

**ESMAP Portfolio as of December 31, 2003**  
**By Project ID**

<b>P044275</b>	Kazim M. Saeed	Decentralized Rural Electrification	AFR/Cameroon	Publication in Process
<b>P044440</b>	Kazim M. Saeed	Regional Electricity Demand Management TA - Phase II	AFR/AFR	Publication in Process
<b>P044764</b>	Mangesh Hoskote	Malawi: Rural Energy Development	AFR/Malaw	Publication in Process
<b>P053523</b>	Douglas French Barnes	Rural Electrification & Power Reform in Central America	LCR/LCR	Publication in Process
<b>P056928</b>	Philippe J-P. Durand	National Biomass Programme	LCR/Bolivia	Publication in Process
<b>P056929</b>	Philippe J-P. Durand	Country Programme - Phase II	LCR/Bolivia	Publication in Process
<b>P058884</b>	Kazim M. Saeed	Coal Stove Improvement Program	EAP/Mongolia	Publication in Process
<b>P063180</b>	Arun P. Sanghvi	South Africa Workshop - People's Power Workshop	AFR/South Africa	Publication in Process
<b>P064935</b>	Mangesh Hoskote	Opportunities for International Power Trade in the Nile River Basin I	AFR/AFR	Publication in Process
<b>P065449</b>	Rachid Benmessaoud	Energy Sector Regulation (incl gas proj)	ECA/Poland	Publication in Process
<b>P065454</b>	Robert P. Taylor	Energy Efficiency Operational Exchange Program	GLB/Global	Publication in Process
<b>P065461</b>	Rene G. Mendonca	Global Efficiency in Sidi Bernoussi Industrial & Peri-Urban Area	MNA/Morocco	Publication in Process
<b>P065663</b>	Eleodoro O. Mayorga Alba	Training Program for Key Group Representatives From Indigenous People Regional Organizations/Rural Energy Development, Phase 2	LCR/Bolivia	Publication in Process
<b>P066021</b>	Douglas French Barnes	Best Practices for Grid Electrification - Phase 2	GLB/Global	Under Implementation
<b>P068663</b>	Barry Trembath	Regional Electricity Market: Mekong Basin Power Pool Phase II	EAP/EAF	Under Implementation
<b>P068875</b>	Michel E. Layec	Development of a Regional Power Market in West Africa	AFR/AFR	Under Implementation
<b>P069382</b>	Charles P. McPherson	Petroleum Sector Review	AFR/Nigeria	Publication in Process
<b>P069434</b>	James Sayle Moose	Key Aspects of Energy-Environment/GHG Strategy	ECA/Macedonia	Publication in Process
<b>P070678</b>	Sumter Lee Travers	Heat Strategies in Low -income Transition Countries	ECA/ECA;Armenia	Publication in Process
<b>P070684</b>	Chantal Reliquet	Clean Air Initiative in Sub-Saharan African Cities	AFR/AFR	Under Implementation
<b>P070797</b>	Boris Enrique Utria	Advancing Modern Biomass Energy Opportunities & Challenges	GLB/Global	Publication in Process
<b>P070922</b>	Jean-Claude Balcet	Central America Gender in Sustainable Energy	LCR/LCR	Publication in Process
<b>P070938</b>	Douglas French Barnes	Household Energy & Women's Lives: The Case of India	SAR/India	Publication in Process
<b>P070940</b>	Mangesh Hoskote	Power Trade in Nile Basin Phase 2	AFR/AFR	Under Implementation
<b>P072413</b>	Selina Wai Sheung Shum	Philippines - Village Power Fund and Incubator for Renewable Energy Enterprises	EAP/Philippines	Under Implementation
<b>P072626</b>	Douglas French Barnes	Towards Formulating a Rural Energy Strategy	SAR/Bangladesh	Under Implementation
<b>P072936</b>	Mudassar Imran	India - Environmental Policies for the State Power Sector - Rapid Assessment for Karnataka & Rajasthan	SAR/India	Publication in Process

