



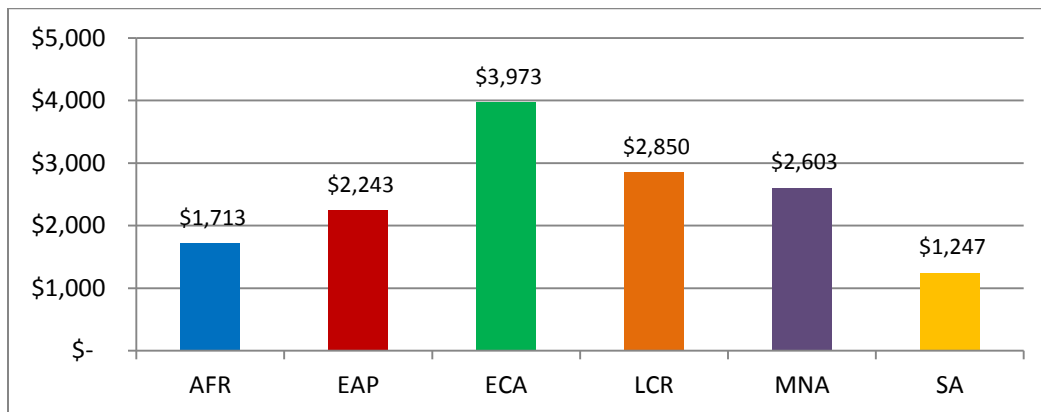
Development Financing Informed or Influenced by ESMAP Activities (FY09-FY13)

ESMAP played a key role in influencing the quality and direction of the **World Bank Group’s lending** in energy sector. Over the five-year business plan period of FY2009 through FY2013, ESMAP contributed to the identification and design of WBG energy sector lending of **\$14.6 billion**. These lending operations in turn leveraged a further \$15 billion in funding from public, private and other international sources.

▪ ***Lending Informed by Region***

The Europe and Central Asia region had the largest volume of lending influenced by ESMAP activities during the FY09-13 period with \$3,973 million, followed by the Latin America and Caribbean region with \$2,850 million. It should be noted however, that while ECA activities had the largest volume of World Bank lending influenced represented by only eight loans, the EAP region had highest number of outcomes achieved (measured in terms of number of 16 loans approved) with \$2,243 million.

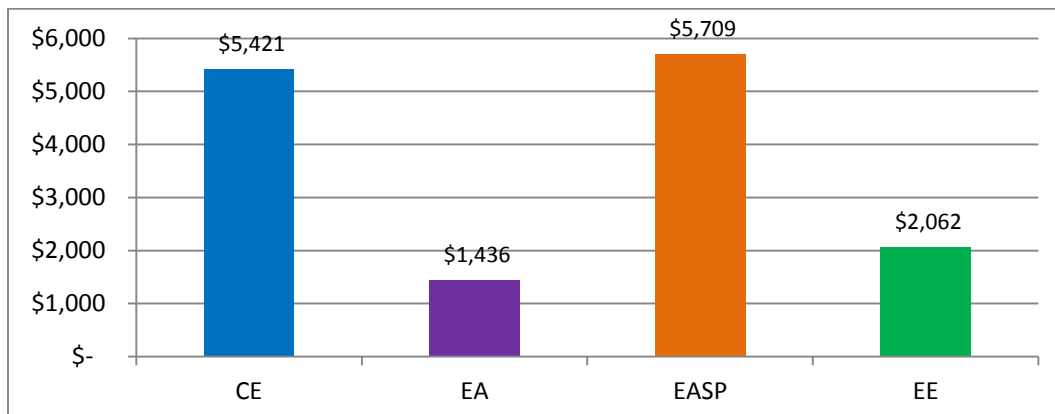
Figure 1 – Lending Informed by Region during FY2009-2013 Business Period (US\$ million)



▪ ***Lending Informed by ESMAP Program***

Program-wise, the lending operations informed and influenced were mostly concentrated under the Energy Assessment and Strategies Program (EASP) and the Clean Energy program with about 76% of the total lending volume.

