and Human Resource Development (HR) Plans. Planning and implementation efforts are led by the Executive Director, supervised by the Service Directors, and closely monitored by the Planning and Information Service (PIS). As an additional motivation to the organization, the PIS has devised a rating and rewards system to recognize the efforts of each Service in achieving their plans. Under this system, ERC garnered an overall accomplishment rating of 29%, with the Market Operations Service (MOS) contributing 43% and consequently, tagged as the "Best Hoshin Performer", after ERC's adopted planning methodology.

Recognizing the importance of continuous planning in an organization, ERC is taking a well-studied and deliberate approach in implementing its strategic plan. From the first step of developing an overall "corporate" strategic plan, ERC is now focusing on the planning and implementation of organizational and human resource development (OD/HRD) plans. It is currently exploring and working towards a partnership with the Asian and Institute of Management (AIM) for a long-term Leadership Enhancement Program focused on OD/HRD. This is an off-shoot of the Leadership Training held in August, with AIM and the Ateneo School of Government (ASG) as resource speakers.

Implementation Challenges

- **Shifting to low gear as ECAP navigates through major organizational transitions & developments.** The year 2006 witnessed major organizational transitions in ECAP's partner agencies, more specifically at the DOE and ERC. The appointment of key officials and positions in DOE and ERC required the establishment, renewal, or reinforcement of ties on the part of USAID and ECAP with the government officials. In the process, ECAP had to revisit the design of its existing TA to re-orient and align the planned activities to the requirements of the new officials. While the Project was ready to roll-out its planned TA, this activity implementation was slowed down by these transitions.
- **Identifying workable, innovative, and sustainable solutions specific to the unique needs of each partner agency.** ECAP, in the design, development and delivery of its

technical assistance activities, puts emphasis on the sustainability of reform initiatives and fully recognizes the fact that each partner agency has its own unique way of responding to specific or sector-wide challenges. While ECAP makes use of tried-and-tested solutions in designing, developing, and delivering technical assistance, it is constantly exploring and deliberately seeking improvements by combining traditional approaches with new and innovative solutions. Thus its approach of using forums, FGDs, RTDs, workshops, and conferences is meant to increase the diversity of stakeholders in the energy sector.

Prospects for 2007

For its third year, the Energy Component of ECAP will pursue the following activities:

- Technical trainings for DUs
- Design, development and initial implementation of institutional development program
- Continuing technical assistance to ERC on Strategic Planning and Organizational Development Planning and Implementation
- Continuing technical assistance to DOE on Strategic Planning for the DOE Management Committee and for the DOE Executive Committee
- Technical assistance in conducting the Pilot Test of Power Tracker II

Strategy 2: Promoting Indigenous Energy Sources

As the prices of oil and other fossil fuels in the world market rise and as the sustainability of the supply of fossil fuels threaten energy security, the search for and the development of alternative and cheaper fuel options has become a major and priority economic concern. The Philippines is one of the most vulnerable economies to the price shocks and to threats of supply cuts. It has made *energy independence* as a major item in the economic development agenda, and targets a 60% self-sufficiency level by 2010.

In order to achieve this target, the Government has identified the following approaches: 1) accelerating the exploration, development, and utilization of indigenous energy resources, 2) intensifying renewable energy resource development, and 3) increasing the use of alternative fuels. ECAP's strategy to promote indigenous, clean, alternative energy sources aims to contribute significantly to these government efforts.

Under this strategy, ECAP concentrated on helping the government strengthen investment promotions for renewable energy sources and advocate for cleaner and alternative energy options. In addition, technical assistance for policy analysis and policy recommendations was specifically given to the Nat Gas Office of the DOE to support the passage of the pending NG Bill and promote the development of the natural gas industry. The following are ECAP's accomplishments in this strategy:

Natural Gas (NG) Industry Development

In early part of the year, ECAP extended assistance to the DOE NG Office through the development of a policy paper that outlined a framework for the development of the Philippine NG industry. This paper served as a “roadmap” for the development of the industry and provided recommendations on industry fundamentals, existing industry policies and regulations, investment issues, and policy and program additions and enhancements. The DOE NG Office used this policy material to serve as a roadmap that Congress has requested from the DOE and which it has used as attachment to the pending Natural Gas Bill.

ECAP’s assistance for this area is currently on hold as the Project evaluates and prioritizes activities and TA requests that will be included in the FY 2007 work plan. At this stage, clear directions from DOE as regards their plans for the NG industry are crucial in determining the extent of TA that will be provided to them. This is expected to be one of the issues to be discussed in the forthcoming DOE Management Committee Strategic Planning Workshop.

Renewable Energy (RE) Industry Development

ECAP has started the promotion of RE utilization in its project sites through a forum series entitled, “*Energy in the City.*” As an offshoot of the program *Mobilizing Local Government Support for Energy & Clean Air*, this series of forums aims to bring the discussion on RE to the local level. It is ECAP’s objective to assist the local government units (LGU) develop and implement their own RE projects, whether in the urban or rural setting.

ECAP facilitated the linkages between the DOE and LGUs. One of the notable results is the emerging partnership between the DOE and the League of Vice Governors of the Philippines (LGVP) to pursue the development of RE sources in the provinces. Moving forward, ECAP will nurture this potential partnership through assistance in drafting a Memorandum of Agreement between the two parties and facilitating the development and conduct of joint activities promoting RE. Another promising accomplishment is the high interest of the Quezon City (QC) LGU to use RE in powering certain parts of the City. ECAP has pledged support to the City through provision of technical assistance in terms of expert policy advice and facilitation of joint and collaborative activities with possible private sector partners to achieve this endeavor.

Implementation Challenges

- **Clarifying GRP partners’ priorities and policy directions** - The selection of and the subsequent prioritization of options for policy development in the energy sector is a daunting task. The identification and selection of alternatives or energy supply options require a multi-disciplinary and multi-sector approach. For 2006, ECAP’s the provision of TA to the DOE for the development of the NG industry was beset by implementation challenges. There were abrupt changes in the organizational structure of DOE in the Undersecretary level, supervising the DOE’s initiatives on the NG industry. The transition required all parties involved to adjust to the new direction and approach that the new undersecretary has taken and adopted. These adjustments and re-alignment of

directions and initiatives were necessary to ensure the efficient and effective use of resources of ECAP.

- **Seeking private partners to leverage limited resources.** Given its limited resources for providing much needed TA, ECAP advocates for “counterparting” with partner GRP agencies and “leveraging” of resources with other possible funding partners. The implementation of GRP plans and programs require funds that usually require pooling of resources from several mechanisms. For example, the utilization of RE sources is challenged by the availability of funds to finance the construction and maintenance of RE technologies. This challenge presents an opportunity for 1) interested LGUs to set aside part of their budget for this cause, and 2) private sector involved in RE to showcase and promote their technologies. For ECAP, the challenge is to facilitate the link between different funding and assistance organizations.

Prospects for 2007

For its third year, ECAP will redefine the scope of its TA in the area of RE. The Project is looking at operating on a “Renewable Energy – Energy Efficiency” framework, where RE will be promoted as a cleaner and more efficient energy resource. High importance will also be placed on the participation of local government units (LGUs) and the private sector in implementing this strategy. For 2007, ECAP is targeting the following:

- Local ordinances on RE & EE/C formulated in 2 project sites
- Two (2) pilot RE projects facilitated in any of its project sites

Strategy 3: Promoting Energy Efficiency

The country’s continuing dependence on imported oil and other fossil fuels, the looming capacity shortages, and the detrimental effects of conventional fuels to the environment are the challenges that the GRP tries to address through its *National Energy Efficiency & Conservation Program (NEECP)*. This program provides the framework for the GRP efforts to promote efficient and judicious utilization of energy. ECAP’s strategy of promoting energy efficiency aims to support this framework.

For 2006, this strategy came in the form of information, education, and communication (IEC) efforts targeted to ECAP’s project sites. The Project deemed that the concept of energy efficiency and conservation is a good handle to introduce the basic concept of *energy* in the local level. Among the notable accomplishments under this strategy are:

Efficient Lighting & Lamp Waste Management Study Tour to the US

The GRP expanded its network of government and private sector partners involved in energy efficient lighting market transformation as well as lamp waste management in the United States. ECAP and the United Nations Development Programme (UNDP) Philippine Efficient Lighting and Market Transformation Project (PELMATP) jointly organized this study tour for the DOE Energy Research and Testing Laboratory Services (ERTLS) and the Department of Environment & Natural Resources (DENR)

Environmental Management Bureau (EMB). The study tour resulted in a set of recommendations for programs that could be implemented here in the Philippines. ECAP will continue collaborating with UNDP-PELMATP and the DOE-ERTLS to follow-up on the lessons learned from the study tour.

Coalition-building for Energy Efficiency & Conservation

ECAP has started a communication initiative entitled *Mobilizing Local Government for Energy & Clean Air* in the second quarter of 2006. For the energy component, this initiative focused on communicating the concept and benefits of energy efficiency and conservation (EE/C). Considered as a crucial step for coalition-building, forums were conducted in ECAP's project sites with the objective of presenting practical ways and tips to exercise EE/C. Initially, the target of this initiative is for the LGU in the project sites to adopt their own EE/C programs. However, the first round of forums proved that there is an even bigger opportunity for this initiative to reach a wider stakeholder base to include local women's organizations, the youth, and the business sector.

Implementation Challenges

Defining scope of TA that would make the most impact. ECAP acknowledges the fact that a number of TA in the area of EE/C has already been given to the GRP. However, the reality that there is more to be done to support the implementation of the NEECP, is still there. ECAP's challenge is to design an EE/C TA program anchored on the framework set by the NEECP that would contribute significantly to the efforts of the GRP given the remaining two years of the Project and its limited resources. Past EE/C programs and existing EE/C donor-funded programs must also be given due consideration in designing ECAP's TA.

Prospects for 2007

As earlier stated, ECAP is looking at operating on a "Renewable Energy – Energy Efficiency" framework, linking the use of RE and EE/C practices to promote EE. The Project's main implementing partners for this strategy are the LGUs and large energy consumers. Coalition-building and formation of public private partnerships are the key approaches that will be used in this strategy. The following targets have been set for 2007:

- Coalitions on EE/C formed in all project sites
- Large electricity consumers informed on the latest EE/C initiatives for possible adoption
- Local ordinances on RE & EE/C formulated in 2 project sites

Strategy 4: Communicating Energy Reforms

Public understanding and support is crucial to the successful implementation of reforms being instituted by the government. In the energy sector, these reforms are most often

technical in nature, which in a way disconnects the public from the benefits that these try to convey. The reforms that the EPIRA tries to introduce, for example, are mostly couched in specialized “expert” language making it difficult for other stakeholders to appreciate and support. The challenge for the energy sector is to effectively communicate these reforms in a language that the general public could easily understand. One of ECAP’s main strategies is to ground energy communication to convey critical and practical information to all stakeholders.

For the first two years of ECAP, it tried to widen the stakeholder base using the principle of inclusion as it reached out to three (3) levels of stakeholders who can be potential energy communicators: engineers, executives, and economists. For the remaining years, it hopes to deepen the stakeholder base by capacitating these stakeholders to understand energy issues. The Project also capacitated unconventional partners, like the Media, to complete the loop of energy communicators. For 2006, following are the accomplishments in communicating energy reforms:

Media Capacity Building

The Media’s understanding of power reforms has increased through the Media Capacity Building assistance of ECAP. In collaboration with some power industry players, the energy beat reporters of print and some television media benefited from a series of seminars, local study visits, and a regional study tour on power sector issues. This initiative has expanded the media’s knowledge on issues and has improved the quality of energy reporting in the country. Indirectly, a significant achievement of this initiative is the strengthened partnership between the media and the power industry players towards gathering support for sector reforms.

Private Partnerships for Energy Reforms

With support from ECAP, two (2) major communication initiatives from the Integrated Institute of Electrical Engineers (IIEE) and the Philippine Chamber of Commerce and Industry (PCCI) were launched in 2006. Interest on discussing EPIRA was at a high as engineers and businessmen tried to find solutions on how to push forward with the reforms. ECAP aims to facilitate more venues for these kinds of discussion and to find more partners for DOE in implementing reforms.

Implementation Challenges

Seeking counterparts from GRP to ensure sustainability of initiatives. The interest of private sector partners in discussing and addressing energy sector issues needs to be increased, strengthened, and sustained, for the government to have a pool of allies to implement reforms. The challenge is for ECAP to seek counterparts from the government, either in funds, in kind, or in manpower, that will nourish the partnerships that have been established.

Prospects for 2007

For 2007, ECAP will continue to pursue its fundamental approach of increasing public understanding and support to complement the first three (3) strategies.

ECAP shall continue to facilitate the expansion and deepening of DOE's partnerships with the IIEE and the PCCI, and ERC's emerging partnerships with AIM and ASG. The Project will also pave the way for new GRP partnerships with potential partners which include: the UP National Engineering Center, the UP School of Economics, the University of Asia and the Pacific, the Asian Institute of Management, the Ateneo School of Government, USC Social Research Center, Philippine Economic Society and the Mechanical Engineering Society of De la Salle University. ECAP will facilitate the link between these organizations and the DOE to formulate programs in aid of implementing energy reforms.

Clean Air Component

Strategy 1: Strengthen the Motor Vehicle Inspection & Maintenance System.

The Clean Air Act of 1999 mandates the DOTC, as a government transport agency to develop an operational MVIS nationwide. In 2005, however, the MVIS infrastructure remains inoperable to completely undertake emissions and roadworthiness tests of motor vehicle prior to registration. In absence of an operational Motor Vehicle Inspection System, this created avenue in misinterpreting the importance of emission standards compliance by drivers, operators, Private Emission Testing Center (PETC) technicians, and government regulatory body. This paved way to massive mismanagement of the entire MV registration process from emission testing to vehicle registration. This weak enforcement of the Law has greatly affected the credibility performance of the PETCs (for the good intention it was created) by the rampant non-appearance or no show of vehicle owners who still get a 'compliance emissions certification (CEC).'

The high proliferation of fake certificates of emission compliance has also weakened the credibility of Land Transport Office (LTO), as a government regulatory transport agency in ensuring tampered-free results in absence of a system that directly connects emission results from testing centers to LTO's registration database. The lack of set standards to allow the use of customized road vehicles (CRVs) and indigenous vehicles on the road is another problem faced by the government.

In 2006, ECAP has provided TA to DOTC, DENR, & DTI in enhancing its governance system for motor vehicles prior to registration intended to strengthen the MVIS in the country.

MVIS Development and Implementation

With the expressed interests of both DOTC and LTO in rehabilitating the existing 7 MVIS infrastructures, ECAP supported the DOTC's Framework development for a National Transport Action Plan, using the theme "*Clean Emission for Clean Air Program.*" The action plan, which was subjected to a series of stakeholders' consultations in Luzon, Visayas, and Mindanao has served as the government's 'blueprint' for the transport

sector in mapping out their priority agenda for cleaner transport system, which became the basis in pursuing the development of MVIS. The project also fielded foreign and local experts on MVIS to provide technical advice to LTO of the different elements of the MVIS that should be incorporated in the bid proposals being packaged by LTO. ECAP's assistance aimed at enhancing the finalized bid proposals for MVIS equipment procurement and installation as well as the development of training modules to certify and professionalize the MVIS technicians. A series of roundtable discussions with DOTC & LTO staff to discuss the plans of the government on MVIS was conducted.

PETC Industry Study

To complete the prior activities of MVIS development, ECAP supported a PETC Industry study, which evaluated the performance of the emission testing centers managed by private entities and whatever formulated recommended options shall be used by DOTC and LTO in determining the future role of these testing centers in the government's MVIS plan.

Implementation Challenges

- **Enhance the appreciation of the government about an ideal MVIS Development and Implementation Approach.** While LTO, as the agency spearheading the development of the MVIS has defined the specific elements to be included in the bidding documents, their lack of appreciation on the successful implementation of motor vehicle inspection system in other countries, which focuses to address emissions, remains limited. This problem also aggravated the delay to package bidding proposal for the MVIS equipment procurement and installation due for this year before the funds from the Motor Vehicle Users' Charge can be awarded to DOTC-LTO to support the full development and implementation of the MVIS nationwide.
- **Assist the government to develop clean policy on the role of PETCs in the proposed MVIS Plan.** A good PETC study report to showcase the current industry performance should provide the government a clear direction on the future role of the PETCs in the MVIS program. Investment, credibility and reliability issues are considerations that the government should take into account in deciding the utility part of these testing centers.
- **Standards development for CRVs has just began and will require more time to establish.** Given this deficiency, the Department of Trade and Industry (DTI) that promulgates vehicle standards is also limited to run after indigenous vehicles for standards compliance.
- **Delay in the approval process of standards for tricycles and in-use vehicles.** Similarly, important aspects that need to be addressed are the absence of emission standards for motorcycles as basis in regulating the level of compliance for carbon monoxide and hydrocarbon as well as the need to develop stricter emission standards for in-use vehicles in preparation for the country's implementation of

EURO II. These standards must be put in place in preparation for the full operation of the MVIS.

Prospects for 2007

For year 3, ECAP plans to continue its TA support to DOTC and LTO to push and sustain its interests of the government to put in place a credible and operational MVIS. ECAP's support shall focus the conduct of public consultation to prepare transport sectors to comply MVIS requirements and stakeholders to support the full implementation of MVIS as well the promotion of Bus Rapid Transit (BRT), an clean transport technology options for the government to consider, as our ways to go in cleaning metro cities air.

Strategy 2: Strengthening Local Governance & Improving the Effectiveness of Roadside Apprehension of Smoke Belching Vehicles.

At the onset, project implementation has been faced with difficulty in mainstreaming the involvement of the LGUs as partners in carrying out clean air interventions at the local level. The lack of resources to support the increasing demand to clean metro city air as well as the lack of technical capability to carry out the LGU mandates under the CAA, have loosened up the interests of these LGUs to actively involved in clean air activities aimed at reducing vehicle emissions.

Anti-Smoke Belching Ordinance Formulation Efforts for LGUs

Taking advantage of the creation of the MMASBA in year 1, for year-2, ECAP centered its support that strengthens the critical role of the LGUs in sustaining the roadside operation initiatives supported by the project at the local level. Using strategy 2, ECAP supported the crafting of a harmonized LGU Anti-Smoke Belching Ordinance to provide the ECAP partner LGUs the legal power to deputize their own Anti-Smoke Belching enforcers and establish their own Clean Air Management Fund from collected fines and penalties to support local efforts for cleaner air. As a result of this TA, local government partners, like: Cebu City, Davao City, and 6 Metro Manila LGUs (Marikina, Navotas, Malabon, Quezon City, Manila, Pateros) have now drafted their own ASB Ordinance for approval by their respective local councils.

Equipment and Training Support for ASB Units

Having paved the way for the creation of Metro Manila Anti-Smoke Belching Association (MMASBA), formerly Anti-Smoke Belching Units of Metro Manila (AMMA) in 2005, ECAP's year-2 TAs focused in building the capacity of the MMASBA in setting priority action agenda that will guide them in enforcing vehicle emission standards on the road. The project assistance also included ASB equipment/hand tools, lakbay-aral (LGU cross-visits), and exposure trainings to enhance roadside inspection and apprehension operations. Through the intervention of MMASBA, other LGUs in Metro Manila have signified interests to reactivate their clean air efforts in their respective localities and willing to create their pool of ASB enforcers and drafted local ASB ordinance.

Implementation Challenges

- **There is a need to establish the capability of the LTO technical staff to implement emission standards.** The CAA mandates the DOTC to implement the emission standards for motor vehicles, however, interventions from the LTO has been very limited, in particular, the conduct of emission inspections along the road.
- **The need to strengthen the capacity of the LGUs to implement clean air initiatives at the local level.** Considering that cleaning the air is a shared responsibility both by the national and local executive, there has been lack of legal basis of the local government to ensure reduction of vehicle emissions. There has been a low appreciation of the LGUs to understand their roles in protecting the urban environment at the local level.
- **Need to assist ASB Enforcers in terms of legal support.** Legal support is deemed important to “foot soldiers” enforcing the law, wherein they have been sued back by some of the smoke belchers they apprehended. The lack of legal assistance extended to these ASB enforcers has been one of the drawbacks for the ASB Teams to aggressively implement the vehicle emission standards along the major roads of urban centers.
- **Development of Policy to support LGU to Access the Air Quality Management Fund.** Since the implementation of the CAA in 2000, some LGUs have pursued roadside apprehension operations, however, till date, access to avail funds from the AQMF coffer where LGUs contributed through the collected fines and penalties was not even made possible.

