Engineering, Economics and Regulation
for Energy Access in Developing Countries: Institutions
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Outline

1. What do people think of when I say “Institutions” involved in energy access?
2. Why spend time on institutions?
3. The motivations of outside actors.
4. The Institutional Players: Bilateral Aid and Development Agencies, Trade Promotion Agencies, Development Banks (not the IMF).
   1. Bilateral Aid and Development Agencies
      1. USAID (Power Africa)
      2. DFID, NORAD, EU
   2. Trade Promotion Agencies
      1. OPIC
      2. EXIM
   3. The Multilateral Institutions - (WB, IMF), UN, WTO, ADB, EDB, AfDB, IDB
      1. Development Banks: World Bank, AfDB, ADB, IDB, AIIB
      2. World Bank - IFC (plus private sector), IBRD, IDA, MIGA, (ICSID - Int. Cent. Sett. Inv. Disp.)
      3. UN (SE4All, GEF)
The International Bank for Reconstruction and Development (IBRD)
Established 1944 | 189 member countries

Fiscal 2017 commitments
$22.6 billion for 133 approved operations

Cumulative lending (since 1945)
$681.3 billion

The International Development Association (IDA)
Established 1960 | 173 member countries

Fiscal 2017 commitments
$19.5 billion for 261 approved operations

Cumulative lending (since 1960)
$345.5 billion

2017 total including IFC $59B
World Bank Funding in 2017

IBRD and IDA Lending by Region | Fiscal 2017

Share of total lending of $42.1 billion
Little IBRD Lending Goes to Africa

IBRD Lending by Region | Fiscal 2017
The largest share of IBRD lending went to Latin America and the Caribbean

Share of total lending of $22.6 billion
But IDA lending does

IDA Lending by Region | Fiscal 2017
The largest share of IDA lending went to Africa

Share of total lending of $19.5 billion
Energy is a Major Global Category

IBRD and IDA Lending by Sector | Fiscal 2017

Share of total lending of $42.1 billion

- Agriculture, Fishing, and Forestry: 10%
- Education: 14%
- Energy and Extractives: 15%
- Financial Sector: 16%
- Health: 7%
- Social Protection: 7%
- Industry, Trade, and Services: 6%
- Information and Communications Technologies: 2%
- Public Administration: 6%
- Transportation: 7%
- Water, Sanitation, and Waste Management: 10%
Lending to Africa was typical

Africa

IBRD and IDA Lending by Sector | Fiscal 2017

Share of total lending of $11.8 billion 90% IDA credits
Energy is also large for South Asia

South Asia
IBRD and IDA Lending by Sector | Fiscal 2017
Share of total lending of $6.1 billion 63% IDA credits

- Agriculture, Fishing, and Forestry
- Education
- Energy and Extractives
- Financial Sector
- Health
- Industry, Trade, and Services
- Information and Communications Technologies
- Public Administration
- Social Protection
- Transportation
- Water, Sanitation, and Waste Management
Europe and Central Asia Important

Energy and Extractives
IBRD and IDA Lending by Region | Fiscal 2017

Share of total lending of $6.3 billion

- Africa: 35%
- East Asia and Pacific: 14%
- Europe and Central Asia: 26%
- Latin America and the Caribbean: 14%
- Middle East and North Africa: 3%
- South Asia: 8%