Figure 2 – Lending Informed by ESMAP Program during FY2009-2013 Business Period (US\$ million)



World Bank Group Lending Operations Influenced by ESMAP Activities FY09-13

Over the past five fiscal years (FY2009 through FY2013), ESMAP activities have contributed to the identification and design of approved World Bank Group energy lending of \$14.6 billion. The following is a list of lending operations influenced by ESMAP activities during this period.

WBG LENDING OPERATION	REGION	COUNTRY
Regional and Domestic Power Market Development Project	AFR	Africa
Southern African Power Market Project (Adaptable Program Loan 1)	AFR	Africa
Energy Access Project	AFR	Burkina Faso
Energy Sector Development Project	AFR	Cameroon
Forest Investment Program	AFR	Congo, Democratic Republic of
Growth with Governance in the Mineral Sector	AFR	Congo, Democratic Republic of
West Africa Power Pool Adaptable Program Loan 4 (Phase 1)	AFR	Côte d'Ivoire, Sierra Leone Liberia, Guinea
Ghana Energy Development and Access Project (GEDAP)	AFR	Ghana
Electricity Expansion Project	AFR	Kenya
Liberia Electricity System Enhancement Project (Additional Financing)	AFR	Liberia
Lighting Lives in Liberia	AFR	Liberia
Energy Sector Project	AFR	Malawi
Household Energy and Universal Access Project (Additional Financing)	AFR	Mali
Scaling Up Renewable Energy Program	AFR	Mali
Energy Development and Access Project	AFR	Mozambique
Energy Development and Access Project (EDAP)	AFR	Mozambique
Mozambique-Malawi Transmission Interconnection Project (Adjustable Programmatic Loan 2)	AFR	Mozambique-Malawi
Electricity Access Scale-up and Sector Wide Approach Development Project	AFR	Rwanda
Second Sustainable and Participatory Energy Management Project (PROGEDE II)	AFR	Senegal
Eskom Renewables Support Project	AFR	South Africa
Energy Development and Access Project	AFR	Tanzania
Sustainable Management of Mineral Resources	AFR	Tanzania
Rural Electrification and Transmission Project	EAP	Cambodia
Beijing Rooftop Solar Photovoltaic Scale-Up (Sunshine Schools) Project	EAP	China
Global Environment Facility Provincial Energy Efficiency Scale-up Program	EAP	China
Global Environment Facility Tianjin Eco-city Project	EAP	China
Guangdong Green Freight Demonstration Project	EAP	China
Ningbo New Countryside Development Project	EAP	China
Shandong Province Energy Efficiency	EAP	China
Urban Scale Building Energy Efficiency and Renewable Energy Project	EAP	China
Climate Change Development Policy Loan I	EAP	Indonesia
Climate Change Development Policy Loan II	EAP	Indonesia
Geothermal Clean Energy Investment Project	EAP	Indonesia
Rural Electrification Project – Phase I (Adaptable Program Loan)	EAP	Lao People's Democratic Republic
Rural Electrification Project – Phase II	EAP	Lao People's Democratic Republic