Prospects for 2007

For 2007, ECAP shall continue to support clean air partner government units at the local level in pursuing the passage of their local ordinances to aid the LGUs in setting an enabling environment for their strong for a sustained efforts in apprehending vehicle smoke belchers. Strengthening the ASB enforcer organizations, like provision of ASB equipment, technical trainings, among others shall remain areas of priority for ECAP's year-2 TA in order to sustain and completely capacitate the enforcers to efficiently and effectively dispatch their social services in enforcing emission standards on the road for healthy air for all. ECAP's assistance can be in the form of a combined technical advice, roundtable discussions, public consultations, and lakbay-aral sharing scheme.

Strategy 3: Strengthen Public transport sector's capacity to comply with law.

The Philippine Clean Air Act, otherwise known as the Republic Act 8749, has been enacted for five years now. However, not much has been done to empower the public transport sector to be compliant with the law. The public transport sector, comprising a large proportion of motor vehicles, needs to be educated on the importance of clean air. A key element of this strategy is alleviation and enhancement of the level of awareness and understanding of public transport drivers on how to comply with RA 8749. Different options

and alternatives should be presented to them for them to be able to act in accordance with the law. Considering that most drivers of public transport have only reached primary or basic education, information/awareness campaigns should be packaged in a comprehensible way.

This year, ECAP focused on building the capacity of the public utility transport sector to comply with RA 8749. Cognizant of PM as an important prerequisite to clean air, in 2006, ECAP concentrated on educating the public transport sector regarding the practice of proper vehicle maintenance and inspection. Furthermore, awareness campaigns on the use of cleaner/alternative fuels were conducted in partnership with another USAID-assisted project, the Sustainable Energy Development Program. Other activities accomplished under the period of consideration included consultative meetings and continued coordination with the public transport sector. Advocacy campaigns on emissions compliance through free diagnostic emissions testing for public diesel vehicles, too, were executed.

Preventive Maintenance Training

Through the assistance of ECAP, the Makati City LGU developed and held trainings on Preventive Maintenance (PM) as part of the “Tsuper Dunong” Program of the Makati City Government. Thirty drivers coming from the Makati City Government Motorpool, and members of the Makati City Federation of Jeepney Operators and Drivers participated in the one-day training. A comprehensive training module was created aimed at mainstreaming the practice of PM among drivers. The said module included practical and hands-on lectures about air pollution and health impacts, PM and its economic benefits, PM Inspection of Injector/Injector Pump Calibration, safe driving techniques, engine reconditioning micro-financing.

Awareness Campaigns on Cleaner/Alternative Fuels

ECAP partnered with SEDP in carrying out some information, education and communication (IEC) campaigns to promote the use of cleaner/alternative fuels among the public transport sector drivers. It was sought out to dispel myths about additives and alternative fuels and to illustrate the benefits that can be derived from its use.

Implementation Challenges

- **Seeking microfinance partners for PM practice.** Public utility transport drivers lack the will to practice PM because of the perception that PM incurs more costs, than benefits. Thus, to make them participate effectively to clean air initiatives, particularly PM, access to microfinance institutions will reinforce the will of drivers to do PM.
- **Policy directives on the production of alternative fuels need to be created.** Awareness campaigns on the use of cleaner/alternative fuels will only be valuable if there is a sufficient supply available in the market. Thus, there is an immediate need to have a legal basis on the production of these fuels to spur its development and henceforth, its use.
- **Common thrust with SEDP.** Strategy 3, in the area of promotion of cleaner/alternative fuels, is a converging point of ECAP and SEDP. There are activities that are of the same nature. Instead of duplicating the efforts, ECAP links

up with SEDP in the performance of initiatives to create an enabling environment for the public utility transport sector. ECAP, in Year-2, saw Strategy 3 in a low key position.

Prospects for 2007

Year-3 shall embark on the concretization of more programs geared towards the public utility transport sector intended to capacitate drivers and operators in the area of preventive maintenance and inspection and the use of cleaner/alternative fuels. Drivers who participated in the baseline emissions testing done by ECAP will be prioritized in the conduct of trainings on PM. On the promotion of cleaner/alternative fuels, ECAP will employ a unique approach to delineate ECAP initiatives to that of SEDP. Campaigns on the health effects of air pollution and about proper driving behavior shall also be integrated in the activity designs.

Strategy 4: Strengthen Public-Private Partnerships & Local Coalitions.

Effecting public support and understanding is a key element of the sustainability of any development project. It is common for initiatives to become dependent on external aid or funding leading to the collapse of momentum at the end of the project life. Thus, it is vital to mobilize individuals and groups from the general public to contribute and have ownership of various clean air initiatives. By utilizing participatory approaches, different players come to identify their roles and become aligned to the goals of the project. Thereby, addressing clean air issues independently, even after the project life.

In the past two years, ECAP focused on strengthening networks with the private, media, health, youth and transport sector through continued collaboration and exploration of different areas of possible partnership. Year-2 placed an emphasis on linking partner institutions and groups among themselves, making ECAP a conduit of partnerships formed between the public and private sector. Notwithstanding the limited life of the project, the approach used in Year-2 ensures the continuity of efforts that were started.

Clean Air Caravan

Chemrez, Inc., the first and largest producer of coco-biodiesel in Asia, partnered with ECAP in demonstrating to several localities the benefits of biodiesel, to promote it as a better, more earth-friendly fuel choice. During each stop of the Caravan, emission levels of randomly selected vehicles in the localities were tested to provide a baseline data for comparison. Their fuels were then mixed with a coco-biodiesel additive manufactured by Chemrez, Inc. The same vehicles were again subjected to emission tests, 30 minutes later and the results showed a marked decrease in emission levels following the use of bio-diesel.

The caravan also featured talks on the benefits of using biodiesel. Public Health Specialists Belinda B. Villasencio and Helen Calong of the Lung Center of the Philippines discussed the ill effects of air pollution from mobile sources, the worsening of which could be mitigated with the use of biodiesel or other such cleaner fuels.

Clean Air Youth Alliance

The establishment of the Clean Air Youth Alliance (CAYA) is a key component of ECAP's coalition building strategy to promote clean air among the young decision-makers. It is aimed at being a primary advocacy force for clean air, with the youth as its vehicle. After the launch, CAYA member organizations were capacitated through ECAP-assisted activities such as the Clean Air Speakers Bureau Training Seminar and the Action Planning and Presentation Skills Training. The latter part of Year-2 saw CAYA member organizations initiating their own activities such as Clean Air 101 Seminars in their own schools and action planning workshops.

Clean Air is Our Business Campaign

In partnership with Nestle Philippines, Incorporated, the program was developed to imbibe among Nestle employees the practice of preventive maintenance and use of clean fuels for efficient energy utilization and to contribute to cleaner air. Speakers from ECAP, DENR, Chemrez, Inc., and Robert Bosch Philippines presented on different topics such as: Clean Air 101, Preventive Maintenance, Clean Fuels and Safe, Clean and Efficient Cars. Free emission tests and biodiesel demonstrations were also performed. This campaign illustrates the private sector as industry examples in the goal for cleaner air.

Implementation Challenges

- **Strengthening partnerships between public and private sector.** Considering ECAP's project term, ECAP has to strengthen the linkages between GRP partners and the private sector to ensure the sustainability of clean air initiatives.
- **Effecting a paradigm shift to the public utility transport sector.** Stakeholders from the public utility transport sector, particularly jeepney and FX drivers, view cleaning the air as an ambitious and costly task. Such perception is influenced by a lack of awareness and understanding of the clean air issues.

Prospects for 2007

For the incoming year, ECAP will be doing another campaign on "Clean Air is Our Business" with San Miguel Corporation Brewery. Partnerships with the Heart and Lung Center of the Philippines, League of Corporate Foundations and GRP will be continued and enhanced. Mainstreaming air quality forecasts in daily news to increase breadth and depth of awareness of the general public shall also be explored. ECAP shall also produce IEC materials and collaterals (i.e. brochures, folders, audio-visual presentations and website development) to strengthen the advocacy for cleaner air. Awareness campaigns for the public utility transport sector will be intensified in Year-3.

IV. SUCCESS STORIES

Restoring the Breath of Life

Bayanihan is a unique Filipino tradition. Documented by historians and travelers countless times, it is simply a value of “people helping people.” At present, the young would probably say that the *bayanihan* is already a thing of the past. To that, the Metro Manila Anti-Smoke Belching Association is sure to disagree. With a noble vision and a steadfast commitment to cleaning the air, the MMASBA brings together 17 municipalities to restore the breath of life.

The creation of MMASBA formerly known as the “Association of Metro Manila Anti-Smoke Belching Units (AMMA)” was an off-shoot of the USAID-funded Training Workshop on ‘*Improving the DENR’s ASB Program in NCR*’ last May 3-4, 2005, in Tagaytay Haven, Tagaytay City. From then on, the MMASBA initiated their own initiatives and sought registration with the SEC.

Rolando Tomalon, a member of the Quezon City Anti-Smoke Belching Unit, imparted “I am very proud to be a clean air enforcer. I have been working with the team for more than 10 years now. With the establishment of the MMASBA, I am sure that more people and communities will benefit from it. This means a lot to parents like me.”

The MMASBA currently has a program called “Big Brother, Small Brother” wherein ASB units with deputized enforcers adopt a local government unit that has no ASB unit and perform roadside inspections and apprehensions in their locality. In addition, the MMASBA will capacitate the “small brothers” so that they can create their own operating teams.

With the MMASBA gaining momentum, the vision of clean air is now close at hand.



Ripples of Change in the Power Industry

Have you ever seen what happens after a small pebble is thrown in a still pond? A circle of wave forms from the center and spreads outward to the farthest point it can reach. It's called *ripples* and such phenomenon is taking place in the Philippine power industry and is changing the face of the distribution sector. Through the help of fifteen (15) dynamic trainers, good customer service skills are spreading throughout the entire population of consumer welfare desk (CWD) officers or the frontline officers of 140 distribution utilities (DUs) nationwide.

For the fifteen (15) trainers, the journey began as CWD officers who joined the Consumer Welfare Development Program¹, initiated by the Energy Regulatory Commission and supported by ECAP. Emerging as the top performers of their respective batches, the fantastic fifteen metamorphosed into full-fledged ERC-accredited trainers after successfully finishing basic and advanced *Customer Service Skills Trainings* and the *Teaching Experts and Advocates for Change (TEACH) Trainers Training*. Asked about the impact of the CWD Program in his life, top trainer Jojo Bayona has this to share, "The truth of the matter [is that] the CWD program helped me realize my true worth and capacity which add meaning to my purpose in life... But the paramount aspect of this experience is SERVICE... the chance to be of service to our customers... the chance to be part of a group that is so [concerned about] quality customer service."

After the *First National Convention of CWD Officers*, held in June 2006, the trainers are now being tapped by other DUs for exclusive trainings on customer service. Ripples have formed in the provinces of Isabela, Cabanatuan, Southern Luzon, Iloilo, Negros Occidental, Cagayan De Oro, Zamboanga del Sur. ERC also complemented these initiatives by enforcing *Guidelines for Prescribing Minimum Standards for Frontline Customer Services of Distribution Utilities* in August 2006. With such commitment, the country's electric power industry can expect more ripples to be created by the industry's agents of change.



¹ The CWD Program is the ERC's response to the shift taken by the National Government towards introducing competition and increasing efficiency in the Philippine electric power industry.



Attachment Description of Accomplishments

The project accomplishments from October 2005 to September 2006 are divided into **energy, clean air, and inter-phase (energy & clean air)** components. They are categorized further according to the strategies of each component.

Energy Component

Strategy 1: Strengthening Energy Sector Competency

1.1. Distribution Sector Capacity Building

1	Title:	ERC –North and South Luzon Distribution Utilities (DUs) Consultative Conferences
	Type of Assistance:	Capacity-building; Assessment
	Date/Venue:	26-27 January & 2-3 February 2006
	Partner(s):	ERC
	Subcontractor:	Events R Us

Said conferences are the third and fourth in the series of consultative conferences, with the first two held in Mindanao and Visayas. Similarly, they aim to provide a venue for the ERC and DUs to discuss regulatory concerns and to clarify regulatory guidelines and initiatives as they impact on the distribution sector. For ECAP, it served as an opportunity to determine and assess the training needs of the DUs, which will then serve as basis for designing ECAP's technical training programs for DUs.

The North Luzon Conference, held in Baguio, gathered 143 participants: 130 DU representatives and 11 GRP representatives (i.e., NEA, NPC and TransCo). The South Luzon Conference, conducted in Tagaytay, had a total of 100 participants.

Both conferences were managed by Events R'Us.

2	Title:	Consumer Welfare Development (CWD) Program CWD Action Planning Workshop
	Type of Assistance:	Capacity-building
	Date/Venue:	8-10 February 2006
	Partner(s):	ERC
	Subcontractors:	Corporate Image Dimensions, Events R Us

The Action Planning Workshop was a follow-on activity to the previously held Basic Skills Training on Customer Service and the TEACH Trainors' Training conducted from July to August 2005. It was envisaged to kick off the series of basic customer service trainings, which will be conducted by ERC-accredited trainors for DUs nationwide and which will culminate in a *National CWD Officers Convention* in June 2006. More specific objectives of this workshop are as follows:

- Share advanced skills and knowledge on Customer Service Systems and Processes;
- Revisit and enhance CWD Program Training Materials; and
- Develop training plan.

Fifteen (15) ERC-accredited trainers participated in the workshop. They were joined by customer affairs officers from DOE and NEA. ECAP's Baguio PAO also participated in the event.

ECAP engaged the services of Corporate Image Dimensions (CID) and Events R'Us for this activity.

3	Title:	Energy Consultative Conference Towards a Strengthened Distribution Sector
	Type of Assistance:	Capacity-building; Assessment
	Date/Venue:	22-23 May 2006
	Partner(s):	ERC, NEA

This event, which the USAID-ECAP took as an opportunity to help move forward the implementation of EPIRA, was the fifth in the series of the consultative conferences held from September 2005 to February this year.

During the activity, ERC shared regulatory updates with an assembly of NEA leaders and regional officers. Key topics discussed were reforms related to a) technical regulation b) economic, market, and consumer affairs, c) off-grid regulation, d) time-of-use (TOU) pricing, and e) the grid and distribution management committees. The Conference also served as a venue for the energy agencies to discuss how they can best assist the DUs in complying with regulatory mandates.

A total of 72 registered participants attended the event, with 50 coming from NEA and the rest from ERC, DOE, and NPC.

4	Title:	First National Convention of the Consumer Welfare Desk (CWD) Officers
	Type of Assistance:	Capacity-building
	Date/Venue:	22-23 June 2006
	Partner(s):	ERC, PHILRECA

In July 2005, the Consumer Welfare Development (CWD) Program was initiated, with the goal of raising the quality of customer service of distribution utilities in the electric power industry. The program, which was spearheaded by ERC and supported by ECAP, consisted of a string of trainings and workshops for Consumer Welfare Desk Officers of electric cooperatives and private utilities. This training series culminated in the 1st National CWD Officers Convention last June.

The Convention gathered 211 participants representing 113 distribution utilities across the country. The event was designed to affirm the participants in their roles as CWD Officers, help them adopt a positive attitude towards change and self-improvement, and allow them to demonstrate their commitment to effective consumer relations. It was also designed to be a venue for learning innovative and sustainable consumer relations strategies from other agencies / industries.

These objectives were achieved through the sharing of best practices in customer service by resource speakers from Jollibee Food Corporation (Chuck Reduta), MERALCO (Ruth David), Tollways Management Center (Benjie Suzara), and the National Consumer Affairs Council (Atty. Jaime Manuel). Providing inspiration and motivation through their insightful messages were main speakers, Dr. Onofre Pagsanjan and Mr. Rex Mendoza.

5	Title:	Development and Production of the Compendium on Energy Regulatory Issuances
	Type of Assistance:	IEC Material
	Date/Venue:	June 2006
	Partner(s):	ERC
	Subcontractor:	Artchives Graphics

Due to the fast pace of reforms in the electric power industry, keeping up with the large number of rules and guidelines being released has proven to be a challenge. As a response, ECAP and ERC put together a Compendium of Energy Regulatory Issuances, a collection of significant regulatory guidelines, policies, and rules signed, promulgated, and issued by the ERC from 2001 to 2005. These issuances were classified per sector (generation, transmission, distribution, supply, consumer affairs, and general application) for easy reference.

The compendium was launched formally on 22 June 2006, during the *1st National Convention of the CWD Officers*. Part of the launch was a ceremonial turn-over of a copy of the compendium by ERC Commissioner Oliver Butalid to DOE Secretary Raphael Lotilla, the convention’s keynote speaker.

1.2. EPIMB Capacity Development

1	Title:	Policy Advisory Support to DOE on the ER 1-94 “Grant of Various Benefits to Host Communities of Energy Projects”
	Type of Assistance:	Policy Assistance; Capacity-building
	Date/Venue:	January - June 2006
	Partner(s):	ERC
	Consultants:	Yolly M. Villasenor, Atty. Ana Leah Uy

The salient elements of granting various benefits to host communities of energy projects are contained in various legislative and executive issuances namely:

- Local Government Code, Chapter II, Sections 289 to 294;
- Republic Act No. 7638, Section 5(i)
- Department of the Interior and Local Government (DILG)-DOE Circulars No. 95-01 and 98-01 dated October 31, 1995 and September 30, 1998

The Republic Act No. 9136 otherwise known as the Electric Power Industry Reform Act of 2001 reiterated the government’s policy on grant of various benefits to host communities. Furthermore, Sec. 66 of R.A. 9136 provided that “all applicable orders and circulars consistent with this Act shall continue” and the DOE deemed it necessary to harmonize the various issuances and prepare a single document or manual that will serve as the bible for its implementation.

The DOE sought the assistance of the USAID to (i) consolidate and harmonize the various executive issuances and (ii) develop policies on critical implementation concerns of the Energy Regulations 1-94.

ECAP, through power reforms experts, Yolanda Villasenor & Atty. Ana Leah Uy, submitted to DOE the following initial outputs:

- Manual of Procedures for the Grant of Financial Benefits to Host Communities Pursuant to Rule 29 of the IRR of EPIRA and Other Related Laws
- Draft Department Administrative Orders – Instituting Amendments to Sec.1 of Rule 29 of the Implementing Rules and Regulations of RA 9136
- Draft Department Administrative Orders – Providing Guidelines of Settlement of Arrears with Respect to Benefits to Host Communities Pursuant to Rule 29 of the Implementing Rules and regulations of RA 9136

One of the needs that arose during the course of policy advisory assistance was a seminar-workshop on ER 1-94. This event was conceptualized with the goal of creating a common understanding among the program implementers from DOE and the Commission on Audit (COA), regarding the intention and implementation arrangements of ER 1-94. ECAP committed to support this activity scheduled in July 2006.

2	Title:	Seminar-Workshop on ER 1-94 “Grant of Various Benefits to Host Communities of Energy Projects”
	Type of Assistance:	Capacity-building
	Date/Venue:	17-18 July 2006
	Partner(s):	DOE-EPIMB
	Consultants:	Yolly M. Villasenor, Atty. Ana Leah Uy
	Subcontractor:	Ateneo School of Government (ASG)

To complement the policy advisory assistance being provided on ER 1-94, ECAP co-organized with the DOE-EPIMB a 2-day Seminar-Workshop on ER1-94. This seminar-workshop aimed to:

- To provide a venue for sharing and processing of relevant background information and insights on various legislative and executive issuances, including the EPIRA and its IRR, related to ER 1-94;
- To discuss key issues and reach a resolution on the DOE position. Example of the issues are (a) Exemption of self-generating facility, (b) Payment of arrearages of DUs, (c) Beneficiaries of Financial Benefits (e.g. Hydro-Power projects: issue on the headwaters), and (d) Allocation of financial benefits.
- To ensure that ER 1-94 team (EPIMB-REAMD, DOE-Internal Audit and COA) are presented with similar set of information to facilitate harmonized implementation of ER 1-94.