<b>P072947</b>	Paulo De Sa	Vietnam - Policy Dialogue Seminar and New Mining Code	EAP/Vietnam	Under Implementation
<b>P072999</b>	Patrick Labaste	Alternative Energy Applications (Seed Funding)	GLB/Global	Under Implementation
<b>P073016</b>	Chandrasekar Govindarajalu	Developing Financial Intermediation Mechanisms for Energy Efficiency Projects in Brazil, China and India.	GLB/Global	Under Implementation
<b>P073145</b>	Jian Xie	Developing Regional Clean Air Networks	GLB/Global	Under Implementation
<b>P073293</b>	Clemencia Torres	Nicaragua - Pilot Commercialization of Improved Cookstoves	LCR/Nicaragua	Under Implementation
<b>P073366</b>	Gary Stuggins	Lithuania - Heating Supply to Small Cities/Towns	ECA/Lithuania	Under Implementation
<b>P073535</b>	Charles M. Feinstein	Mexico - TA for Long-Term Program for Renewable Energy Development	LCR/Mexico	Under Implementation
<b>P073630</b>	Ede Jorge Ijjasz-Vasquez	Energy Efficiency in Urban Water Utilities in Central Asia: The Uzbekistan Case.	ECA/Central Asia	Publication in Process
<b>P073751</b>	Robert W. Bacon	Assessing the Impacts of Energy Sector Reform on the Poor	GLB/Global	Under Implementation
<b>P073936</b>	Mangesh Hoskote	CDM-assist: A Collaborative Program to Build CDM Capacity in Africa	AFR/AFR	Publication in Process
<b>P073965</b>	Malcolm Cosgrove-Davies	Initiating the Bank's Peri-Urban/Rural and Renewable Energy Activities in Nigeria	AFR/Nigeria	Publication in Process
<b>P074149</b>	Jayme Porto Carreiro	Brazil - Rural Electrification Strategy	LCR/Brazil	Under Implementation
<b>P074232</b>	Yewande Aramide Awe	Health Impacts of Traditional Fuel Use	LCR/Guatemala	Publication in Process
<b>P074337</b>	Quentin T. Wodon	LCR - Low Income Energy Assistance	LCR/LCR	Under Implementation
<b>P074455</b>	Charles P. McPherson	Petroleum Revenue Management Conference	GLB/Global	Publication in Process
<b>P074622</b>	Dominique M. Lallement	Global Village Energy Partnership (GVEP)	GLB/Global	Publication in Process
<b>P074684</b>	Masaki Takahashi	China: Policy Advice on Implementation of Clean Coal Technology projects. Phase II	EAP/China	Under Implementation
<b>P075127</b>	Clemencia Torres	Technical Assistance to Proposed Expansion of Solar-Net Village Program	LCR/Honduras	Under Implementation
<b>P075756</b>	Kseniya Lvovsky	Access of the Poor to Cleaner Household Fuels in India	SAR/India	Publication in Process
<b>P076081</b>	Clemencia Torres	Regulatory Issues of Off-Grid Energy Service Delivery as Part of National Rural Electrification Strategies	LCR/LCR	Under Implementation
<b>P076111</b>	Charles A. Husband	Capacity Building for National and Provincial Socially and Environmentally Sustainable Management of Coal Resources in China	EAP/China	Publication in Process
<b>P076113</b>	Rebecca C. Sekse	Cambodia - Renewable Energy Action Plan	EAP/Cambodia	Under Implementation
<b>P076471</b>	Salvador Rivera	Energy Efficiency in Water Utilities - Seed Funding	EAP/China	Under Implementation
<b>P076709</b>	Marialisa Motta	Lessons on Offgrid Electricity, Business Development Services and Microcredit (Seed Funding)	LCR/Nicaragua	Under Implementation
<b>P076760</b>	Alan F. Townsend	Azerbaijan - Natural Gas Sector Restructuring and Regulatory Reform	ECA/Azerbaijan	Under Implementation
<b>P077061</b>	Mourad Belguedj	Nigeria LPG Market Development and Access Expansion	AFR/Nigeria	Publication in Process
<b>P077534</b>	Koffi Ekouevi	Workshop on Rural Energy and Sustainable Development	AFR/Cote d'Ivoire	Under Implementation
<b>P077801</b>	Horacio Terraza	Energy From Landfill Gases for the LCR Region: Best Practice and Social Issues	LCR/LCR	Under Implementation
<b>P077887</b>	M. Iqbal	Opportunity for Women in Renewable Energy Technology Utilization in Bangladesh (Phase 2)	SAR/Bangladesh	Under Implementation