Mining Sector Technical Assistance Project	EAP	Mongolia
Second Mining Sector Institutional Strengthening Technical Assistance	EAP	Papua New Guinea
Clean Technology Fund (IFC)	EAP	Philippines
Kunming Urban Rail Project	EAP	China
Climate Change Development Policy Loan 1	EAP	Vietnam
Climate Change Development Policy Loan 2	EAP	Vietnam
Ho Chi Minh City Green Transport	EAP	Vietnam
Poverty Reduction Strategy Credit 10	EAP	Vietnam
Power Sector Reform (Development Policy Operation 2)	EAP	Vietnam
Vietnam Poverty Reduction Strategy Credit 9	EAP	Vietnam
Vietnam Transmission and Distribution (Additional Financing 2)	EAP	Vietnam
Electricity Supply Reliability Project	ECA	Armenia
Energy Efficiency Project	ECA	Armenia
First Competitiveness and Growth Development Policy Operation	ECA	Georgia
Second Competitiveness and Growth Development Policy Operation	ECA	Georgia
Global Environment Facility Sustainable Energy Project	ECA	Macedonia, former Yugoslav Republic of
Energy Project II (Additional Financing)	ECA	Moldova
Energy Efficiency Development Policy Loan	ECA	Poland
Energy Community of South East Europe Adaptable Program Loan	ECA	South Eastern Europe
Energy Community of South East Europe (ECSEE) Adaptable Program Loan #6	ECA	Turkey
Environmental Sustainability and Energy Sector (Development Policy Loan 2)	ECA	Turkey
Private Sector Renewable Energy and Energy Efficiency Project	ECA	Turkey
Private Sector Renewable Energy and Energy Efficiency Project (Additional Financing)	ECA	Turkey
Programmatic Electricity Sector Development Policy Loan	ECA	Turkey
Small- and Medium-Enterprises Energy Efficiency Project	ECA	Turkey
Energy Efficiency Project	ECA	Ukraine
Ukraine Energy Efficiency Project	ECA	Ukraine
Energy Efficient Industrial Enterprises	ECA	Uzbekistan
Decentralized Infrastructure for Rural Transformation Project (IDTR)	LCR	Bolivia
Electrobras Distribution Rehabilitation Project	LCR	Brazil
Rebuilding Energy Infrastructure and Access Project	LCR	Haiti
Power Sector Efficiency Enhancement Project (PROMEF)	LCR	Honduras
Scaling Up Renewable Energy Program - Honduras Investment Plan	LCR	Honduras
Energy Investments and Technical Assistance	LCR	Jamaica
Efficient Lighting and Appliances	LCR	Mexico
Framework for Green Growth Development Policy Loan	LCR	Mexico
Global Environment Facility Energy Efficient Lighting and Appliances Project	LCR	Mexico
Global Environment Facility Wind Umbrella Project III	LCR	Mexico
Low Carbon Development Policy Loan	LCR	Mexico
First Rural Electrification Project	LCR	Peru
Rural Electrification Project	LCR	Peru
Second Rural Electrification Project	LCR	Peru
Administracion de las Obras Sanitarias del Estado (OSE) Response for Climate Change Project	LCR	Uruguay
Geothermal Power Generation Project	MNA	Djibouti
Ain Sokhna Power	MNA	Egypt, Arab Republic of
Giza North Power Project	MNA	Egypt, Arab Republic of
Helwan South Power Project	MNA	Egypt, Arab Republic of
Kom Ombo Solar Power	MNA	Egypt, Arab Republic of

Wind Power Development Project	MNA	Egypt, Arab Republic of
Energy Sector Development Policy Loan	MNA	Morocco
Ouarzazate Concentrated Solar Power	MNA	Morocco
Urban Transport Development Policy Loan	MNA	Morocco
Concentrated Solar Power	MNA	Tunisia
Energy Efficiency and Renewable Energy Investment Project	MNA	Tunisia
Tunisian Electricity and Gas Company (STEG) Concentrated Solar Power	MNA	Tunisia
Municipal Development Program Phase I	MNA	West Bank and Gaza
Power System Development Project	SAR	Afghanistan
Clean Air Sustainable Environment (CASE) Project	SAR	Bangladesh
Rural Electrification and Renewable Energy Development (RERED; Additional Funding)	SAR	Bangladesh
Coal-Fired Generation Rehabilitation (IBRD)	SAR	India
Coal-Fired Generation Rehabilitation (GEF)	SAR	India
Haryana Power System Improvement Project	SAR	India
IFC Loan for Maharashtra State Electricity Transmission Corporation Limited (MSETCL)	SAR	India
Kabeli Transmission Project	SAR	Nepal
Electricity Distribution and Transmission Improvement Program Project	SAR	Pakistan

World Bank Regions | **AFR** – Africa | **EAP** – East Asia and Pacific | **ECA** – Europe and Central Asia | **MNA** – Middle East and North Africa | **LCR** – Latin American and the Caribbean | **SAR** – South Asia