At the end of the seminar-workshop, the participants were able to provide their comments to ECAP consultants on the draft *Manual of Procedures* for ER 1-94. These comments will be used to finalize said document.

3	Title:	DOE-EPIMB Organizational Planning Workshop and Teambuilding
	Type of Assistance:	Capacity-building
	Date/Venue:	May 2006
	Partner(s):	ERC

A preparatory activity to a series of action and work planning sessions for the various divisions of the Bureau, this ECAP-facilitated Organizational Planning Workshop was held last 25-26 May 2006, at

the NPC Training Center in Bagac, Bataan. Forty (40) participants attended, coming from the three (3) divisions of EPIMB, namely the Power Planning Development Division, Power Market Development Division, and Rural Electrification Administration Management Division.

4	Title:	Policy Advisory Support to DOE on EPIRA Implementation
	Type of Assistance:	Policy Assistance
	Date/Venue:	June2006
	Partner(s):	DOE-EPIMB

Another area in which DOE needs policy advisory support is that of ERPIA implementation concerns, and at present, the area of contractual open access. The Philippine Senate has likewise prioritized the deliberations on the proposed amendments to EPIRA which is embodied in the Senate Committee Report for Senate Bill 2232.

As part of ECAP's assistance to the organization, the Project reviewed and submitted recommendations to DOE on various provisions of the bill. The more critical provisions include (i) conditions precedent to open access, (ii) qualifications on the pursuit of privatization of assets, and (iii) the timelines for various reforms.

1.3. ERC Organizational Development

1	Title:	Strategic Plan Development & Implementation Support for ERC
	Type of Assistance:	Capacity-building
	Date/Venue:	October – December 2005
	Partner(s):	ERC
	Subcontractor:	KPMG Laya Mananghaya

This TA was conducted in response to the request of ERC, initially through Commissioner Rauf Tan, as the oversight Commissioner for Strategic Planning. The headship of this program was eventually transferred to Commissioner Oliver Butalid, who provided fresh directions that steered the conduct of the TA in the succeeding months. Primarily, he proposed the Hoshin Kanri Planning Model for ERC's strategic planning exercise.

After securing the endorsement of the Commission on the proposed mobilization plan in September, ECAP, through its subcontractor, KPMG conducted, from November to December 2005, a series of vertical and horizontal focus-group discussions (FGDs) with the ERC directors and division chiefs and one-on-one interviews with selected individuals. These activities were designed to draw out the participants' views on ERC's SWOT particularly in the areas of: People, Organization, Culture, Strategy, Processes, Systems, Policies, Information, and Technology. The views were then validated in a consultation meeting with experts Dr. Michael Pitlock and Divina Chingcuanco of SEDP (December 19), Dr. Fernando Roxas, and Professor Rowaldo del Mundo (December 22).

This TA directly contributes to USAID's first expected result: Strategic plans developed and implemented.

2	Title:	ERC Hoshin Planning Workshops
	Type of Assistance:	Capacity-building
	Date/Venue:	January – February 2006
	Partner(s):	ERC
	Subcontractor:	KPMG Laya Mananghaya

After assessing ERC’s organizational strengths, weaknesses, opportunities and threats (SWOT), ECAP, through its subcontractor, KPMG Philippine Laya Mananghaya & Co., conducted a series of planning workshops within the months of January to February. Following the planning model of Hoshin Kanri, where the plan inputs are set at three (3) levels, the strategic planning workshops were held separately. This ensured focused participation and plan inputs. For this period, the workshops reached only the second level. Third level planning will be shepherded by the Service Directors after the commitment signing on March 31, 2006.

3	Title:	Regular Meetings with ERC Staff on Strategic Plan Implementation (with focus on Organizational Development)
	Type of Assistance:	Capacity-building
	Date/Venue:	April 2006
	Partner(s):	ERC

One crucial factor in the successful implementation of energy reforms is the presence of a stable and competent regulatory body. To contribute to this end as part of strengthening power sector governance, ECAP regularly held meetings with the Energy Regulatory Commission (ERC)’s Chief Operating Officer and staff to discuss, among other things, the formulation of an organizational development program. The creation of an OD Plan for ERC was one of the needs identified during their Strategic Planning.

Another aspect of the meetings was the group’s discussion on the progress of ERC’s strategic plan. ERC defined as one of its priorities the identification of the organization’s top performing and high potential employees. As its assistance to ERC’s plan implementation, ECAP agreed to help the service directors set criteria that will help them identify their top-guns and eventually maximize their potential as contributors to the organization.

4	Title:	Public Consultation on TransCo CAPEX Projects
	Type of Assistance:	IEC Activity
	Date/Venue:	8 December 2005
	Partner(s):	ERC, TRANSCO
	Subcontractor:	Events R Us

The ECAP provided events management and documentation support to the ERC-initiated *Public Consultation on Proposed TRANSCO CAPEX Projects 2006-2010: The Right Projects at the Right Time?*. Said public consultation provided a venue for the generation companies (GenCos) and large distribution utilities (DUs) to discuss with the National Transmission Corporation’s (TransCo) their concerns on TransCo’s capital expenditure (CAPEX) projects. In turn, all issues, concerns and clarifications raised in this event will assist the Regulatory Agency in evaluating the transmission wheeling rates filed by TransCo.

Two (2) public consultations were held: one for the Luzon and the other for Visayas and Mindanao. A total of 100 participants attended the event: 58 from Luzon and 42 from Visayas and Mindanao. TransCo served as the resource speaker for the event, while the ERC Commissioners moderated the discussion during the open forum.

Events management was provided by ECAP’s subcontractor, Events R’Us Company.

5	Title:	Power Stakeholder Consultation
	Type of Assistance:	IEC Activity
	Date/Venue:	6 February 2006
	Partner(s):	ERC
	Subcontractor:	Events R Us

An initiative of the ERC, this Consultation was held to provide a venue for the generation and distribution sectors to discuss with ERC their most pressing concerns on power reforms particularly, entering into transition supply contracts, establishment of the wholesale electricity spot market (WESM) and coming of open access and retail competition.

The consultation was held in two (2) sessions. A total of 35 participants from the distribution sector, including the National Electrification Administration (NEA), attended the morning session. There were 30 participants from the generation sector, including the National Power Corporation (NPC) and the Philippine Electricity Market Corporation (PEMC), who attended the afternoon session.

6	Title:	Organizational Development Coaching for ERC
	Type of Assistance:	Capacity-building
	Date/Venue:	April 2006
	Partner(s):	ERC

- **Orientation Meeting on Criteria Setting for Identifying ERC’s Top Performers and High Potentials.** Following the Project’s agreed assistance to ERC’s Planning Office, ECAP provided an orientation on the methodology of “Forced Ranking” as one of the many tools used for appraising employee performance. ECAP clarified that the assistance to the ERC’s seven (7) Service Directors (SDs) will be done through hand-holding coaching, guiding each SD through the each process, until they will be able to agree on a common set of criteria for the organization’s adoption.
- **One-on-One Sessions with Service Directors on Criteria Setting for Identifying ERC’s Top Performers and High Potentials.** A series of meetings with the Service Directors (SD) were conducted to discuss the results of the identification of ERC’s top performers, including the criteria used in doing so. ECAP met individually with each of the seven (7) SDs during sessions that were held in two batches. The sessions in April were conducted along with the Executive Director, while the sessions in May were with the SDs only. Mr. Bill Tucker, ADB Consultant on ERC Strategic Planning, was able to attend sessions with the directors of the Finance and Administrative, and Consumer Affairs Services.

Among the expressed issues or concerns of SDs regarding the identification of top performing staff were job fit, quality of work, and person-specific situations. Many expressed optimism in

coming up with a standard set of criteria, which would serve as the basis for selecting ERC's top performers and high potentials in the future. ECAP identified the necessity to integrate the results of the selection and the criteria cited by each director.

7	Title:	Training Workshop on Planning
	Type of Assistance:	Capacity-building
	Date/Venue:	19 May 2006
	Partner(s):	ERC
	Subcontractor:	KPMG Laya Mananghaya

To culminate ECAP's TA to ERC on Strategic Plan Development, a training workshop on the planning process was held for the organization's planning team by ECAP's subcontractor, the KPMG, to 17 ERC executives/officers composed of the Executive Director, the Service Directors and the Planning Coordinators.

After having been guided by ECAP throughout its strategic planning process, it was time for ERC to learn the practice themselves, in order for them to sustain the initiative. Thus, the goal of the Planning Workshop was to fully orient the ERC officials on the benefits of planning and to equip the participants with the processes and tools needed by an organization embarking on a planning journey.

8	Title:	ERC Leadership Training
	Type of Assistance:	Capacity-building
	Date/Venue:	18 August 2006 / Bancom Case Room, Asian Institute of Management, Makati City
	Partner(s):	ERC, AIM

ERC Leadership Training is an integral part of ECAP's assistance to ERC in implementing their 2006 Strategic Plan. The implementation phase addresses three (3) needs of the ERC: (1) Organizational Development, (2) Human Resource Development, and (3) Strategic Plan Annual Review. Under HRD, ECAP assisted the Planning Service in walking all services directors through the process of setting the criteria needed for identifying ERC's top performers and high potentials. ERC's recommended next step is the Leadership Training, which will attempt to address the organization's critical and long-term need for building leadership and management skills of its leaders/managers. In addition, said Training was designed to kick-off ERC's Leadership Enhancement Program that aims to:

1. Institutionalize best management practices;
2. Support initiatives of the service directors (SDs) and division chiefs (DCs) to apply lessons learned, and
3. Build and sustain enthusiasm of the SDs and DCs for initiatives that seek to strengthen their capabilities.

The Forum gathered the 33 participants, which included the top managers of ERC, specifically the Commissioners, Executive Director, Office of the General Counsel, the six (6) Service Directors, thirteen (13) Division Chiefs, two (2) Field Offices Directors, and two (2) planning staff. Motivating the participants through the "Servant Leadership" Theory are the following speakers: Dr. Federico Macaranas (AIM), Dr. Onofre Pagsanjan (ADDU), Dr. Antonio Laviña (ASG).

A significant outcome of this undertaking is the government-academia partnership being explored by AIM and ERC. This partnership will be forged through a Memorandum of Understanding (MOU), currently reviewed by the legal department of each party.

For ECAP, the Forum presented an opportunity to ensure the sustainability of ERC's program on institutional capacity building.

Leveraged amount.

ERC: P30,000 covering resource speakers and meals

AIM: P25,000 (approx) covering resource speaker, documentation, and facilitation

1.4. Power Tracker 2 Development

1	Title:	Power Tracker Module 1 Launch
	Type of Assistance:	IEC Activity
	Date/Venue:	5 December 2005
	Partner(s):	DOE-EPIMB
	Subcontractor:	UPNEC

USAID continues to provide TA to the Electric Power Industry Management Bureau (EPIMB) of the DOE in the development of the Power Tracker System – the EPIRA monitoring and evaluation system. Last 5 December 2005, as part of the National Energy Week 2005 celebration, ECAP provided assistance to the EPIMB in launching the Power Tracker (PT) Module 1.

The PT 1 launch was a culminating activity which celebrated the continuing partnership between DOE-EPIMB, USAID, and the UP National Engineering Center (UPNEC). ECAP provided technical, logistics, and communications advise in the conduct of the launch. Usec. Melinda Ocampo and Director Mylene Capongcol of EPIMB officially introduced the Power Tracker 1 website (<http://powertracker.doe.gov.ph>) to the public. The PT 1 was developed originally through the assistance from the USAID's past program, the Energy Environment Training Program (EETP).

Work stations were set up inside the DOE providing access to the PT 1 site. A Power Tracker brochure was developed and produced through assistance from ECAP.

2	Title:	Power Tracker II Development Updates
	Type of Assistance:	Capacity-building
	Date/Venue:	January – March 2006
	Partner(s):	DOE-EPIMB
	Subcontractor:	UPNEC

After launching the Power Tracker (PT) Module I in December 2005, DOE and USAID-ECAP commenced with the development of the second module of the PT. The UP National Engineering Center (UPNEC) was engaged for this task. The first output of the UPNEC Team is a comprehensive list of performance indicators for the PT II. These indicators were subjected to a series of

consultation meetings with attached energy agencies: ERC, NPC, PSALM, NEA, TransCo. The intent of the meetings was to finalize the indicators that would be measured by the PT II.

3	Title:	Power Tracker – Technical Working Group (PT-TWG) Coordination Meeting
	Type of Assistance:	Capacity-building
	Date/Venue:	April 2006
	Partner(s):	DOE-EPIMB
	Subcontractor:	UPNEC

ECAP, through its sub-contractor, the UP-National Engineering Center, conducted surveys and meetings with representatives from agency members of the PT – TWG, to develop profiles of their IT capabilities and the type of energy information that they managed. These inputs were relevant in the design of the PT II system, a second phase to the first PT system (i.e., PT I), which was developed under the USAID-Energy and Environment Training Program.

A PT-TWG coordination meeting was held following this, to present the results of the meetings and surveys conducted by UP-NEC, and to discuss implementation concerns. The next step identified was for the UP – NEC to continue with the design of the PT II.

In addition, ECAP facilitated a partnership between the ERC and the FEU-East Asia Colleges (Engineering and Computer Science) to provide interns for ERC’s various IT manpower requirements. A Memorandum of Agreement was executed for the said collaboration.

1.5. EPPB Capacity Development

1	Title:	Logical Framework Analysis Preparatory Workshops
	Type of Assistance:	Capacity-building
	Date/Venue:	March - April 2006
	Partner(s):	DOE-EPPB

ECAP supported the recent efforts of the DOE Assistant Secretary Dato and the Energy Planning and Policy Bureau (EPPB) in improving its current energy planning process. Specifically, the EPPB has initiated the following: 1) creation of a technical working group (TWG) composed of planners and/or technical staff from the different sub-sectors in the DOE (EPIMB, EUMB, OIMB, NGO, IPO, ERTLS, ITMS); and 2) promotion of the logical framework as a major tool in planning.

The Project rolled-out its assistance to the EPPB in March 2006 by conducting weekly pre-planning workshops with the Bureau staff. Three (3) mini-workshops were conducted by Mr. Ray Goco, ECAP Chief of Party with focus on the following topics/discussions: Energy Planning Process (March 1), Outputs (March 20), and Outcomes Part 1 (March 27).

These mini-workshops are conducted in an informal classroom-type, participatory setting. The intent of these mini-workshops is to prepare the Bureau staff for a comprehensive 5-day training-workshop

on logical framework analysis in April 2006. Following this training, regular workshops with the EPPB staff and the PEP TWG will still be conducted as a continuing assistance of ECAP in the improving the planning process and in preparing the PEP 2006-2014.

2	Title:	Training-Workshop on the Logical Framework Approach
	Type of Assistance:	Capacity-building
	Date/Venue:	24-28 April 2006
	Partner(s):	DOE-EPPB
	Consultants:	Ricaflor Salonga, Mila Pasco

A revised Philippine Energy Planning process flow was the outcome of the training course on the Logical Framework Approach (LFA), undertaken by members of the DOE-EPPB and the PEP-TWG. With the support of ECAP, 37 participants from different DOE bureaus and service offices gathered at the NPC Training Center in Bagac, Bataan for this 5-day workshop. The training participants were introduced to the process of LFA and to the tools and techniques of the approach, which they applied using four (4) policy case studies: Energy Efficiency, Renewable Energy, Alternative Fuels, and Rural Electrification. At present, the LFA process that was customized is being implemented by the DOE in developing their 2006 Philippine Energy Plan (PEP) update.

Strategy 2: Promoting Indigenous Energy Sources

2.1. Natural Gas Industry Development

1	Title:	Development of the Natural Gas Industry
	Type of Assistance:	Policy Assistance
	Date/Venue:	October – December 2005
	Partner(s):	DOE-NGO

Following the recommendations of the forum on the natural gas industry, spearheaded by the Ateneo School of Government in September, the ECAP provided technical advisory support to the DOE – Natural Gas Office in developing a policy paper which will seen to address the issues raised during the forum.

ECAP consultants, Drs. Flordeliza Andres and Peter Lee U collaborated on preparing a draft of the natural gas policy paper outlining a framework for the Philippine natural gas industry, including the following:

- Background on industry fundamentals and global gas supply and demand trends
- Current industry situation including policies and regulations
- Investment issues
- Proposed policy and program additions and enhancements.

2.2. RE Industry Development

1	Title:	Renewable Energy Study Tour
	Type of Assistance:	Capacity-building
	Date/Venue:	4 November 2005 / California, USA
	Partner(s):	UNDP-CBRED, House of Representatives

The ECAP extended advisory support in developing the itinerary of the study tour for Philippine delegation, which was conducted on October 27 – November 4, 2005 in the state of California. This technical assistance was provided to respond to the DOE's request in increasing knowledge and understanding on current and emerging RE technologies and implementing mechanisms for the benefit of legislators and DOE officials, who are actively involved in the deliberation and passage of the Renewable Energy (RE) Policy Framework. It was a joint undertaking of the USAID-ECAP and the UNDP-DOE Capacity Building to Remove Barriers to Renewable Energy Development in the Philippines (CBRED) Project.

The study tour brought all eight (8) participants (including 1 representative each from ECAP and USAID) to solar, wind and biomass facilities. It also included consultation meetings with US government officials, legislators and the California Energy Commission that enabled the Philippine delegation to discuss issues, concerns, and opportunities related to RE technical, policy and regulatory areas.

ECAP's subcontractor, the Academy for Educational Development (AED), helped in developing the itinerary, while a private sector partner, the Asera Group, provided voluntary assistance in organizing meetings in California.

2	Title:	30th National Assembly of the League of Vice-Governors of the Philippines
	Type of Assistance:	IEC Activity
	Date/Venue:	28 April 2006
	Partner(s):	DOE-EUMB, League of Vice Governors of the Philippines

As part of promoting sustainable partnerships between organizations, ECAP linked the DOE with the League of Vice-Governors of the Philippines (LVGP) during the 30th National Assembly of the LVGP last 28 April 2006. Dir. Mario Marasigan of DOE-EUMB spoke on Renewable Energy in the Rural Areas, with ECAP facilitating his participation in said event.

3	Title:	RE Exhibit the Passing of RE Bill at Lower House <i>(Joint Project of USAID-ECAP, AMORE, SEDP, KLIMA-MO, & WWF)</i>
	Type of Assistance:	Collaborative IEC Activity
	Date/Venue:	15-18 May 2006
	Partner(s):	AMORE, SEDP, KLIMA-MO, WWF

A four-day exhibit entitled "Climate Change and Renewable Energy: Synergies for Development" was held at the South Wing Lobby of the House of Representatives to further promote renewable energy and the passing of the RE Bill in the Lower House. The display featured an array of booths providing

information on Renewable Energy options for the Philippines, and ended with a special booth promoting a signature campaign in support of the RE Bill.

The opening ceremony featured speakers from Congress, the Department of Energy, the RE Coalition and academia, who talked about updates on Renewable Energy, and its importance to our environment and to our country’s development. Discussions on this topic were given by Atty Angela Ibay of KLIMA and Prof. Cielito Habito of WWF-Philippines. Updates on Renewable Energy and Biofuels were also given, by government officials led by Hon. Alipio Badelles, Hon. Constantino Jaraula, DOE Undersecretary Peter Abaya and Hon. Juan Miguel Zubiri.

4	Title:	31st National Assembly of the League of Vice-Governors of the Philippines
	Type of Assistance:	IEC Activity
	Date/Venue:	13 July 2006 / Panglao, Bohol
	Partner(s):	DOE-EUMB, League of Vice Governors of the Philippines

The USAID Office on Energy and Environment, through its projects the Energy and Clean Air Project (ECAP), partnered with the League of Vice Governors of the Philippines (LVGP) to present to them renewable energy options for local communities during a special round table discussion session coinciding with the LVGP’s 31st Assembly in Bohol Beach Club, Bohol last July 13, 2006.