<b>P077905</b>	Olivier P. Fremond	Regional Approaches to Energy Sector Reform and Renewable Energy Development in Small Island Economies	LCR/LCR	Under Implementation
<b>P078011</b>	Juan D. Quintero	Good Practice Case Study in Integrating Environment into Gas and Oil Pipeline Projects: Experiences Based on the Bolivia-Brazil Gas Pipeline	LCR/Bolivia;Brazil	Publication in Process
<b>P078016</b>	Kofi-Boateng Agyen	Women's Energy Enterprise:Developing a Model for Mainstreaming Gender into Modern Energy Service Delivery	AFR/Ghana	Under Implementation
<b>P078199</b>	Todd M. Johnson	Capacity Building and Policy Assessment in Indoor Air	GLB/Global	Under Implementation
<b>P078333</b>	Jeffrey Davidson	Pioneering New World Bank Approaches in Support of Sustainability in the Extractive Sector	GLB/Global	Under Implementation
<b>P078519</b>	Clemencia Torres	Policy & Strategy for the Promotion of Renewable Energy Resources in Nicaragua	LCR/Nicaragua	Under Implementation
<b>P078599</b>	Dana Rysankova	Village Power Partnership for Latin America and the Caribbean (VPP-LAC)	LCR/LCR	Under Implementation
<b>P078804</b>	Todd M. Johnson	Source Apportionment of Fine Particulates in Developing Countries	GLB/Global	Under Implementation
<b>P079802</b>	Philippe J-P. Durand	Stimulating the Market for Family-Hydro for Low -Income Households in Ecuador	LCR/Ecuador	Under Implementation
<b>P080210</b>	Eleodoro O. Mayorga Alba	Clean Fuels Africa Project: Phasing Out Leaded Gasoline in SSA Importing Countries	AFR/AFR	Publication in Process
<b>P080290</b>	Enis Baris	Sustainable and Efficient Energy Use to Alleviate Indoor Air Pollution in Poor Rural China	EAP/China	Under Implementation
<b>P080572</b>	Kyran O'Sullivan	Energy Poverty and Access	MNA/Yemen	Under Implementation
<b>P080820</b>	Robert W. Bacon	Power Sector Reform in Africa: Assessing the Impact on the Poor and Influencing Policy Decisions	AFR/AFR	Under Implementation
<b>P081780</b>	Subramaniam V. Iyer	Expanding Rural Access to Infrastructure	AFR/Nigeria	Under Implementation
<b>P081789</b>	Luiz T. A. Maurer	Rationing Energy in a "Rational" Way	GLB/Global	Under Implementation
<b>P081804</b>	Charles P. McPherson	Governance of National Oil Companies	GLB/Global	Under Implementation
<b>P081943</b>	Jennifer J. Sara	Rural Infrastructure in Chile: Improving Efficiency and Reaching the Poor	LCR/LCR	Under Implementation
<b>P081979</b>	Dominique M. Lallement	Energy and Poverty Workshop (Francophone)	AFR/AFR	Under Implementation
<b>P081980</b>	Waafas Ofosu-Amaah	Mainstreaming Gender into Energy Projects	GLB/Global	Publication in Process
<b>P082119</b>	Arun P. Sanghvi	Africa Rural and Renewable Energy Initiative (AFRREI)	AFR/AFR	Under Implementation
<b>P082160</b>	Robert P. Taylor	Development of Pro-poor National Heat Pricing and Billing Policy	EAP/China	Under Implementation
<b>P082236</b>	Anh Nguyet Pham	Rural Electrification Policy Development and Conceptual Design of Energy Services Delivery Projects to Improve Rural Health and Education Service Delivery	EAP/Papua New Guinea	Under Implementation
<b>P082262</b>	Selina Wai Sheung Shum	Rural Electrification Regulation Framework	EAP/Philippines	Under Implementation
<b>P082757</b>	Subramaniam V. Iyer	Energy Sector Strategy	AFR/Ghana	Under Implementation
<b>P082869</b>	Noureddine Berrah	Scoping Study for Voluntary Green Electricity Schemes in Beijing and Shanghai	EAP/China	Under Implementation
<b>P082872</b>	Rachel Kaufmann	Improved Heating Stoves & Health Impact on Low Income Consumers	EAP/Mongolia	Under Implementation
<b>P083015</b>	Amarquaye Armar	Design and Pilot Testing of Capacity Building Product line for SME Utility Service Providers in West Africa	AFR/AFR	Under Implementation