The USAID-ECAP brought along Director Mario Marasigan of the Department of Energy’s Energy Utilizations and Management Bureau (DOE-EUMB) to present to the panel of vice governors possible small scale renewable energy options for their localities, as well as the procedures in conducting feasibility studies and gaining assistance and grants for renewable energy projects. The round table discussions were facilitated by the USAID-ECAP’s consultant for local governments former Mayor Pat Gutierrez, who also provided funding possibilities for the renewable energy projects.

The discussions proved to be very lively and promising with the vice governors asking specifics on the various renewable energy technologies as well as other up and coming alternative fuel possibilities like Jathropa and Sweet Sorghum. The panel also reiterated the proposal for the creation of a Memorandum of Understanding between the LVGP and DOE, to further facilitate the studying and consequent establishment of renewable energy facilities within their localities.

5	Title:	“Energy in the City: A Roundtable Discussion” in Quezon City
	Type of Assistance:	IEC Activity
	Date/Venue:	28 July 2006 / Quezon City Hall
	Partner(s):	DOE-EUMB, Liga ng mga Barangay ng Quezon City
	Subcontractor:	Ateneo School of Government

As a sub-activity of the communication initiative, *Mobilizing Local Government Support for Energy & Clean Air*, ECAP & the Liga ng mga Barangay ng Quezon conducted a roundtable discussion to talk about renewable energy (RE) applications in Quezon City. The City has a very high interest in developing and implementing a small-scale RE project to provide them with electric power. Representatives from the DOE-EUMB Renewable Energy Management Division (REMD) presented different RE technology options that are applicable for use in the urban-setting. Among the

technologies and concepts presented were use of solar energy and photovoltaic cells to street lighting and powering small classroom-type of facilities in the barangays.

As a next step, the *Liga* will initiate further discussion on RE applications, leading towards the drafting of an ordinance to put up a small RE facility. ECAP is in continuous coordination with the *Liga* and the Mayor’s office for the way forward in this initiative.

6	Title:	Renewable Energy Forum – Davao City
	Type of Assistance:	Coalition-building; IEC Activity
	Date/Venue:	20 September 2006 / Ateneo de Davao University
	Subcontractor:	Ateneo de Davao University

The Forum gathered in one venue various stakeholder representatives primarily to discuss local issues and concerns on renewable energy applications, particularly micro-hydro facilities. The morning session focused on sharing national, local, and private sector plans, updates, and experiences on RE. In the workshop held in the afternoon, the participants focused on:

- (a) Conducting rapid assessment of the RE sector’s strengths, weaknesses, opportunities and threats (SWOT);
- (b) Identifying issues and concerns;
- (c) Formulating strategies for the resolution of identified issues and concerns
- (d) Organizing a coalition and identifying its core members, including the members’ roles and responsibilities;
- (e) Drawing out areas of cooperation; and
- (f) Pledging the members’ commitment to forward the ideals of the Coalition

By the end of the activity, the participants formed themselves into a coalition named, Coalition of Renewable Energy for Economic Development (CREED). The core members include:

- LGU: Davao Energy Alternative for Green Living and Economic Sustainability (Davao EAGLES)
- NGO: YAMOG Renewable Energy, Inc.
- NG: Mindanao Land Foundation, Inc. (Minland – General Santos City)
- NGO: Davao Province Rural Development Institute (DPRDDI – Tagum)
- Academe: Cor Jesu College – Digos
- Academe: Ateneo de Davao University - Energy Alternative Group (ADDU-EAD)
- GRP- Department of Science and Technology (DOST – Davao)
- Private – Philippine Institute of Chemical Engineers (PICHE)
- Couples for Christ

The Coalition will conduct follow-on meetings to discuss specific action plans.

Strategy 3: Promoting Energy Efficiency & Conservation

1	Title:	Efficient Lighting & Lamp Waste Management US Study Tour
	Type of Assistance:	IEC Activity
	Date/Venue:	25 March – 9 April 2006 / USA
	Partner(s):	UNDP-PELMATP

ECAP co-organized with the UNDP/GEF-assisted Philippine Efficient Lighting Market Transformation Project (PELMATP) a study tour to the USA on *Efficient Lighting and Lamp Waste Management*. The main objective of the study tour was to provide first-hand information to high level technical officials from the Philippine government, mainly the DOE and the DENR, on US programs and activities on energy efficient lighting market transformation as well as lamp waste management. There were a total of three (3) participants from the Philippine government:

1. Ms. Raquel S. Huliganga, Director, Energy Research and Testing Laboratory Services, DOE
2. Ms. Mirna R. Campañano, Division Chief, Lighting and Appliance Testing Laboratory, DOE
3. Ms. Ella S. Deocadiz, Chief, Research and Development Division, Environmental Management Bureau, DENR

The study tour consisted of meetings with federal and state agencies and private organizations, visit to an ESCO project, to testing laboratories, lighting applications demo project, a lamp waste recycling plant and a waste exposition. It was capped by an action planning meeting where the group agreed on the following areas possible cooperation with ECAP:

- Strategy and approach for developing a “System Benefit Change” type program for the Philippines. This would include a detailed paper, options, and measurement of benefits and operational considerations.
- Market transformation approaches – Monitoring and verification for the PELMATP program.
- International comparisons of DSM approaches.

Strategy 4: Communicating Energy Reforms

4.1. Media Capacity Building

1	Title:	Media Study Tour for Energy Beat Reporters
	Type of Assistance:	IEC Activity
	Date/Venue:	5-8 April 2006
	Partner(s):	Energy Beat Reporters, Pilipinas Shell, Mirant Philippines

The study tour provided the Energy Beat Reporters exposure to Power, Oil and Gas Markets, and Media Operations, in various institutions and establishments in Singapore. Its intent was to increase the energy beat reporters’ knowledge and understanding on the sector’s pricing issues and concerns, as well as on the development, guidelines, systems of and the current environment for electricity spot markets, oil and gas markets, and regional counterparts of local private energy sector organizations.

The study tour, which was put together by ECAP, in cooperation with private energy-related organizations and Ms. Myrna Velasco of the Energy Beat Reporters, included meetings with and visits to the facilities of companies, both private and government-owned. Among those visited were Singapore Press Holdings, the National Electricity Market of Singapore (NEMS), Platts Energy Trading Office, the Chevron gasoline station and lubes facility, and the Singapore Shell oil refinery. The participants also met up with their Singaporean media counterparts and had a fruitful exchange of knowledge and insights on reporting the energy sector.

4.2. Private Partnerships for Energy Reforms

1	Title:	Forum on Empowering Energy Advocates
	Type of Assistance:	IEC Activity
	Date/Venue:	3 October 2006
	Partner(s):	DOE-CWPO
	Subcontractor:	Academy for Educational Development

In line with Customer Welfare Month, the Customer Welfare and Promotions Office (CWPO) of the DOE conducted a forum entitled “Forum on Empowering Energy Advocates” at the DOE AVR last October 3, 2006. This half-day affair brought together a good number of energy stakeholders to participate and discuss in emerging trends and technologies in the power sector, such as Time of Use and its complementing technologies. Also present was Mary Worzala of AED Washington, who gave a presentation on Market Transformation Programs for Energy Efficiency. The forum was capped with the ceremonial signing of a pledge card, for energy advocates to push, pursue and support improvements and actions for the betterment of our energy sector.

2	Title:	Power Sector Information Drive – “First Spark: Understanding Power Sector Developments & Reforms” in Mindanao
	Type of Assistance:	Capacity-building, IEC Activity
	Date/Venue:	Davao: 6-7 October 2005, Davao City Iligan: 29-30 November 2005, Iligan City
	Partner(s):	DOE-EPIMB
	Subcontractor:	Ateneo de Davao University PAO

DOE’s Power Sector Information Drive was brought to Mindanao during this period. ECAP continued to support this initiative with the aim of creating a more participatory environment for the stakeholders in implementing power sector reforms. This communication initiative was entitled, “*First Spark: Understanding Power Sector Development & Reforms*” embarked on its Mindanao leg, visiting Davao City and Iligan City.

ECAP provided assistance in the design of the information drive, as well as logistics support in the form of overall events organization, documentation, and communications assistance. Dr. Fernando Y. Roxas, Power Sector Expert was also engaged as resource person on the subject of “Bilateral Supply Contracting.”

A total of 189 participants were gathered in the Mindanao leg of the information drive.

3	Title:	Institute of Integrated Electrical Engineers (IIEE) “Power Forum”
	Type of Assistance:	Capacity-building, IEC Activity
	Date/Venue:	23-25 November 2005
	Partner(s):	Institute of Integrated Electric Engineers (IIEE)

In line with the Institute of Integrated Electrical Engineer of the Philippines Inc.'s (IIEE) 30th National Convention, the USAID-ECAP in cooperation with the IIEE held a Power Forum at the PICC last November 23-25, 2005. The opening ceremonies involved no less than DOE Secretary Popo Lotilla and USAID Charge' d' Affaires, John Lindborg in the ribbon cutting ceremonies and signing of an Memorandum of Agreement with the IIEE, solidifying further the IIEE's thrust to help in providing the nation enlightenment and knowledge on current trends and technologies in the electric power sector. The first day of the Power Forum served as an IEC engagement with no less than various officials of the different Energy Family agencies providing updates and information on the current undertakings in the energy sector. The second day was a continuation of the IEC endeavor, this time featuring other power sector personalities, both private and public. The third day served as an introduction to the IIEE's training plans for 2006. The event was attended by more than 400 of the IIEE's national members for the first two days (tailored after the First Spark series of Information Drives), and more than 200 of its regional leaders in the third.

4	Title:	Roundtable Discussion on "How To Make EPIRA Work"
	Type of Assistance:	IEC Activity
	Date/Venue:	30 November 2005
	Partner(s):	Philippine Chamber of Commerce & Industry

The Philippine Chamber of Commerce and Industry (PCCI), with the cooperation of USAID-ECAP and its Metro Manila PAO Ateneo School of Governance (ASG), held a round table discussion titled "How To Make EPIRA Work For The Economy" last November 30 at the Ateneo Professional Schools campus in Rockwell, Makati. This forum brought 20 businessmen representing industries, chambers of commerce, financial agencies and the technical staff of the USAID and DOE. The round table discussion involved identifying ways on how the private sector could resolve issues arising from the stunted implementation of the EPIRA. Also in attendance were Dr. Fernando Roxas, Dr. Cayetano Paderanga and Dr. Francisco Viray, who each presented topics regarding EPIRA implementation. The consensus afterwards was that people in the business sector were looking more options for large customers with DUs, the integration of industry objectives with EPIRA objectives, and for certainty – in the timelines of implementation, in the processing of contracts, and in the legalities imposed regarding the EPIRA.

5	Title:	Power Awareness Seminar and Power Reform Workshop
	Type of Assistance:	IEC Activity
	Date/Venue:	27 April 2006
	Partner(s):	Institute of Integrated Electric Engineers (IIEE)

To support DOE's information, education, and communications campaign, a Power Awareness Seminar and Power Reform Workshop was held last 27 April 2006 in La Union. This was organized by ECAP in partnership with the DOE and the Integrated Institute of Electrical Engineers (IIEE). The forum, which is an offshoot of a partnership agreement between DOE and the IIEE, coincided with the latter's Region II Chapter's Regional Conference and aimed to expand the awareness of Northern Luzon stakeholders on the power reform process.

6	Title:	Mini RTD Series on “How to Make EPIRA Work for the Economy”: RTD # 1
	Type of Assistance:	IEC Activity
	Date/Venue:	5 May 2006
	Partner(s):	Philippine Chamber of Commerce & Industry
	Subcontractor:	Ateneo School of Government

As a follow-through to the major roundtable discussion (RTD) on “How to Make EPIRA Work for the Economy” held last November 2005, a series of mini-RTDs was started to echo the proceedings of the major one, and to further discuss issues on EPIRA.

The first mini-RTD was held on May 5 at the PCCI Boardroom, wherein the subjects of Time-of-Use and TRANSCO rates were among those discussed. This activity generated promising action steps from the PCCI Board in addressing the EPIRA concerns raised. More mini-RTDs have been lined up, involving pertinent representatives of the business and industry sector. These are seen to eventually lead to a 2nd major roundtable discussion, wherein the proceedings from the mini-RTD series will be elevated to government representatives from the energy sector.

7	Title:	Stanford Professor on Energy Presents to Philippine Power Sector Stakeholders
	Type of Assistance:	IEC Activity
	Date/Venue:	26 May 2006
	Partner(s):	Asian Institute of Management

The Philippine Power Sector gained new insights from renowned Stanford Professor David Victor during the forum “**The Future of Power Industry Reforms: International Experiences and Lessons for the Philippines**” held in the Rizal C Ballroom of the Makati Shangri-La Hotel last May 26, 2006.

Before an audience of power sector stakeholders including several high-ranking officials, Professor Victor presented his findings on the experiences of various developing countries’ regarding power sector reforms. His discussions on how Independent Power Producers (IPPs) have been used worldwide to forestall power crises, how energy reforms in developing countries did not roll out as expected, how market reforms tended to create weak links and how the regulatory body’s independence was essential, led the panelists and participants to a lively exchange of ideas.

Department of Energy (DOE) Secretary Raphael Lotilla also graced the occasion. He gave reactions to Professor Victor’s talk and presented awards to energy beat reporters for their articles on the recently-held Singapore Study Tour for Energy Beat Reporters.

8	Title:	Mini RTD Series on “How to Make EPIRA Work for the Economy”: RTD # 2
	Type of Assistance:	IEC Activity
	Date/Venue:	12 July 2006
	Partner(s):	Philippine Chamber of Commerce & Industry
	Subcontractor:	Ateneo School of Government

As a follow-through to the major round table discussion on “How to Make EPIRA Work for the Economy” held last November 2005, the USAID-ECAP, still in partnership with the Philippine Chamber of Commerce and Industry (PCCI) as well as the Ateneo School of Government (ASG) started holding mini-RTDs last May 5 to further disseminate the proceedings during the first major RTD, as well as to discuss other emerging issues on EPIRA.

The second mini-RTD was consequently held last July 12 at the Ateneo Professional Schools Complex and gathered decision-makers of some organizations related to the manufacturers, who use at least 1 MWh of power to discuss recent developments from the EPIRA, specifically Demand Side Management, Open Access, and Time of Use to name a few. This aimed to impart to these decision-makers a) on the updates of EPIRA as of now and how they are affected, and b) that a paradigm shift involving big power consumers becoming more proactive in dealing with power must be attained. Like the first mini-RTD, this second pass generated positive remarks from the audiences as well as courses of action to address the concerns raised.

This leg of mini-RTDs will continue on with a few more mini-RTDs with pertinent representatives of the business and industry sector, and will eventually lead on to the second major RTD, wherein the discussions from the first and the mini RTD series will be brought up to the government representatives of the energy sector, as well as other related presentations.

9	Title:	Forum on “Will There Be A Power Crisis in Mindanao?”
	Type of Assistance:	IEC Activity
	Date/Venue:	16 September 2006 / Xavier University, Cagayan de Oro City
	Partner(s):	Xavier University, Philippine Economic Society
	Subcontractor:	Ateneo de Davao University

ECAP partnered with the Philippine Economic Society (PES) and Xavier University in the conduct of the forum on “Will There Be a Power Crisis in Mindanao?” The forum looked at the issue of a looming power crisis in some parts of the country, particularly in Mindanao, from an economic perspective. It gathered representatives from the business, academic, and consumer sector of Cagayan de Oro and provided a venue for these participants to listen to the presentations of the Cagayan Electric Light and Power Company (CEPALCO) and former National Power Corporation President Mr. Guido Delgado.

This forum is just an initial collaboration between PES and ECAP. ECAP aims to facilitate a partnership between PES and the DOE to discuss issues related to power reforms. ECAP Davao PAO Ateneo de Davao University (ADDU) will also use this forum to jumpstart a Mindanao-wide information, education, and communication (IEC) effort on the issue of a pending power crisis in the region.

Clean Air Component

Strategy 1: Strengthen the Motor Vehicle Inspection & Maintenance System

1	Title:	Improving the Emission Standards for Motorcycles and Motor Vehicles
	Type of Assistance:	Advisory assistance
	Date/Venue:	October – December 2005
	Partner(s):	DENR-EMB
	Consultants	Dr. Donato de la Cruz, Mr. Chris Weaver

ECAP is regularly providing technical advise to the DENR-EMB on the development of emission standards for: a) Carbon Monoxide and Hydro Carbon Emission Standards for Motorcycles and Tricycles; and b) Motor Vehicles equipped with Spark Ignition (Gasoline) and Compression Ignition (Diesel) Engines, through participation in various stakeholder consultation and Technical Working Group meeting. ECAP through Mr. Chris Weaver and Dr. Donato Dela Cruz also provided policy advice on the two proposed Department Administrative Orders circulated by DENR for comments. The setting of the new standards is in compliance with the CAA requiring the review of emission standards after 2 years o the Act implementation and to prepare the adoption of EURO II and EURO III standards to further reduce emissions from motor vehicles and motorcycles.

2	Title:	Forum on Clean Transport Systems
	Type of Assistance:	IEC Activity
	Date/Venue:	8 December 2005
	Partner(s):	DENR-EMB
	Consultants:	Dr. Donato de la Cruz, Mr. Chris Weaver

ECAP attended the DENR-EMB organized workshop as part of our commitment to serve as technical advisor in the revision of the CAA standards on emissions testing procedures. The workshop intended to address the issues and concerns surrounding the migration of Philippine standards from EURO I to EURO II. Others present in the workshop were DTI, DOST, DOTC, Automotive Manufacturers of the Phil, Truck Manufacturer's Association, FEJODAP.

3	Title:	USAEP Clean Air Best Practices Seminar
	Type of Assistance:	Capacity Building
	Date/Venue:	15 December 2005
	Partner(s):	USAEP

ECAP has committed to sponsor its local partners participation in the seminar, which aims to disseminate best practices and lessons learned from the USAEP. ECAP has invited & will sponsor its LGU and PAO coordinators from all project sites and has also invited some members from the Association of Metro Manila Anti-Smoke belching units.

4	Title:	Adoption of SAE J1667 for Motor Vehicles Emissions Testing Procedures
	Type of Assistance:	Advisory Assistance
	Date/Venue:	7 December 2005
	Partner(s):	DENR-EMB

ECAP sent a letter of request to Usec. Ramon Paje of the DENR citing our evaluation of SAE J1667 and our recommendation to adopt it as part of the revised standards for emissions testing. In addition to the technical merits of SAE J1667, adoption of the standards is also critical to our technical assistance for the anti-smoke belching campaign. With current use of EURO standards, USAID-ECAP may not be able to acquire emissions testing training equipment, given our constraint to purchase only American-made products.

5	Title:	ECAP Clean Air High Level Advisory Committee Meeting
	Type of Assistance:	Advisory Assistance; Program Management
	Date/Venue:	20 January 2006
	Partner(s):	CA High Level Advisory Committee

The Clean Air High Level Advisory Committee members led by Undersecretary Guillermo Balce of DOE unanimously approved the ECAP Clean Air year-2 and LOP Work Plan during its last quarterly meeting facilitated by the USAID through ECAP. The approved CA Work Plan tightens the ECAP's technical assistance focusing only those that have direct contribution to the reduction of vehicle emissions. Government responses to some operational and policy concerns of the national and local government like: financial difficulties of local government units (LGUs) to support their local clean air initiatives as well as the proliferation of "PETC's non-appearance operation" were offered through the crafting of a harmonized Anti-smoke Belching Ordinance for LGU and DOTC's proposed PETC Interconnectivity Program. The ASB Ordinance is expected to promote a strengthened local governance capacity for clean air reforms by allowing LGUs to collect fines and penalties from apprehended smoke belching vehicles in their jurisdiction, while the proposed PETC interconnectivity should be able to address the credibility problem of some PETCs through the installation of tamper-proof electronic processing system.

Responding to environmental challenges in the energy sector, DOE highlighted the milestones of the country's energy independence and fuel diversification efforts through the utilization of alternative fuels. Likewise, the report on improving status of air quality in metro cities like Baguio, Cebu, Davao, and Metro Manila indicated progressing scorecard of the GRP in its effort to clean the air. Conclusively, DENR impressed that while the country's air quality is improving, it is still below standard.

The meeting was well represented by CAA-implementing agencies namely DOTC, DOE, LTO, DENR, DTI, and the Land Transportation Franchising and Regulatory Board (LTFRB). A total of 22 participants attended the event including USAID and its cooperators ECAP and SEDP.

6	Title:	Field Visit to Air Quality Monitoring Stations in Clark, Valenzuela, and Ateneo (Quezon City)
	Type of Assistance:	Capacity-building
	Date/Venue:	April 2006
	Partner(s):	CA High Level Advisory Committee

The goals of this field trip were to educate ECAP’s partner LGUs in Metro Manila, particularly Quezon City and Makati, on the different types of air quality monitoring equipment, compare its cost effectiveness, the kinds and quality of data generated, and the attendant maintenance costs. Dr. Emmanuel Anglo, ECAP’s Air Quality Consultant led the field trip orientation. Makati City has plans of initiating its own air quality monitoring system to complement the city’s environmental management program. Observations from the field tour were eventually incorporated in a technical report prepared by Dr. Anglo on the country’s air quality monitoring system.

7	Title:	Earth Day Celebration in Makati City
	Type of Assistance:	IEC Activity
	Date/Venue:	19 April 2006
	Partner(s):	City of Makati

In a show of support to the local government of Makati’s drive toward reducing vehicle emissions, the USAID-ECAP participated in a ceremony marked by the turn over of hand tools for roadside vehicle emission inspection to City Administrator Nicanor Santiago. Presenting the Technical Assistance package to the City of Makati was Mr. Daniel Moore, Chief of the USAID Office of Energy and Environment.

The Technical Assistance package was meant to provide technical advice on the development of local laws and to improve the capacity of the City’s roadside apprehending teams in their anti-smoke belching campaign. It likewise sought to enhance the vehicle emission control policies and programs, and to strengthen the practice of good governance principles while developing the Public Utility Vehicle Transport Groups’ capacity to comply with emission standards prescribed in the Philippine Clean Air Act.

8	Title:	Baseline Emissions Testing – Cebu City
	Type of Assistance:	Capacity-building
	Date/Venue:	19 August 2006
	Subcontractor:	University of San Carlos, LTO, DENR-EMB, ANEC

USC-PAO held a baseline emissions testing wherein 30 jeepneys were taken as samples. This was organized by the PAO together with LTO, EMB, ANEC, CITOM, VUDRASCO and CITRASCO.

9	Title:	WP 29 Roundtable Discussion
	Type of Assistance:	Capacity Building
	Date/Venue:	21-22 August 2006
	Partner:	Land Transportation Office (LTO)

In preparation for the full implementation of the motor vehicle inspection system in the country, a two-day roundtable discussion headed by Asst. Secretary Anneli Lontoc of LTO was conducted for the concerned agencies like LTO, DTI, DENR, DOE to agree on the engine standards responsive to environmental protection and safety that should be negotiated at the ASEAN level.

10	Title:	Mandaue Business Forum RE: BRT
	Type of Assistance:	IEC Activity
	Date/Venue:	22 August 2006
	Partner	Metro Cebu Business Sector

An annual forum for Metro Cebu Business sector was conducted. ECAP made a brief presentation on Bus Rapid Transit (BRT) during the Forum to build local stakeholders appreciation about BRT as another clean transport technology option to reduce vehicle emissions in Metro Cebu urban centers.

11	Title:	1st Technical Working Group Meeting on the Implementation of the Feasibility study on Bus Rapid Transit
	Type of Assistance:	Policy Assistance
	Date/Venue:	20 September 2006
	Subcontractor:	UP- NCTS

The 1st BRT Technical Working Group Meeting was convened and attended by 25 participants representing DOTC, LTO, DILG, academe, private sector to discuss and agree the elements of the scope of work for UP-NCTS as ECAP's subcontractor to conduct the Pre-FS on BRT. The Pre-FS Study Report shall then be the basis for the government in determining BRT potential Metro Manila sites and the viability of the BRT investments for transport.

12	Title:	Workshop on MVIS Plan
	Type of Assistance:	Policy Assistance
	Date/Venue:	26 September 2006
	Partners	DOTC, LTO
	Consultant:	Mr. Chris Weaver

Engr. Chris Wearver had the opportunity to meet the MVIS TWG last 26 September 2006 together with DOTC Asec. Regie Velasco and LTO Asec. Anneli Lontoc. The major agendum in the meeting is the draft Terms of Reference for the Motor Vehicle Inspection System. It was an unstructured discussion where Engr. Weaver asks questions on the details of the TOR and the TWG answers back. Among the highlights include:

- the proposed schedule for MVIS expansion and rehabilitation is no longer followed but the TWG said that they can have simultaneous implementation whenever the budget (already approved) will be released;
- target for 2006 is the rehabilitation of three (3) existing MVIS facilities in Luzon and the construction of three (3) MVIS building in Cebu, Region 3 and Region 4.
- There are four major activities in this expansion and rehabilitation of the MVIS: a) purchase of equipment; b) purchase of land if necessary; c) construction of building; d) recruitment of personnel
- the minimum requirement for an MVIS facility is at least one (1) hectare of land area and located near the national road not necessarily in the business district;
- purchase of land is based on market-value and not on expropriation;
- there is already an architect's plan of the MVIS building that shall be presented to the ECAP consultants for comments.
- there shall be a one-time bidding in the development of this National MVIS and only one contractor shall be granted the project who will cover all the construction of the facility, equipment procurement (both hardware and software), training and development of personnel;

Engr. Weaver also presented the case study of the Emission Testing Center in Mexico City emphasizing its characteristics, infrastructure, information system and procedure. The TWG commented that they have considered all the specifications detailed in Engr. Weaver's presentation but sought more best practices for not just emission testing but a comprehensive MVIS to include also road safety and road worthiness. The body cited AO 91-0005 highlighting items to be inspected in the Philippine MVIS.

The following day, 27 September 2006, Engr. Weaver met with the TWG headed by Engr. Joel Donato of LTO-MVIS to present his preliminary recommendations and solicit the comments of the body. Among the items he critically suggested the body:

- implement the new MVIS first in San Fernando City and sort out the issues that will crop up before proceeding with the other facilities;
- package-deal with sole contractor in developing MVIS, to consider 5-7 year useful life of equipment and provisions for maintenance and upgrading;
- extended operating hours of the MVIS;
- one-stop MVIS and registration;
- steady-state chassis dynamometer emission test combining with speedometer check, as well as horn noise, exhaust noise and axle weight measurements;
- pre-screening of vehicles in forecourt to reject those unsafe for test;
- all equipment and computer system should be new and not rehabilitated;
- continuous video surveillance; and,
- ten-stage vehicle inspection with specific design/lay-out.

Strategy 2: Strengthening local governance & improving the effectiveness of roadside apprehension of smoke belching vehicles

1	Title:	Association of Metro Manila Anti-Smoke Belching Units (AMMA) Strategic & Action Planning Workshop
	Type of Assistance:	Capacity-building
	Date/Venue:	20-21 October 2005
	Partner(s):	Association of MM Anti-Smoke Belching Units

A two-day workshop to craft the “AMMA Roadmap” was supported by ECAP to facilitate AMMA’s vision, mission and strategies for improving ASB operations in MM. Key output of the workshop was to develop a Five-Year Action Plan for Metro Manila Anti-Smoke Belching Activities.

The event was attended by 40 participants from AMMA members and Heads of Environmental Offices from 15 Metro Manila LGUs. Towards the end of the day-2 session, 15 specific actions focusing on capacity building, information campaign, and strengthening existing LGU clean air policies were developed for immediate implementation. The event was culminated with the signing of a “Commitment for Clean Air in MM.”

2	Title:	Seminar-Workshop on Roadside Apprehension Procedure
	Type of Assistance:	Capacity-building
	Date/Venue:	Metro Manila: 11 November 2005 Cebu: 17 November 2005 Baguio: 21 November 2005
	Partner(s):	DENR-EMB Regional Offices

As part of ECAP’s assistance to enhance the capacity of the Anti-Smoke Belching Enforcers in its target sites, ECAP supported the conduct of Seminar Workshops on Roadside Apprehension Procedure. Mr. Chris Weaver, Emissions Testing Expert, and Dr. Donato Dela Cruz, and Mr. Ramon Santiago (Metro Manila Development Authority) Anti-Smoke Belching experts served as resource speakers. The seminar-workshop provided a forum for the Anti-Smoke Belching Units to discuss the proper procedures in roadside apprehension and learn the best practices of Anti-smoke belching enforcement in other countries. The comments and questions generated from the workshop shall also be used as inputs in ECAP’s next step, which is developing a standardized Roadside Apprehension Procedure Manual. The said manual will be offered for use by ECAP’s partners in ASB campaign, including the Association of Metro Manila ASBUs (AMMA) of Metro Manila, Baguio Bantay Kalinisan Task Force (BBKTF) of Baguio City, and CITOM of Cebu City. A total of 300 ASB enforcers/volunteers representing LGUs (3 Cebu LGUs, 1 Baguio LGU, & 6 Metro Manila LGUs), academe, civil society, private sector, DENR, EMB, DOTC, LTO, and PNP attended the seminar-workshop. This workshop was seen by the DENR and other ASBUs as very useful in improving their ASB operation. The need to conduct second wave of similar workshop to capacitate the remaining ASBUs both in MM and Baguio City was expressed.

3	Title:	Focus Group Discussion on the DOTC Clean Emission – Clean Air Program
	Type of Assistance:	Capacity-building
	Date/Venue:	7 December 2005
	Partner(s):	Department of Transportation & Communication

Realizing its potent role in resolving the continuing mobile-sourced air pollution issues in the country, the DOTC initiated a Focused Group Discussion on its Clean Emission Clean Air Program (CECAP) with about 30 representatives of the Clean Air Implementing Agencies. The FGD is a continuation of ECAP’s technical assistance to the DOTC in formulating its first ever clean air program, which is a direct response to the DOTC mandate under the Clean Air Act. The CECAP highlights DOTC’s planned partnership and collaboration with other government agencies, academe, and other civil society groups in the implementation of clean air efforts.

4	Title:	Reorientation and Assessment Workshop for the Bantay Kalinisan Task Force
	Type of Assistance:	Capacity-building
	Date/Venue:	15 November 2005 / Davao City
	Partner(s):	DENR-EMB
	Subcontractor:	Ateneo de Davao University

As an initial action to facilitate ECAP's partnership for clean air with Davao City LGU and stakeholders, a Focused Group Discussion on Clean Air was convened by the ECAP-PAO (Ateneo de Davao University) in Davao City. This multi-sectoral effort was designed to bring key local clean air stakeholders together and discuss how their involvement/participation in implementing air quality management in the metropolis of Davao City can be sustained. The event was attended by 40 participants representing local DENR, EMB, TESDA, LGU, DOH, PIA, LTFRB, academe, Clean City Coalition members, and private sector. At the end of the activity, the participants committed to form a clean air group to support the future efforts of the City. ECAP also subsequently started direct discussions with the City Environment Natural Resources Officer and Administrator.

5	Title:	ECAP Clean Air Technical Working Group Meetings
	Type of Assistance:	Capacity-building; Program Management
	Date/Venue:	2 nd Meeting: 12 January 2006 3 rd Meeting: 15 June 2006
	Partner(s):	CA-TWG
	Subcontractor:	Ateneo School of Government

2nd ECAP Clean Air Technical Working Group (TWG) Meeting

The USAID through ECAP supported the regular convening of the Clean Air TWG of the GRP, as a venue to discuss emerging operational and policy issues surrounding the implementation of the Clean Air Act (CAA). In its 2nd TWG meeting, which was participated in by senior technical staff of the DOTC, DTI, DENR, the National Economic and Development Authority (NEDA), and Pasig City's Environment and Natural Resource Office, the Year-2 and Life-of-Project (LOP) Clean Air Workplan of ECAP was positively endorsed for approval by the high officials of clean air government agencies. This Clean Air Workplan, which serves as the implementation compass of ECAP from 2006 to 2008 focuses on 4 major strategies: 1)strengthen the country's Motor Vehicle Inspection and Maintenance System; 2) improve effectiveness of roadside apprehension of smoke belching vehicles; 3)provide compliance assistance to the public utility transport sector; and 4)build public support. It was capped with the presentation of two clean air year-ender activities of ECAP, "Clean Air Festival" and "Bantay Tambutso sa Eskwela", which both generated considerable public support from the bikers' organization, non-government organizations, and students from secondary schools. A total of twenty (20) participants attended this meeting.

3rd Clean Air Technical Working Group Meeting

The Clean Air Technical Working Group was convened last 15 June 2006 to detail the activities of the Project Component and to seek advice from partner agencies and other institutions on the way forward of the Project. The DOTC, DTI, DENR, DOE as well as the Project Subcontractors attended the meeting and generally gave positive feedback on the progress of the Project. This highlighted the milestones achieved in the Project's completed study on Metro Manila Air Quality Monitoring and the ongoing initiatives on Air Care with Miriam College, the Capability Building on Preventive

Maintenance Inspection for Public Utility Vehicles with the IPFI, as well as the proposed Pre-feasibility Study for Bus Rapid Transit (BRT) in Greater Manila Area with the University of the Philippines National Center for Transportation Studies (UP NCTS).

6	Title:	Clean Air Workplan for the City of Cebu
	Type of Assistance:	Capacity-building; Program Management
	Date/Venue:	13-14 February 2006
	Partner(s):	Cebu City Government
	Subcontractor:	University of San Carlos

A one-day work planning session supported by USAID-ECAP for the Cebu City government units was conducted to craft the City’s Clean Air Action Plan. The Work Planning event led by the Cebu City Traffic Operations Management (CITOM), an Anti-Smoke Belching Unit of the Cebu City generated commitments from City government departments to support the implementation of the Cebu City Clean Air Program by issuing Department Memorandum assigning focal person responsible in ensuring timely implementation of planned actions.

7	Title:	Seminar-Workshop in preparation for Davao City ASB Ordinance Formulation
	Type of Assistance:	Capacity-building; Policy Support
	Date/Venue:	May 2006 / Davao City
	Partner(s):	Office of Councilor Peter Laviña (Davao)
	Subcontractor:	Ateneo de Davao University

A pre-planning Workshop for the Formulation of Davao City Anti-Smoke Belching Ordinance was held using the draft LGU ASB Ordinance Template prepared for the Clean Air High Level Advisory Committee (CA HLAC). This “writeshop”, organized by Councilor Peter Laviña, was attended by 3 other City Councilors. The meeting was facilitated by the Ateneo de Davao University together with ECAP and USAID. The 2nd draft of the ASB Ordinance due for submission by ECAP/ADDU on June 15, 2006, shall be subjected to a public hearing.

8	Title:	ASB Equipment Turn-over Ceremony during DENR’s Anniversary Celebration
	Type of Assistance:	Capacity-building
	Date/Venue:	June 2006 / Davao City
	Partner(s):	DENR

Anti-Smoke Belching (ASB) Enforcers are considered “our on-the-road clean air vanguards”, and are among the frontliners in efforts to achieve better air quality. It was towards equipping them that this particular activity was focused. During DENR’s 19th Anniversary and the Environment Month Celebrations, USAID representatives Ms. Laurie De Freese and Ms. Rosario Calderon turned over sets of Anti-Smoke Belching (ASB) equipment to DENR Secretary Angelo Reyes and the MMASBA.

The equipment consisted of hand tools, respiratory masks, and a digital camera that would aid the ASBUs in discharging their roadside duties, keeping them from catching respiratory illnesses caused by poor air quality, and helping them catch non-emission standards compliant vehicles via pictures.

This support is part of the technical assistance of USAID through ECAP to the Linis Hangin Program of the Government, which is geared towards improving the effectiveness of roadside inspection operations.

9	Title:	Roundtable Discussion on ASB Ordinance Formulation for Cebu City
	Type of Assistance:	Capacity-building; Policy Support
	Date/Venue:	June 2006 / Cebu City
	Partner(s):	Cebu City Government, Kalikupan

As part of the technical assistance package of ECAP to the local government of Cebu City, the Project sponsored a roundtable discussion to identify procedures necessary for the formulation or revision of the Anti-Smoke Belching Ordinance. The proceedings also led to the identification of problems and actions to be taken in the formulation of the Ordinance, which the City Government, Kalipunan, and the ECAP will be working on.

10	Title:	Makati City Clean Air Development Planning Workshop
	Type of Assistance:	Capacity-building; Policy Support
	Date/Venue:	June 2006
	Partner(s):	Makati City Government, SEDP

Air quality monitoring. Transport group re-orientation and capability building. Alternative fuels road shows. These were among the clean air projects identified as a product of Makati City's Department of Environmental Services' two day planning workshop. Held in Antipolo last June 29-30, the activity was part of ECAP's support to the City's formulation of its five-year clean air plan. The workshop was the culmination of a series of data gathering and processing done by members of the Makati's Clean Cities Coalition (a multi-stakeholder body consisted of representatives from private organizations, government agencies and interest groups based in the City). Funding support and other resources towards the attainment of the projects mentioned were also identified during the event.

11	Title:	Roundtable Discussion on the Proposed Davao City Environment Code
	Type of Assistance:	Policy Assistance
	Date/Venue:	5 July 2006
	Partner(s):	Office of Councilor Leonardo Avila (Davao Council)

A Roundtable Discussion spearheaded by Councilor Leo Avila of Davao Council was conducted. It was attended by the 84 participants representing different government entities, private groups, NGOs, USAID-funded projects, and academe to develop the framework and craft a draft Environment Code for Davao City. Five priority areas were identified, which should be given urgent attention and be incorporated in the draft code, including urban, wherein to wit: 1) accountability and organizational transparency; 2) government support group structure; 3) use of environmentally-friendly and appropriate technology; 4) economy and governance; and 5) air.

12	Title:	ASB Ordinance Public Hearing in Davao City
	Type of Assistance:	Policy Assistance
	Date/Venue:	6 July 2006
	Partner(s):	City of Davao, Councilor Nestor Archival, Atty. Gloria Ramos

The 1st draft of ASB Ordinance for Davao City has been subjected to a Committee public hearing in Davao City Hall. Participating the public hearing were representatives from transport groups, LTO, LTFR, DTI, DENR-EMB, City ENRO, City Committee Chairs headed by Councilor Leo Avila of the Environment and Natural Resources, Coun. Jesus Zozobrado of Transportation, and Coun. Ricardo Cabling of Housing. To share success stories in enhancing ordinance development process, Councilor Nestor Archival, Chair of Cebu Council's Environment and Natural Resources participated in the public hearing. ECAP also provided legal inputs to the draft Ordinance through the participation of Atty. Gloria Ramos of Cebu Kalikupan. The Davao City ASB Ordinance is already in its 4th version and final public hearing and City Council deliberation sometime in November 2006.

13	Title:	MMASBA Turnover of Clean Air Tools
	Type of Assistance:	Capacity Building
	Date/Venue:	19 July 2006
	Partner(s):	Makati City Government

USAID Project Development Specialist of the Office of Energy and Environment Jose Dulce led the turnover ceremony of safety gear at the monthly meeting of the Metro Manila Anti-Smoke Belching Association (MMASBA) at the Makati City Hall last July 19, 2006. USAID ECAP gave each Anti-Smoke Belching Unit (ASBU) masks and filters to protect them from the harmful air pollutants and thus, allow them to perform their duties better and to a larger extent. ASBUs can now conduct more onsite work and apprehend more smoke-belching vehicles ultimately targeted to improving compliance with vehicle emission standards. Present at the ceremony was Makati City Administrator Nicanor V. Santiago, Jr. who expressed his support for the programs of MMASBA. He further added, "I hope that the concern for clean air will soon become a national undertaking." The said turnover was the second installment in a series of scheduled turnover of clean air tools to Metro Manila ASBUs. Roadside apprehension hand tools were given during the initial turnover.