<b>P083199</b>	Rebecca C. Sekse	Capacity Building for the Electricity Authority of Cambodia	EAP/Cambodia	Under Implementation
<b>P083526</b>	Kwawu Mensan	Assessment of Power Sector Reform Priorities in Selected Countries in Sub-Saharan Africa: A Survey of African Power Sector Decision-makers	AFR/AFR	Under Implementation
<b>P083648</b>	Rene G. Mendonca	Regional Workshop At Sidi Bernoussi, Morocco Dissemination of the results of the ESMAP Sidi Bernoussi industrial park study	MNA/Morocco	Under Implementation
<b>P083893</b>	Silvana Tordo	Revenue Management Seminar	AFR/Chad	Publication in Process
<b>P084578</b>	Dominique M. Lallement	Central Africa Energy and Poverty Workshop	AFR/Cameroon;Chad;Congo;Cote d'Ivoire;Madagascar;Niger	Publication in Process
<b>P084841</b>	Arun P. Sanghvi	Developing a Sectoral Energy Poverty Index	GLB/Global	Under Implementation
<b>P085108</b>	John E. Strongman	Women in Mining Voices for Change Conference	GLB/Global	Publication in Process
<b>P085163</b>	Amarquaye Armar	Knowledge Transaction: Reducing Energy Costs in Water Supply Operations	GLB/Global	Under Implementation
<b>P085197</b>	Amarquaye Armar	Expanding SME Outsourcing Opportunities from Utility Sector Reform - A Survey of Eastern and Southern Africa	AFR/AFR	Under Implementation
<b>P085218</b>	Kazim M. Saeed	Review of ESMAP's Energy Sector Reform & Market Development Work	GLB/Global	Under Implementation
<b>P085219</b>	R. Anil Cabraal	Toolkit for Scaling up Rural Energy Access	GLB/Global	Under Implementation
<b>P085304</b>	Agata Pawlowska	Impact on the Poor of the Electricity Sector Reform in the Kingdom of Lesotho	AFR/Lesotho	Under Implementation
<b>P085314</b>	Barry Trembath	Greater Mekong Sub-region Power Trade Strategy Meeting	EAP/EAF	Under Implementation
<b>P085440</b>	Ranjit J. Lamech	Strategy to Expand Gas Distribution and Utilization in Turkey	ECA/Turkey	Under Implementation
<b>P085637</b>	Masami Kojima	Pakistan - Household Impact Analysis of the Energy Sector Reform	SAR/Pakistan	Under Implementation
<b>P085999</b>	Arun P. Sanghvi	Promoting Productive Uses of Electricity in Rural Areas	AFR/AFR	Under Implementation
<b>P086036</b>	Jitendra J. Shah	Diesel Pollution Reduction Strategies for Cities	LCR/EAP;LCR	Under Implementation
<b>P086110</b>	Eleodoro O. Mayorga Alba	Energy, Population and Environment	LCR/LCR	Under Implementation
<b>P086164</b>	Anna Bjerde	Energy Sector Strategy for Poverty Reduction and Growth	MNA/Djibouti	Under Implementation
<b>P086241</b>	Kyran O'Sullivan	Guidelines for Designing Energy Modules in Multi-Topic Household Surveys	GLB/Global	Under Implementation
<b>P086256</b>	Charles M. Feinstein	Innovative Financing Mechanism for Energy Efficiency	LCR/Mexico	Under Implementation
<b>P086287</b>	Christophe de Gouvello	Multisectoral Operational Plan to Maximize Poverty Reduction Impact of Rural Electrification in Senegal	AFR/Senegal	Under Implementation
<b>P086326</b>	Arun P. Sanghvi	AFTEG Rural and Renewable Energy	AFR/AFR	Under Implementation
<b>P086326</b>	Arun P. Sanghvi	AFTEG Rural and Renewable Energy	AFR/AFR	Under Implementation
<b>P086355</b>	Raghuveer Y. Sharma	Provision of Energy Services to the Poor in Tajikistan	ECA/Tajikistan	Under Implementation
<b>P086363</b>	Salvador Rivera	Infrastructure Services to the Rural Poor	EAP/Mongolia	Under Implementation
<b>P086537</b>	Robert W. Bacon	Alleviating Urban Energy Poverty in Latin America: The Brazilian Case	LCR/Brazil	Under Implementation
<b>P086700</b>	Sarah Keener	Ghana Energy PSIA of Energy Sector Reforms	AFR/Ghana	Under Implementation

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David Kennedy

Development of Power Generation in South East  
Europe -- Implications for Investments in  
Environmental Protection

ECA/ECA

Under Implementation