14	Title:	ASB Equipment Turnover LTO
	Type of Assistance:	Capacity Building
	Date/Venue:	1 August 2006
	Partner(s):	LTO

As part of the USAID's assistance to strengthen the capacity of the government's roadside enforcers, ECAP recently had a turnover ceremony at the Land Transportation Office (LTO), the primary implementing agency of the anti smoke-belching (ASB) provision in the Clean Air Act. The following ASB equipment were conferred: (1) 14 pcs of face masks, (2) 84 pairs of mask filters, (3) 20 pcs of traffic cones and (4) two sets of ASB hand tools. The lack of necessary equipment was one of the constraints seen, which limited the LTO's delivery of tasks. Now, with the new equipment, LTO will be able to operate better and in a larger scope. With the safety gear, the health of clean air enforcers is also protected. Lontoc further requested USAID-ECAP's technical assistance in their upcoming plans to professionalize the Motor Vehicles Inspection System since it is now focusing on the development of a systematic and comprehensive vehicle testing system.

15	Title:	Turn-Over of Equipment and Tools to LTO XI
	Type of Assistance:	Capacity Building
	Date/Venue:	13 August 2006
	Partner(s):	Davao City Government

As a continuing support of ECAP to strengthen LTO in enforcing emission standards and to equip the LTO enforcers at the local target sites of the project, ECAP handed-over ASB equipment like handtools, safety vests, masks and filters, caps, and t-shirts as uniform in anti-smoke belching operations in Davao City. The equipment were received by Regional Director Gomer Dy of Davao LTO in the presence of Councilor Leo Avila, academe, DENR-EMB, and City ENRO

16	Title:	First National Environmental Law Enforcement
	Type of Assistance:	Capacity Building
	Date/Venue:	21-23 August 2006
	Partner(s):	NAECTAF

A 1st National Environmental Law Enforcement Summit spearheaded by the National Anti-Environmental Crimes Task Force (NAECTAF) was conducted with the theme: “*Synchronizing Efforts to Combat Environmental Crimes.*” The Summit aimed at crafting a strategic action plan on environmental law enforcement in the Philippines for the next five (5) years will assess the current status of environmental efforts and improve its enforcement framework based on the best practices shared during the event. It was participated in by 300 enforcers/representatives from DILG, DENR, DOTC, LTO, PNP, DOJ, NGOs, academe, funding agencies (WWF, CI), and environmental projects like LINAW, SCOTIA, ECOgov, ECAP, and Eco-Asia. It was highlighted with the presentation and signing of Declaration of Commitment in the presence of Secretary Angelo Reyes of DENR and Mr. Jon Lindborg, Mission Director, USAID-Manila.

17	Title:	RTD on ASB Ordinance in Cebu and Turnover of ASB Equipment to LTO Cebu
	Type of Assistance:	Policy Assistance
	Date/Venue:	21 August 2006
	Partner(s):	LTO - Cebu

As part of the formulation process of developing the Cebu ASB Ordinance, a roundtable discussion with the Cebu City stakeholders was conducted to elicit inputs in refining the specific provisions of the Ordinance. The RTD was highlighted with the hand-over ceremony of ASB equipment to LTO in Cebu City, which was received by the LTO-Cebu Admin Officer Joel Halili. This is a follow-up support extended by ECAP to LTO in improving its capacity to perform its required function as mandated under the CAA.

18	Title:	Financial Planning for Cebu City Clean Air Action Plan
	Type of Assistance:	Capacity Building
	Date/Venue:	22 August 2006
	Partner(s):	Cebu City Government- CITOM

As a continuing effort to complete the Clean Air Action Plan (CAAP) for Cebu City, the City government of Cebu through its CITOM spearheaded the Financial Planning for CAAP. The output of which shall be the accompanying document of the Cebu City Clean Air activities and investment requirements required in cleaning the City's air. It was attended by Councilor Nestor Archival, academe, NGOs, Kalikupan-Cebu, and other local government agencies.

Strategy 3: Strengthen Public transport sector's capacity to comply with law

1	Title:	Project Start-Up on Capacity Building on Preventive Maintenance Inspection for Public Utility Vehicles (PUV)
	Type of Assistance:	Capacity-building
	Date/Venue:	1 June 2006
	Subcontractor	Infinite Progressions Foundation, Inc.

The Infinite Progressions Foundation, Inc. formally started its activities on ECAP's Program for Preventive Maintenance Inspection (PMI) last June 1, 2006, to last until May 31, 2007. This Program was designed to conduct a series of seminar workshops on PMI for PUV operators, drivers and other concerned stakeholders. More so, it is expected to link PUV groups with micro-finance institutions, and pre-qualify vehicle repair shops in Metro Manila to ensure quality repair works to attain vehicle emission standards.

2	Title:	Seminar-Training on Preventive Maintenance for Transport Group in Davao City
	Type of Assistance:	Capacity-building
	Date/Venue:	June 2006
	Partner:	Davao City CENRO
	Subcontractor	Ateneo de Davao University

The seminar was held for local vehicle owners, drivers and engine mechanics in Davao, to educate them on the value and practice of Preventive Maintenance, and to show them that they can play a role in the attainment of cleaner air. The training also covered baseline data and monitoring systems for compliance of transport groups. ECAP's Project Area Office in Davao, represented by Ateneo De Davao University, implemented this project together with the Davao City CENRO.

Prior to the actual seminar, a compliance baseline was conducted by the organizers to determine the compliance level of 30 vehicle units during that time. The same units are to be tested sometime in the future to determine if owners/drivers who attended the seminar applied their learning in the practice of preventive maintenance, and to gauge the level of effectiveness of the training conducted.

3	Title:	National Conference on Tricycle Transportation Development
	Type of Assistance:	Capacity-building
	Date/Venue:	June 2006 / Iloilo City
	Partner:	DENR

Local government units, having been granted franchising and regulatory powers by the Local Government Code, are key players in making the land transportation action plan operational in their respective areas. In order for the LGUs to do so, a doable policy framework within which they could work, needed to be laid out. That was one of the aims of this conference, which focused on the tricycle sector in particular, in order to help the owners and operators solve the environmental and health problems caused by tricycle operation, without jeopardizing their livelihood.

Last June 28-29, ECAP was among the 1,300 participants of the conference which convened representatives from the local tricycle transport groups, national agencies (LTO, DENR, LTFRB, and DOTC), local government units (Mayor, Vice Mayors, and Councilors) and donor agencies (ADB, USAID and JICA).

During the event, issues tackled included those on a) franchising, b) tricycle and motorcycle licensing regulations, c) traffic and road safety, d) micro-financing and livelihood, e) health risks, and f) investment and incentive, all known to be critical to the tricycle sector. Representatives from the Province of Palawan, the Cities of Marikina, San Fernando, La Union and even from as far as the country of India presented viable transport management programs that were used in their areas. The expressed government development plans for a sustainable tricycle sector development were strongly supported by USAID and JICA.

Sec. Angelo Reyes graced the conference, and stressed the importance of the tricycle sector in both the rural and urban development. He encouraged the tricycle groups to partner with the government in improving the transport sector.

4	Title:	Training on Preventive Maintenance and Inspection
	Type of Assistance:	Capacity-building
	Date/Venue:	13 & 27 September 2006
	Partner:	City Government of Makati
	Subcontractor:	Infinite Progressions Foundation Inc.

Seminar-workshops on Preventive Maintenance (PM) were held at the Makati Youth Center. This series of seminar-workshops is developed as part of the “Tsuper Dunong” Program of the Makati City Government and supported by the USAID-ECAP under its strategy to provide compliance assistance to the public utility transport sector. Thirty drivers coming from the Makati City Government Motorpool, and members of the Makati City Federation of Jeepney Operators and Drivers participated in the one-day workshop aimed to give the drivers a substantive overview of their role as promoters of clean air. ECAP subcontractor for this project, IPFI, ran the comprehensive training module which includes practical and hands-on lectures about air pollution and health impacts, PM and its economic benefits, PM Inspection of Injector/Injector Pump Calibration, safe driving techniques, engine reconditioning micro-financing.

Strategy 4: Strengthen Public-Private Partnerships & Local Coalitions

1	Title:	Clean Air Communication Plan Development & Implementation
	Type of Assistance:	Capacity-building; IEC
	Date/Venue:	October – December 2005
	Subcontractor:	Eon

For the first quarter of the fiscal year, the development of ECAP’s Clean Air component communication plan was initiated. Six (6) activities were completed:

- a. Environmental Scanning/Review of Related Literature. This was undertaken on past and on-going initiatives that seek to address air quality issues, to ensure the development of a relevant and comprehensive stakeholder relations and communications program.
- b. Issue Analysis. This was undertaken to develop a foundational understanding of the existing and potential issues facing clean air initiatives.
- c. Stakeholder Mapping. This was conducted to identify and map out the clean air sector’s stakeholders, their interests, relative priorities, and the quality of existing relations with these stakeholders.
- d. Development of Stakeholder Database. The database has been developed containing the organizations and individuals that are vital to the achievement of Clean Air objectives.
- e. Messaging Workshop. Conducted last 9 December 2005 among key USAID and ECAP officials to develop a message house for the clean air component, containing the following: an over-arching message of ECAP, the general supporting message of ECAP, and the specific messages to each stakeholder group.
- f. Collateral Material Development. A Clean Air Campaign Collateral Development Checklist was prepared, outlining the various possible forms of materials which may be used for the public information and participation activity component of ECAP.

2	Title:	Building the Clean Air Youth Alliance (CAYA)
	Type of Assistance:	Coalition-Building; IEC Activity
	Date/Venue:	October – December 2005
	Subcontractor:	Eon

The establishment of the Clean Air Youth Alliance (CAYA) is one of the key components of the coalition-building activities of ECAP. As part of the CAYA network building process, profiling/scoping and exploratory discussions with targets of opportunities have been initiated and will continue for the succeeding months. For the first quarter, the following have been achieved:

- a. Development of “Criteria for CAYA Prospecting.” A set of criteria was developed to provide a set of parameters for the identification of targets of opportunities and possible CAYA members. This was made in view of the need to develop the criteria that would help prioritize scoping and initial coordination activities covering a substantial number of youth organizations that can be mobilized for the campaign.
- b. Scoping Activities. A total of 11 youth organizations/networks were initially profiled for purposes of exploring possible partnerships with the end view of building the CAYA. Preliminary meetings and discussions with these organizations have also commenced.

3	Title:	Developing Linkages/ Partnerships with Local Government Units
	Type of Assistance:	Coalition-Building
	Date/Venue:	October – December 2005
	Partner:	DENR, PCL

The Philippine Councilors League (PCL) played a significant role in the overall campaign to get local executives involved in the clean air campaign because they serve as the policy-making body at the local level. Coordination meetings with PCL national officers were conducted to explore opportunities

for join undertaking with the PCL. As a result of the initial meeting conducted, ECAP was able to deliver a presentation of its programs before the 2nd PCL Continuing Local Legislative Education Program (CLEP) on 6 December 2005. The assembly was attended by more than 400 councilors nationwide. After the presentation, the PCL expressed interest in extending support to the energy and clean air initiatives and possible areas of cooperation were identified.

4	Title:	Building Partnership with Private Sector, Health Experts, & Academia
	Type of Assistance:	Coalition-Building
	Date/Venue:	October – December 2005
	Subcontractor:	Eon

With the aim of expanding the stakeholder support for clean air initiatives, ECAP explored partnerships with certain organizations from the private and health sectors and the academia. Among them are:

- Private Sector: League of Corporate Foundations (LCF)
- Health Sector:
 - a.) Philippine College of Chest Physicians
 - b.) Philippine Association of Pediatric Pulmunologists, Inc. (PAPPI)
 - c.) Philippine Heart Association (PHA)
- Academia: Educational Research and Development Assistance (ERDA) Tech Foundation, Inc.

Initial coordination and scoping activities with the above organizations have yielded very positive reaction from the said institutions. Coordination/follow-through meetings will continue to be undertaken towards generating active participation from these organizations in the campaign.

5	Title:	Breath of Life: Stewardship for Clean Air” <i>(Joint USAID Cooperators – CFC Promotion of Clean Air Initiatives)</i>
	Type of Assistance:	Coalition-Building; IEC Activity
	Date/Venue:	17 January 2006
	Subcontractor:	Eon

The international Christian community of Couples for Christ (CFC) recently held their National Leaders Conference in Clark Expo in Clark, Pampanga. In line with this, the CFC’s environmental ministry OIKOS, in cooperation with the DENR and USAID through its OEE projects ECAP, SEDP and AMORE brought along a Clean Air Information Booth and free emission testing for the thousands of attendees of the conference.

Inside the Clark Expo, the Clean Air Information Booth featured information materials and collaterals from the USAID projects and DENR regarding alternative fuels, proper maintenance, and compliance to emission standards. Trivia games were also given out to interested conference goers which tested their attentiveness to the clean air information materials from the booth. This also served to be a fun and fruitful way of imparting simple yet significant ways of helping clean the air.

At the parking lot, the Free Emission Testing provided interested diesel-vehicle owners not only with a testing fee and apprehension-free emission testing but also tips on complying with emission standards and neat incentives for those who passed the testing. These simple activities contributed to the efforts of promoting clean air within the large CFC community, which through OIKOS has taken to the direction of “stewardship for the environment” – which is God’s gift to us.

6	Title:	Organizing the Clean Air Youth Alliance (CAYA)
	Type of Assistance:	Coalition-Building
	Date/Venue:	16 February – 16 March 2006
	Subcontractor:	Eon

One of ECAP’s key activities for building public support is tapping the youth to promote clean air. The network building process includes prospecting, scoping, exploratory discussions, development of joint framework for ECAP cooperation, signing of Principles of Partnership, the ramp-off to the implementation of specific projects.

For this period, ECAP, through EON, completed the following activities.

- a. Scoping Activities which covered identifying various targets of opportunities;
- b. Initial Coordination with the identified targets of opportunities;
- c. Conduct of Scoping Activities and Exploratory Meetings with the targets of opportunities;
- d. Conduct of follow-through meetings with high potential targets of opportunities to explore possible areas of joint engagement;
- e. Development of Parameters for Joint Engagement.

The groups engaged are as follows: Salesian Commission on Youth Ministry, KANLUNGAN, CBCP-ECMI’s Sons and Daughters of Overseas Filipino Workers (OFWs, and Couples For Christ’s Ministries.

7	Title:	Developing Partnership Programs with Private Sector Groups on various advocacy campaigns
	Type of Assistance:	Coalition-Building
	Date/Venue:	January – March 2006
	Subcontractor:	Eon

Partnership with Health Experts

After its scoping efforts, ECAP, through EON, conducted follow-on activities with the following medical institutions/organizations: Lung Center of the Philippines (LCP), Philippine Heart Center (PHC), and the Philippine Association of Pediatric Pulmunologists (PAPP). ECAP also initiated coordination with the Philippine Association of Thoracic and Cardiovascular Surgeons.

Through the Project’s linkage with PHC, ECAP’s clean air technical advisor, Dr. Donato dela Cruz, presented clean air initiatives during the PHC Medical Symposium held last February 28, 2006 at the Center’s MAB Hall, in line with PHC’s 31st Anniversary celebration. The presentation emphasized the role of the health sector in the clean air initiatives and medical data related to air pollution. About 80 participants composed of doctors and medical/nursing students attended the event.

EON prepared a draft press release based on the coverage of the event.

Partnership with the Academe

Several academic/research institutions and school-based organizations were identified as key academe partners and potential members, such as De La Salle System, College of St Benilde (CSB), and Center for Environmental Awareness and Education (CEAE). Initial coordination was also conducted with Adamson University, University of Sto. Tomas (UST), and University of Asia and the

Pacific (UAP). Follow-on coordination was pursued with ERDA Tech Fdn., Inc., PATLEPAM, and Far Eastern University (FEU).

Partnership with the Private Sector

Exploratory meetings were conducted with several private corporations. These corporations include: Mitsubishi Motors Philippines, Nestle Philippines Inc., Philippine Business for the Environment, Philippine Skyway Corporation, and First Gen. Follow-on coordination were likewise made with McDonald's, Bosch, and the League of Corporate Foundations (LCF).

Possible points of cooperation with these private sector corporations is primarily on the implementation of internal policies for their fleets to conform with emission standards, IEC campaigns and advocacies, inclusion of clean air messages/features in company newsletters and publications, and conduct of trainings and forums.

Partnership with Other Sectors

ECAP also explored partnership with other sectors. Exploratory meetings with other organizations such as the Integrated Bar of the Philippines (IBP), as well as the National Commission on the Role of Filipino Women (NCRFW) were initiated during the period to determine possible partnerships with the national government and non-governmental organizations in promoting clean air.

A notable result of the exploratory meetings, ECAP's assisted IBP in improving and expanding its "Take a Pic for Clean Air" program, wherein citizens will be empowered to take pictures of smoke belchers and report them to IBP for legal action.

8	Title:	Promotion of USAID Cooperators - BBKTF Partnership for Clean Air Initiatives
	Type of Assistance:	IEC Activity
	Date/Venue:	25-26 February 2006
	Partners:	SEDP, Baguio Bantay Kalinisan Task Force
	Subcontractor:	University of the Cordilleras

In promoting local efforts for environmental care, the Baguio Bantay Kalinisan Task Force (BBKTF), with the cooperation of the USAID through ECAP and SEDP, joined in the Annual Panagbenga Parade last February 25 and 26 with a dog-themed float and a grand entourage of dancers, street sweepers, indigenous instrument players and volunteers.

This float, which featured among others a large paper-mache dog "Bantay", this years' BBKTF icon of being an environmental "watchdog", and the USAID logo in flowers, was the last contingent of the parade that swept all the other mess left from the earlier parts of the parade. This act symbolized the BBKTF's thrust to clean up Baguio City through proper solid waste management and especially in supporting the anti-smoke belching efforts.

An estimated 300 volunteers from local government agencies and transport groups joined in the efforts of USAID and BBKTF.

9	Title:	Clean Air Information Booth
	Type of Assistance:	IEC Activity
	Date/Venue:	27 February – 4 March 2006
	Subcontractor:	University of the Cordilleras

One of the highlights for this year’s Panagbenga celebrations was the closing to vehicles of Session Road. This trial effort made this major pedestrian thoroughfare more pedestrian-friendly. Along session road stalls and bazaars featuring various services and trades were open as well.

In conjunction to this, the USAID-ECAP put up its own Information booth by the side of Session Road. It featured both energy and clean air-related IEC collaterals from the DOE, DENR, SEDP, Partnership for Clean Air (PCA), and other local government and organizations. Also, promotional giveaways were handed out to interested passers-by.

This booth opened in simple ceremonies last February 27 graced by no less than USAID Chief Daniel Moore, Baguio City local government officials lead by Vice Mayor Ray Bautista, and various representatives of the City’s key stakeholders.

10	Title:	Media Relations for Clean Air
	Type of Assistance:	Communications
	Date/Venue:	January – June 2006
	Subcontractor:	Eon

Media Monitoring

In a continuous effort to remain abreast of issues relating to clean air, ECAP through subcontractor, EON, monitored daily news and implemented a sixteen (16) Media Monitoring Alert System, that would keep track of pertinent information being released by various media channels.

The alert system was designed to provide a basis for determining ECAP’s communication initiatives as part of its coalition building efforts for the over-all Clean Air Communications Program. It also allowed ECAP to build on potential and ongoing communication initiatives and stories that can be supported by target coalitions.

Building Partnerships with Media

Through EON, ECAP continued coordination with Mr. Ricky Carandang, anchor of ABS-CBN’s “Big Picture” to firm up possible feature of Clean Air Initiative. While the feature was originally scheduled for airing on 30 March 2006, ECAP requested moving it in April.

ABS-CBN News Channel’s “Crossroads” featured various clean air initiatives of LGUs. The feature was aired on 23 June 2006, in time for the celebration of the Environment Month. The said feature focused on how LGUs implement the Clean Air Act. The resource persons who were interviewed at the show were the following: Vice-Mayor Reinaldo Bautista, Jr (Vice Chair, Baguio Bantay Kalikasan Task Force) and Vice Mayor Jesse Cruz (President, Vice Mayors’ League of the Philippines. Dr. Donato dela Cruz (Lead Local Clean Air Advisor, ECAP) was also a key interviewee at the said show, providing his technical inputs and expertise on clean air.

Development of Communications Materials / Tools

Clean Air Brochure

A Clean Air brochure was developed to communicate to the public why good air quality is important, what ECAP is doing about it, and others can do to help. The material consolidated quick facts on the health effects of air pollution, significant accomplishments of ECAP to date, and simple tips on cleaning the air.

Tool Kit Review and Updating

As a step in reviewing and updating the Clean Air Tool Kit, ECAP held a coordination meeting with Ms. Ninette Ramirez (formerly with US-AEP Project on Clean Air) of the Clean Air Initiative for Asian Cities. The main purpose was for ECAP to obtain background information on and status of Clean Air Tool Kits for Local Government. The latest update is that the tool kit (CD copy) was turned over to the League of Cities. Many LGUs, were reported to be interested in implementing the Puerto Princesa model, but the League apparently has been lacking in tool kits, which they could disseminate.

CAYA "Clean Air Bands"

"I Go for Clean Air". This tagline marked the Clean Air Bands (baller IDs), which were developed as a material that could be visually identifiable with the Clean Air Campaign. The Bands were primarily intended for dissemination among the members of the Clean Air Youth Alliance. EON was responsible for developing the content and design of the bands.

11	Title:	<i>Updating of ECAP Stakeholder Database</i>
	Type of Assistance:	Communications; Program Management
	Date/Venue:	Ongoing
	Subcontractor:	Eon

The ECAP Stakeholder Database has been developed containing information on various organizational and individual stakeholders of ECAP. The list is further updated on account of the new information arising from the scoping activities. From 16 February 2006 to 15 March 2006, a total of seventy-eight (78) organizations, as new contacts, were encoded in the database.

The ECAP Stakeholder Database has been developed containing information on various organizational and individual stakeholders of ECAP. The list was further updated on account of the new information gathered from the scoping activities. The table below shows the detailed update of the database accounting both the partner organizations and key persons.

No. of Organizations and Key Persons per Category			
	Category	No. of Organizations	No. of Key Persons
1	Government	63	161
2	International Organizations/Foreign Governments	3	8
3	Transport Sector	8	19

4	NGOs/Church/Civil Society	5	9
5	Private Corporations	30	51
6	Academic/Research Institutions	13	23
7	Youth Groups	10	48
8	Experts/Health Groups	3	4
9	Media	18	25
10	Financial Institutions		
11	Women's Groups		
Total		153	348

12	Title:	Take-A-Pic 4 Clean Air
	Type of Assistance:	Capacity-building; Policy Support, IEC Activity
	Date/Venue:	April 2006
	Subcontractor:	Ateneo School of Government

Seminar-Workshop on the Project's Implementation Plan

Pursuant to their common goal of enforcing the Philippine Clean Air Act (CAA) to ensure safe air quality in the metropolis, the National Environmental Action team of the Integrated Bar of the Philippines (IBP-NEAT) and the local government-based Metro Manila Anti-Smoke Belching Units' Association (MMASBA) initiated a joint enforcement and advocacy project, called the "Take-a-Pic-4-Clean Air", which is expected to complement efforts in the metropolis for intensifying the Linis Hangin [Clean Air] campaign of the Department of Environment and Natural Resources (DENR). The seminar-workshop is part of ECAP's organizational support for local coalitions like MMASBA. It was designed to assist the two organizations in working out the details of their collaboration, which is considered a "first" in the history of ASB efforts in the metropolis. Other stakeholders like the civil society based Partnership for Clean Air (PCA) and Clean Air implementing agencies (Land Transportation Office - LTO, Department of Transportation and Communications - DOTC, DENR, Metro Manila Development Authority - MMDA, and the Land Transportation Franchising and Regulatory Board - LTFRB) also lent a hand in formulating the project's terms of reference. This preparatory activity was necessary to set the stage for the project's public launch.

"Take a Pic" was largely initiated by the IBP and LGUs in the 4 cities along EDSA Corridor, namely, Quezon City, Mandaluyong, Makati, and Pasig as a concrete application of the 'citizen suit' provision in the CAA. It will, hopefully, strengthen citizen awareness and action on their shared responsibilities in reducing smoke belching vehicles in the streets.

Campaign Launch

"Take-A-Pic 4 Clean Air" was officially launched by Assistant Secretary Annelie Lontoc of the DOTC-LTO, together with Atty. Somera, Director IBP-NEAT[seated second and third from right, respectively], MMASBA Officers and members, local government officials of Pasig City, Quezon City, and Taguig, and ECAP. Other clean air partners like photojournalists group, media, academe, clean air government agencies (DENR, DTI, DOTC, LTFRB, LTO, and DOE), and NGOs also gathered at the venue - the People Power Monument along EDSA - to participate in the event. The launch ceremony was immediately followed by a full day of simultaneous roadside inspections along the EDSA corridor by the MMASBA, DENR and LTO.

13	Title:	Launching of Clean Air Youth Alliance and Partnership between Couple's for Christ (CFC) and ECAP
	Type of Assistance:	Coalition-building; IEC Activity
	Date/Venue:	April 2006
	Partners:	Couples For Christ

April marked the start of the formal partnership of ECAP and CFC, along with its other ministries (YFC, KFC, SFC and OIKOS their environmental ministry), in the pursuit of promoting the importance of clean air. It was during the YFC's National Leaders Conference in Davao City that this partnership was launched.

Leading the activities in line with the conference was a ceremonial CFC-ECAP partnership with the theme "Mobilizing the Youth as Clean Air Sherpas." This involved the signing and presentation of the principles of partnership, a few words from representatives of both parties, and a Clean Air 101 lecture. A Clean Air Information Booth was also set up, featuring information materials from government agencies and private sector groups alike, on how best to contribute in cleaner air. In addition to these, free vehicle emission testing was conducted for both participants of the conference and the vehicle-owning general public.

14	Title:	Environmental Law Training for Lawyers
	Type of Assistance:	Capacity-building; IEC Activity
	Date/Venue:	May 2006 Bantayan Island, Cebu
	Partners:	Kalikupan
	Subcontractor:	University of San Carlos

More than 30 Cebuano lawyers, judicial officials, and environmental practitioners camped out in Sea Camp, Santa Fe, Bantayan Island, Cebu, to learn the basics of environmental laws, their current applications, and the issues in enforcement. The training was intended to elevate the awareness and appreciation of both prosecutors and fiscals/judges in enforcing the various environmental laws, ranging from the Clean Air Act to the UN Convention on the Law of the Seas, for the purpose of enhancing the quality of environmental law enforcement in the country. The training was spearheaded by Atty. Gloria Estenzo-Ramos, Dean of the UC-College of Law and founding member of the Metro Cebu Clean Air Technical Working Group, which was convened by ECAP last November 2005.

ECAP took the opportunity to advocate for clean air and clean energy to attending lawyers, through the presentations on the Fundamentals of Clean Air, Renewable Energy, Citizen Suit Provision of the Clean Air Act and Take-A-Pic 4 Clean Air Project. The presentations generated positive responses from the participants. In particular, Atty. Tony Oposa, head of the Visayas Sea Squadron, expressed support in organizing a similar Take-A-Pic for Clean Air Campaign in Cebu. Participating Cebu-based lawyers also expressed commitment to provide support to ECAP's initiative in putting together a template ordinance on anti-smoke belching.

15	Title:	Isuzu Fuel Efficiency Run and Treasure Quest
	Type of Assistance:	IEC Activity
	Date/Venue:	June 2006 / Cebu City
	Partners:	Isuzu Cebu City, CITOM
	Subcontractor:	University of San Carlos

This event was initiated as part of Isuzu’s annual celebration expressing its Corporate Social Responsibility, which the company holds in time with the county’s celebration of environment month. The event likewise marked the opening of Cebu Business Month and was sponsored mainly by Isuzu Motors Cebu, in cooperation with the Cebu Chamber of Commerce, Shell Pilipinas and Sun Star Daily.

The activity was designed as a contest for participating motorists who were given a string of tasks to perform in different parts of the city. Among the considerations in determining the winners were: low emissions; knowledge of defensive driving techniques; low fuel consumption; and answers to questions that relate to clean air and fuel economy. The Local Government of Cebu City through CITOM handled the emission testing prior to the race, while ECAP provided the resource speaker on fuel efficiency for clean air for the opening program. The theme of the talk was “Clean Energy, Clean Air for a Clean Cebu City”.

16	Title:	MOA Signing Ceremony Between Manila Rotary Club and IBP for the “Take-A-Pic 4 Clean Air Participation”
	Type of Assistance:	Coalition-building; IEC Activity
	Date/Venue:	13 June 2006
	Partners:	Integrated Bar of the Philippines, Manila Rotary Club

Two months after the launching of the Pilot-test of “Take-A-Pic 4 Clean Air”, another partner was brought in by ECAP to help implement the project. The Rotary Club of Manila Circle headed by Mr. Gary Vibal signed the Memorandum of Agreement with IBP last June 13, 2006. This affirmed the Club’s support to the project, thus widening the constituency for policing smoke-belchers in a move towards cleaner air in Metro Manila. Promising cooperation among its more than 100 members, the local Rotary Club pledged unwavering advocacy for a healthy environment in the metropolis.

17	Title:	Launch of Clean Air Youth Alliance and the Partnership between USAID-ECAP and Couples for Christ (CFC) Ministries on Clean Air Initiatives
	Type of Assistance:	Coalition-building; IEC Activity
	Date/Venue:	7-9 April 2006 / Davao City
	Partners:	Couples for Christ

The establishment of the Clean Air Youth Alliance (CAYA) is a key component of ECAP’s coalition building strategy to promote clean air among the young decision-makers. It is aimed at being a primary advocacy force for clean air, with the youth as its vehicle. To kick-start CAYA, ECAP launched the coalition via the Signing of a Principles of Partnership with the Couples’ For Christ’s family and social ministries (i.e. Youth For Christ, Kids For Christ, Singles For Christ, and The OIKOS Society). This was the 1st group of recruits to what is hoped to be a nation-wide network of youth organizations, both academe and community-based.

Youth for Christ (YFC), which is the main CAYA partner of ECAP, has a membership of approximately 124,000 youths and has 300 school chapters nationwide. It undertakes projects that involve the youth in advocacy and service to the communities all over the country. The soft launching of the CAYA was designed to coincide with the CFC National Youth Leaders Conference in Davao City, last April 7-9, 2006. In partnership with CFC, ECAP wet up an information booth on clean air, and conducted a seminar on the fundamental principles of air quality management and what the youth can do to mitigate air pollution.

18	Title:	Luntian at Puti: Kalikasan at Kalinisan” <i>(A Joint USAID-ECAP – DLS-CSB Clean Air Initiatives)</i>
	Type of Assistance:	Coalition-building; IEC Activity
	Date/Venue:	19 April 2006
	Partners:	De la Salle University – College of Saint Benilde

A mural painting activity themed “Luntian at Puti: Kalikasan at Kalinisan” was the highlight of De La Salle- College of Saint Benilde (DLS-CSB)’s celebration of Earth Week last 19 April 2006, along the school’s Angelo King International Center in Manila. The mural featured the development and the present state of the Philippine environment, as well as the hope for survival through a concerted and responsible community action. The need for Clean Air as a component of a clean environment was emphasized in the mural. USAID-ECAP participated in the activity through its artist group partner, the Young Artist’s Fellowship for the Environment. With his activity, the Project, together with DLS-CSB brought the campaign for sustainable energy and clean air to the academe.

To add to the mural painting, free vehicle emission tests were conducted, with DLS-CSB’s vehicle fleets were among those that were tested as part of the college’s response to the call to action for cleaner air. Preventive maintenance consultations were likewise implemented at the Don Pedro Compound along Arellano Avenue, in cooperation with Robert Bosch Philippines and the Sustainable Energy Development Program (SEDP), another USAID project.

“The De La Salle-College of St. Benilde recognizes the importance of combined efforts from all members of the community, particularly the Academia and the Youth, in achieving cleaner air for our and the future generations. We look forward to launching a meaningful and sustainable advocacy, in partnership with the government and other sectors,” said Dr. Rosemarie Salazar-Clemena, DLS-CSB Executive Vice President.

19	Title:	ECAP Information Booth at "Initiatives Toward Climate Change Solutions"
	Type of Assistance:	IEC Activity
	Date/Venue:	19-25 April 2006 / Ayala Center
	Partner:	Makati City Government

To mark Earth Day 2006, the City of Makati held a week-long celebration to increase public awareness of environmental issues, and ECAP was a part of it.

In a week-long exhibit at the Glorietta Mall, Ayala Center, ECAP went side by side other organizations to showcase programs promoting environmental care. The exhibit was part of a celebration highlighting the initiatives of various groups towards energy efficiency, solid waste management and recycling, and alternative fuels for transport and green buildings, all to address the issue of climate change.

20	Title:	Clean Air Caravan to promote Bio-diesel
	Type of Assistance:	IEC Activity
	Date/Venue:	7 May 2006
	Partner:	Chemrez, Inc.

Get on the bandwagon for clean air!

Chemrez, Inc., the first and largest producer of coco-biodiesel in Asia, joined the ride. They partnered with ECAP in demonstrating to several localities the benefits of biodiesel, to promote it as a better, more earth-friendly fuel choice. During each stop of the Caravan, emission levels of randomly selected vehicles in the localities were tested to provide a baseline data for comparison. Their fuels were then mixed with a coco-biodiesel additive manufactured by Chemrez, Inc. The same vehicles were again subjected to emission tests, 30 minutes later and the results showed a marked decrease in emission levels following the use of bio-diesel.

The caravan also featured talks on the benefits of using biodiesel. Public Health Specialists Belinda B. Villasencio and Helen Calong of the Lung Center of the Philippines discussed the ill effects of air pollution from mobile sources, the worsening of which could be mitigated with the use of biodiesel or other such cleaner fuels.

21	Title:	Clean Air Youth Alliance (CAYA) Action Planning and Presentation Skills Training
	Type of Assistance:	Capacity-building
	Date/Venue:	8 June 2006
	Partners:	Clean Air Youth Alliance
	Subcontractor:	Ateneo School of Government

And the equipping of clean air advocates continues. Last 30 March 2006, the Clean Air Speakers Bureau Training Seminar was held. It brought together various youth groups for lectures on clean air basics and exercises on creating possible action steps for their organizations in promoting clean air.

To further solidify the camaraderie, as well as the action steps, of the participating groups, the abovementioned activity was followed by the Clean Air Youth Alliance (CAYA) Action Planning and Presentation Skills Training. There were two major components to the program, namely a) action planning for possible activities which the participating organizations could do individually and jointly as the CAYA, and b) additional presentation skills training, to polish the participants' abilities to present Clean Air 101 during activities involving clean air advocacies.

22	Title:	Jumpstarting the Good Life: Clean Engines and Clean Fuel for Clean Air Nestle-Bosch-Chemrez-ECAP event
	Type of Assistance:	Coalition-building
	Date/Venue:	15 June 2006
	Partners:	Nestle Philippines, Bosch, Chemrez

Employees and officials of Nestle Philippines Ice Cream Factory and its other affiliates came together for a seminar that showed how the clean life was indeed the sweet life. This joint project of Nestle, Bosch, Chemrez and ECAP not only zeroed in on the importance of clean air and the use of cleaner fuels and preventive maintenance, but promoted the crucial role of private companies in clean air advocacy as well. The activity also featured free emission testing for fleets of Nestle and its associates, coco-biodiesel demonstrations, and the distribution of information materials.

23	Title:	<i>Cebu City ECAP Information Booth</i>
	Type of Assistance:	IEC Activity
	Date/Venue:	19 August 2006
	Partners:	University of San Carlos

ECAP through its USC-PAO put up an exhibit to highlight the Project objectives, accomplishments and milestones. This was an undertaking of the USC in line with its Foundation Day Celebration.

24	Title:	<i>Corporate Social Responsibility Expo 2006</i>
	Type of Assistance:	IEC Activity
	Date/Venue:	5-7 July 2006
	Subcontractor:	Eon

ECAP participated in the Corporate Social Responsibility (CSR) Expo 2006 as part of its initiatives in promoting energy reforms and better air quality. ECAP Chief of Party, Mr. Ray T. Goco, served as a resource speaker and talked about the efforts of USAID in the energy and environment sectors and presented opportunities for the private sector to be involved in such causes.

25	Title:	<i>Symposium – The Role of Public Transport in Cleaning The Air</i>
	Type of Assistance:	IEC Activity
	Date/Venue:	11 July 2006 / Baguio City
	Subcontractor:	University of the Cordilleras

Last 11 July 2006, a half-day forum was organized for the local public transport sector of Baguio City. The forum aimed to empower the public transport drivers and operators on the different ways by which they can comply with the Philippine Clean Air Act. It also served as a venue for them to discuss issues and concerns regarding their contribution and role in air quality management.

26	Title:	<i>Launching of Air Care</i>
	Type of Assistance:	IEC Activity
	Date/Venue:	8 August 2006
	Subcontractor:	Miriam PEACE

“When an individual works, something is achieved. But when communities work together, something great is accomplished.” That is the vision of AirCare, a community-based air quality management program. If you think that the Bayanihan is a thing of the past, think again. With AirCare, the spirit of bayanihan is very much alive.

Highlighted by a commitment signing, AirCare was launched recently at the Environmental Studies Institute of Miriam College with partner schools and institutions in attendance.

Raising the awareness of communities along the Katipunan-UP-Central Avenue Corridors on the deteriorating air quality and involving them in the efforts to clean the air will surely make a significant impact in lessening the air pollution in Quezon City.

27	Title:	Clean Air 101 Lectures
	Type of Assistance:	IEC Activity
	Date/Venue:	August – September 2006
	Partners:	Ateneo Environmental Science Society Couples for Christ, FEU Tamaraw Volunteers

Ateneo Environmental Science Society (11 August 2006)

The Clean Air Youth Alliance has finally gained its momentum. The Ateneo Environmental Science Society invited Fernando Antolin, ECAP Clean Air Activity Manager, to do a short lecture on basic clean air concepts and principles in a mini-symposium called “Air Exposed: Clean Air 101” at the Ateneo de Manila University. This activity was endorsed by the Chair of the Environmental Science Department, delivered to around 50 students.

Batang Kalikasan Summit, Kanlungan Synergies for Clean Air (2 September 2006)

Activities of the Clean Air Youth Alliance (CAYA) members are already taking shape as they initiate their own clean air information campaigns. Twin CAYA Clean Air 101 events – Kanlungan Synergies for Clean Air and the Batang Kalikasan Summit - happened last September 2, 2006. With the intent of infecting more people into the advocacy and generate visible participation in efforts to clean the air, the two CAYA-initiated events were a huge success. As a result, the Kids for Christ intends to produce a module on Energy and Clean Air.

FEU Tamaraw Volunteers “Air Aware Environmental Symposium (19-27 September 2006)

Clad in their yellow and green uniforms, National Service and Training Program (NSTP) students from Far Eastern University signed up to participate in the “Air Aware Environmental Symposium” that was organized by the FEU - Tamaraw Volunteers (TAMVOL), in cooperation with the United States Agency for International Development – Energy and Clean Air Project (USAID –ECAP).

Held at the FEU Auditorium on 19 September 2006, the symposium highlighted the role of the youth as effective stakeholders and advocates of protecting and preserving clean air in their own communities. During the symposium, the student participants and TAMVOL leaders truly reflect the lecture’s theme: “**FEU Students’ Action: GO for Clean Air**” as they burst with fresh ideas and interests on possible clean air initiatives. The event’s resource person, USAID-ECAP Clean Air Activity Manager Evan Dispo emphasized in her presentation, elements that contribute to air pollution, health risks posed by the air pollutants, and initiatives or action plans which the youth may engage in for a sustainable cleaner air.

TAMVOL, an active member of USAID-ECAP’s Clean Air Youth Alliance, has initiated this two-day, four series event, with the objective of empowering the FEU students as watchdog group in support of the effective implementation of Clean Air Act through public education and grassroots activity. As a follow-through activity, participating NSTP classes will formulate their plan of actions from the students with regard to restoration, protection and/or preservation of clean air.

28	Title:	Bikers for Clean Air – Davao
	Type of Assistance:	IEC Activity
	Date/Venue:	13 August 2006
	Partners:	Davao Eagles
	Subcontractor:	Ateneo de Davao University

This is an educational and advocacy event arranged together with the Local Government of Davao City and ADDU-PAO to make the City a healthier place to live by calling for clean air and less smoke from vehicle and people. This year’s “Eagles’ Flight” was celebrated with a 40-kilometer uphill

bikathon from Magsaysay Park to Malagos Park in Davao City. The involvement of the 400 bikers from the different cities of Mindanao wearing green T-shirts sent a strong awareness campaign to everyone for a cleaner air, and long and healthy life. The event has awakened the interests of family, individual, and corporate bikers to demand a better air for Davao City. Highlighting the event was the giving of the awards to recognize the participation of the youngest and oldest bikers (aged 8 & 68), women, family, individual (with lightest bike used), and early bird (first to arrive in Malagos Park).

29	Title:	Traffic and Road Safety Game
	Type of Assistance:	IEC Activity
	Date/Venue:	15 August 2006
	Partners:	Don Bosco Youth Center, Metro Manila Development Authority, Toyota Motors Philippines, Yahoo Philippines, Pepsi Products Philippines, Inc.
	Subcontractor:	Eon

The pilot run of the Traffic and Road Safety Game at the Don Bosco Technical School, Manila, last August 15, 2007 gathered more than 1,000 student participants. Aimed at educating the youth about proper driving skills and its relationship to the clean air advocacy, the said activity presented a make-believe city wherein students wheeled around in pedicabs simulating cars. The make-believe city came complete with traffic signs and real traffic cops; as well as establishments like schools, offices, malls, and hospitals; and, not the least, other participants acting as pedestrians and motorists. The contestants' mission was to complete the course in the least amount of time with the least number of traffic infractions.

The Metro Manila Development Authority; private sector partners Toyota Motors Philippines, Yahoo Philippines, Pepsi Products Philippines, Inc.; and the Don Bosco Youth Center joined the USAID and ECAP in the Traffic and Road Safety Game with the vision of creating safer roads for everyone.

The Traffic and Road Safety Game will be adopted by partner agencies to have a fun and innovative way of inculcating proper road attitude to future drivers. With continued efforts, Philippine roads will surely become smoother with regulated traffic, thereby, lessening unnecessary carbon emissions into the air.

Jose "Boy" Dulce, the originator of the creative concept, imparted "Road safety and courtesy go beyond following (traffic) signs and signals or rules and regulations. A responsible driver has environmentally-sound habits. That would simply mean observing preventive maintenance; using alternative fuels that reduce emissions; and avoiding jackrabbit starts, overloading and idling...A truly safe road is one where people can breathe properly."

30	Title:	"Clean Air for Healthy Lungs" Kids Painting Contest – Lung Month Celebration Activity
	Type of Assistance:	IEC Activity
	Date/Venue:	17 August 2006
	Partners:	Young Artists Fellowship for the Environment, Lung Center of the Philippines
	Subcontractor:	Eon

Kids' imaginations, always a source of colorful and inspiring images, were seen at work during the "Clean Air for Healthy Lungs" painting contest held at the Lung Center of the Philippines.



Aiming to foster a positive attitude for the clean air advocacy, the event focused on inspirational and artistic themes. An inspirational message, “Color our World Green,” was delivered by artist Jomike Tejido of Ilustrador ng Kabataan (Illustrators for Children), a group of artists promoting illustrations for children as well as for environmental advocacies. The vision of Clean Air was also presented through music and dance courtesy of Kids for Christ and the Young Artists Fellowship for the Environment (YAFE).

“It’s a morning of artistic celebration for Clean Air, and it’s a breath of fresh air, so to speak,” said Dr. Rubio. “We think that promoting Clean Air through art, especially for children, can be very effective. We hope that these values and messages for clean air will stay with these children as they grow up.”

Energy and Clean Air Interphase

1	Title:	Mobilizing Local Government Support for Energy & Clean Air
	Type of Assistance:	IEC Activity
	Date/Venue:	Quezon City: 7 March 2006 Davao: 17 March 2006 Baguio: 12 July 2006
	Partners:	Liga ng mga Barangay Local Chapters
	Subcontractor:	Ateneo School of Government, Ateneo de Davao University, University of the Cordilleras

ECAP launched its strategy of partnering with the local government units of its project sites through a symposium entitled, *“Mobilizing Local Government Support for Energy & Clean Air.”* In March 2006, two (2) symposia were conducted, one in Quezon City with 144 participants, and one in Davao City with 70 participants. In July 2006, the third symposium was conducted in Baguio City.

Done in partnership with the local chapters of the Liga ng mga Barangay, the symposium aimed to:

- Provide awareness on the government’s energy development program, the Clean Air Act, and its implications to local government units;
- Impart the concepts of Energy Efficiency/Conservation and Vehicle Preventive Maintenance and its implications to LGU operations; and
- Generate support for recommended actions to implement Energy Efficiency/Conservation and Vehicle Preventive Maintenance in their respective barangays.

Experts and resource persons from ECAP’s government and private partners, DOE, DENR, Toyota Motors Philippines, UNDP-PELMATP were invited to speak on various energy and air quality topics.

The QC, Davao, and Baguio symposia were highlighted by four (4) major activities:

- a. **Turnover of ASB Hand Tools to the QC ASB Team.** Mr. Jose Dulce of USAID led the ceremonial turnover of the ASB tools package to Hon. Mayor Sonny Belmonte of QC.
- b. **Palit-Ilaw sa Bulwagan ng QC Hall.** ECAP partnered with the Philippine Efficient Lighting Market Transformation Program (PELMATP) in implementing the DOE-UNDP/GEF Palit-Ilaw Program in QC Hall. A ceremonial switch-on of the new compact fluorescent lamps (CFLs) in the Bulwagan ng Mayor was led by Hon. Mayor Belmonte and Assistant Secretary Matanog “Diego” Mapandi of DOE. This ceremony signified the QC local government’s support for and intent to practice energy efficiency and conservation.
- c. **Energy Audit of the Dotterwich Building of Ateneo de Davao University.** ECAP is “starting in its own backyard” in supporting and promoting energy efficiency and conservation through ADDU’s voluntary energy audit of the Dotterwich, the oldest building in the campus. An audit team from the DOE Mindanao Field Office conducted the audit last 15 March 2006. The results of the audit were presented during the symposium, together with an expression of support from the ADDU through Engr. Paul Cabrina, Physical Plant and General Services Director, to the National Energy Efficiency and Conservation Program of the DOE. As a next

step, ADDU will be exploring a partnership with the PELMATP to implement the Palit-Illaw program in the university.

- d. **Turn-over of ECAP’s Technical Assistance Package for the Local Government of Davao.** Mr. Ray Goco, ECAP Chief of Party and Ms. Christine Rizado-Omar, ECAP Davao PAO Coordinator led the ceremonial turn-over of ECAP’s TA package to Davao City Administrator Wendel Avisado. The package includes policy, training, and communications assistance in implementing energy efficiency and air quality management programs in Davao City.

All symposia were concluded with the signing of the “Declaration of Commitment” by the barangay captains and representatives from the LGU. The Declaration states the LGUs’ commitment to develop and implement local initiatives supporting energy efficiency and conservation and air quality management.

2	Title:	Office of Energy & Environment Information Booth in Davao City
	Type of Assistance:	IEC Activity
	Date/Venue:	15-17 March 2006
	Subcontractor:	Ateneo de Davao University

The USAID Energy & Environment Information Booth was opened last 15 March 2006, at the SM City Ecoland, showcasing three (3) of the biggest energy and environment projects of USAID: the Philippine Environmental Governance Project (ECOGOV), SEDP, & ECAP. A short ribbon-cutting ceremony was held with students and faculty members from different high schools in Davao City witnessing the event. The information booth was formally opened by Hon. Councilor Mabel Acosta and Atty. Jose Canivel of USAID. The booth was opened until 17 March 2006 and attracted 164 visitors. Volunteer graduate students from ADDU manned the booth and served as advocates for the energy environment programs of USAID.

3	Title:	Participation in the Araw ng Dabaw Parade
	Type of Assistance:	IEC Activity
	Date/Venue:	16 March 2006
	Subcontractor:	Ateneo de Davao University

In cooperation with SEDP’s Clean Cities Program and the Clean Cities Davao Coalition, ECAP participated in the Araw ng Dabaw float parade on 16 March 2005. The float parade is one of the highlights in the celebration of Davao City’s charter day. ECAP carried the theme “*Clean Energy and Clean Air for a Clean City of Davao.*” Representatives from ECAP, SEDP and ECAP Davao PAO also participated in the parade. USAID’s and the other participating floats paraded in the main thoroughfares of the city, culminating in the Davao City Hall for a small ceremony.

4	Title:	Launching of ECAP and Signing of the Declaration of Partnership in Support of ECAP
	Type of Assistance:	IEC Activity
	Date/Venue:	28 February 2006
	Partners:	City Government of Baguio
	Subcontractor:	University of the Cordilleras

To kick-off partnership with the city local government of Baguio and other stakeholders for energy and clean air program, the University of the Cordilleras (UC), an ECAP Project Area Office in Baguio launched the Energy and Clean Air Project that coincided with the Baguio City Flower Festival. The launching ceremony of the Energy and Clean Air Project (ECAP) highlighted with the signing of the Declaration of Partnership among Baguio City stakeholders led by the Mayor Braulio Yaranon together with Vice-Mayor Rey Bautista and the City Councilors generated commitment from 400 participants.

Commitment of the local partners was expressed through a cultural “dance of solidarity” weaving the 3-colored pole fabric to symbolize ‘unity and oneness’ of empowered Baguio community in their commitment to support energy reforms and clean air in Baguio.

5	Title:	Kids for Energy and Clean Air: Celebrating the Future Superheroes of Energy and Clean Air in Cebu
	Type of Assistance:	IEC Activity
	Date/Venue:	16 March 2006
	Partners:	ECADEME
	Subcontractor:	University of the Cordilleras

“How can I be an energy and clean air superhero?”

The “Kids for Energy and Clean Air: Celebrating the Future Superheroes of Energy and Clean Air” helped answer how. About 188 children and 70 parents and coordinators of the Kids for Christ- Cebu Chapter gathered at the Cebu Provincial Capital last May 16, 2006, to learn about energy and electricity, energy conservation, and air quality management.

The event featured a short children’s workshop facilitated by volunteer students from the University of San Carlos-Junior Jaycees, Inc., and the distribution of information materials on energy conservation and air quality. The activity was organized by ECAP in partnership with the University of San Carlos (USC) and the Department of Energy - Visayas Field Office.

6	Title:	Mainstreaming Sustainable Energy and Clean Air Among Academic Institutions
	Type of Assistance:	IEC Activity
	Date/Venue:	April and May 2006
	Partners:	ECADEME
	Subcontractor:	University of the Cordilleras

Administrators, teachers, and students of different academic institutions were taught the basics of Energy and Clean Air and organized into an advocacy group, during the orientation and planning workshops conducted by ECAP in various schools in Baguio and Davao Cities.

In Baguio City, this event became a venue for 56 educators and representatives from government line agencies to convene and formulate individual plans to support energy and clean air initiatives. It was also from this activity that the concept of the Energy and Clean Air Network of Academic Institutions in Baguio and Benguet (ECADEME-BB) was born. The body eventually convened in May 2006 for an organizational and planning workshop. This was organized by the Project through its PAO based in the University of the Cordilleras (UC), with the support of partner agencies from DOE and DENR-EMB Regional Office.

7	Title:	Initiatives on Alternative Fuels
	Type of Assistance:	Policy Advisory Support
	Date/Venue:	July 2006
	Partners:	SEDP, AMORE

ECAP provided support to a collaborative effort among the different projects under the Office of Energy & Environment (OEE) on alternative fuels. ECAP co-organized with SEDP and AMORE a briefing on the Philippine Alternative Fuels industry for USAID. This initiative is an initial response of the OEE Team to the DOE’s request for policy assistance on alternative fuels production, specifically Jatropha.

This initiative resulted in a list of activities that would be undertaken by the different OEE projects. ECAP will be taking the lead in providing the oil content analysis of the Philippine Jatropha variety. For this activity, ECAP will seek the assistance of the DOST.

8	Title:	Presentation of ECAP Updates to Baguio City Mayor
	Type of Assistance:	Program Management
	Date/Venue:	10 July 2006
	Partners:	City Government of Baguio

Members of the ECAP PMT and Baguio PAO – University of Cordilleras paid a courtesy visit to then Mayor Braulio Yaranon of Baguio City last 10 July 2006. The Team provided an update of ECAP’s TA to the City and the different sectors for the past 8 months. Discussion on future collaborative activities and further initiatives such as a city-wide energy audit and strengthen anti-smoke belching campaign for the city also ensued.

9	Title:	Women’s Forum on Energy & Clean Air - Baguio
	Type of Assistance:	IEC Activity
	Date/Venue:	11 July 2006
	Partners:	ECADEME, Kalipi
	Subcontractor:	University of the Cordilleras

In continuous search for partners that will advocate cleaner, sustainable energy, and cleaner air, ECAP has expanded its network to reach out to the women’s sector in its project sites. Last 11 July 2006, a pilot forum for women on the basics of energy efficiency & conservation (EE/C) and on clean

air advocacy was conducted at the University of Cordilleras, in partnership with *Kalipi*, a women's non-government organization in Baguio City.

The objectives of the forum were to 1) broaden the participation of civil society and 2) explore the potential contribution of the women's sector in EE/C and in advocating for cleaner air. Councilors Pinky Chan-Rondez and then Vice-Mayor Peter Rei Bautista graced the forum and provided the participants with their own vision for the participation of the women's sector in caring for the environment. Representatives from the DOE head office and the regional office of DENR-EMB served as resource speakers.

At the end of the forum, the members of *Kalipi* committed to serve as advocates, in their own way for EE/C and clean air. As next step, UC-PAO and *Kalipi* will schedule smaller follow-on orientation sessions on the two topics.

Program Management

1	Title:	ECAP 2006 Work Planning Workshop
	Type of Assistance:	Program Management; Workshop
	Date/Venue:	12-13 October 2006 / Batangas City

In preparation for second year of project implementation, the ECAP-Project Management Team (PMT) conducted a planning workshop last October 2005. Individual workshops were conducted by the Energy, Clean Air, Communications, and Finance/Administrative groups. The objective of the workshop was to develop an indicative work plan for October 2005 to September 2006. Mr. Jim Burke from PA-Washington and Ms. Aurora Caluag from AED also participated in the workshop to provide inputs for the financial and training components, respectively.

The workshop culminated in a plenary session where the different groups presented their outputs to USAID, represented by Mr. Jose Dulce.

2	Title:	Preparation and Finalization of ECAP 2006 Implementation Plan
	Type of Assistance:	Program Management; Workshop
	Date/Venue:	February – April 2006

In response to USAID's technical directions the ECAP undertook immediate and intensive effort to update and finalize its 2006 and LoP work plans .

Both the technical and communication teams revisited the 2005 Implementation Plan to assess which activities are relevant to the current energy and clean air situations, are contributing to USAID's expected results, and will have the most impact given the year's budgetary constraints. This program management activity involved refocusing, realignment and redesigning of many activities, re-scoping of subcontractors' tasks as well as modification of budget. Review of the work plan also extended up to the level of the PAOs to ensure that activities that they will initiate in the respective areas are aligned with USAID's goals and will contribute to the Project's expected results.

ECAP submitted its revised 2006 and Life-of-Project (LoP) work plans to USAID last April. Together with this revision, the PAO work plans were also reviewed and revised accordingly. This was to ensure that activities in the Project sites are aligned with USAID's goals and will contribute to the Project's expected results.

3	Title:	Project Area Office Workshop on Work Plans (PAOWOW)
	Type of Assistance:	Program Management; Workshop
	Date/Venue:	17-18 January 2006

PAOWOW was a two-day activity designed to ensure effective implementation of the USAID and ECAP's goals and expected results for energy and clean air reforms in the USAID's key cities namely: Metro Manila, Baguio, Cebu, and Davao.

The activity gathered in Cavite City the four (4) program coordinators and four (4) research assistants from ECAP's PAOs namely the Ateneo de Manila School of Government (ASG) for Manila, University of the Cordilleras (UC) for Baguio, University of San Carlos (USC) for Cebu, and Ateneo de Davao University (ADDU) for Davao.

To assist the PAOs in effectively implementing ECAP, the Workshop served as a venue for providing the PAOs with critical inputs for finalizing their respective work plans. ECAP also clarified and discussed with the PAOs on their specific roles and responsibilities in program implementation and in meeting administrative procedures and guidelines.

With the participation of other USAID cooperators such as AMORE, KLIMA, and SEDP, the workshop successfully fostered broader partnership among the cooperators and the PAOs.

4	Title:	Energy Program Progress Implementation Review
	Type of Assistance:	Program Management; Workshop
	Date/Venue:	1 August 2006, Discovery Suites

The USAID Office of the Energy and Environment (OEE) conducts *Semi-Annual Implementation Review* with its partner GRP agencies namely DOE and ERC to revisit the progress of energy projects within the period.

In this recent event, the USAID Cooperators (i.e. AMORE, ECAP, and SEDP) presented to their respective beneficiary clients their respective accomplishments, issues encountered, and strategies used in the course of project implementation. Both DOE and ERC responded by acknowledging the assistance extended by USAID through the cooperators. They also shared to the group their priorities for the year and provided strategic directions on how to address the cooperators' identified strategies.

As next steps, the Cooperators will consider the inputs of the GRP partners in their respective workplans. The whole group is set to meet in January for the next Implementation Review.

5	Title:	Project Area Office Workshop on Work Plan Implementation (PAOWOWI)
	Type of Assistance:	Program Management; Workshop
	Date/Venue:	24-25 August 2006

As a follow-up to the PAOWOW last January 2006, ECAP and its project area offices (PAOs) from Metro Manila, Cebu, Baguio, and Davao gathered for its semi-annual program management workshop, this time around entitled *Project Area Office Workshop on Work Plan Implementation (PAOWOWI)*. This activity aimed to ensure the effective implementation of USAID and ECAP's goals and expected results for energy and clean air reforms in its project sites.

More specifically, the goal of the PAOWOWI was to provide insights in implementing the Project in the local areas, which specifically involved citing activities, methodologies and processes, as well as organizational development and partnership building among different local stakeholder groups.

During the activity, the PAOs were re-oriented on their roles and responsibilities and the relationship between ECAP and the PAOs were also clarified.

6	Title:	Energy IEC Summit
	Type of Assistance:	IEC Activity
	Date/Venue:	21-22 September 2006 / Ateneo de Davao University Davao City
	Subcontractor:	Ateneo de Davao University

The whole USAID Energy team composed of the OEE and its three (3) Cooperators gathered in a 2-day event to:

- Come up with the best information, education, and communication (IEC) support possible for USAID Philippines' energy projects
- Ensure that all IEC activities and outputs of the AMORE, ECAP, and SEDP fully support USAID Philippines' IEC goals and fully conform to USAID's policies and processes.

The Summit approached and covered extensively the IEC needs of the energy projects. It began with an introspective activity through an exercise visualizing project success. This was followed by a re-acquaintance of the various energy stakeholders namely the DOE Mindanao Field Office (representing the National Government), the Davao City Government (representing LGU), ADDU (representing academia), the ADDU Student Council President (representing the youth). For effective media relations, the Summit provided for a Q&A with representatives from print, radio and TV media. For educating the group on taking meaningful photos, the Summit also provided for a photography workshop.

In the second day, the team revisited USAID policies on branding and writing success stories. A media briefing was also held to introduce to reporters USAID's energy projects. The rest of day was devoted to sharing of information on effective events organization and management, pursuing successful public-private partnership, and the importance of pre-testing and evaluation of IEC programs.

As possible next steps, the Team is expecting to come up with improved key messages, clear and doable IEC action plans, and an IEC projects monitoring and evaluation plan.