

BUSINESS
OPPORTUNITIES
FAIR



ADB Headquarters, Manila, Philippines



7th ADB Business Opportunities Fair

Energy Sector Group– SDCC

Priyantha Wijayatunga

Principal Energy Specialist

16 March 2016

The views expressed in this presentation are the views of the author/s and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy of the data included in this presentation and accepts no responsibility for any consequence of their use. The countries listed in this presentation do not imply any view on ADB's part as to sovereignty or independent status or necessarily conform to ADB's terminology.

ADB

Outline

- **Context**
 - ADB Strategy 2020
 - Energy Policy of 2009
- **Overview of the Sector**
 - ADB's Energy Sector pipeline
- **Programs and Approaches**
- **General Business Opportunities**

ADB Strategy 2020

- Development Agendas
 - Inclusive growth
 - Environmentally sustainable growth
 - Regional integration
- Drivers for change
 - Private sector development
 - Good governance
 - Gender equity
 - Capacity development
 - Partnerships

Energy Policy 2009

- Promoting energy efficiency and renewable energy
- Maximizing access to energy
- Promoting energy sector reform, capacity building and good governance

Energy Sector Investments - 2105

- Total investment – \$5.65 billion

Thermal Power	187	3%
Large Hydro	65	1%
Renewable Energy	177	3%
Electricity T&D	3,390	60%
Gas Pipelines	475	8%
District Heating	130	2%
Energy Efficiency & Conservation	100	2%
Sector Reforms	1,118	20%

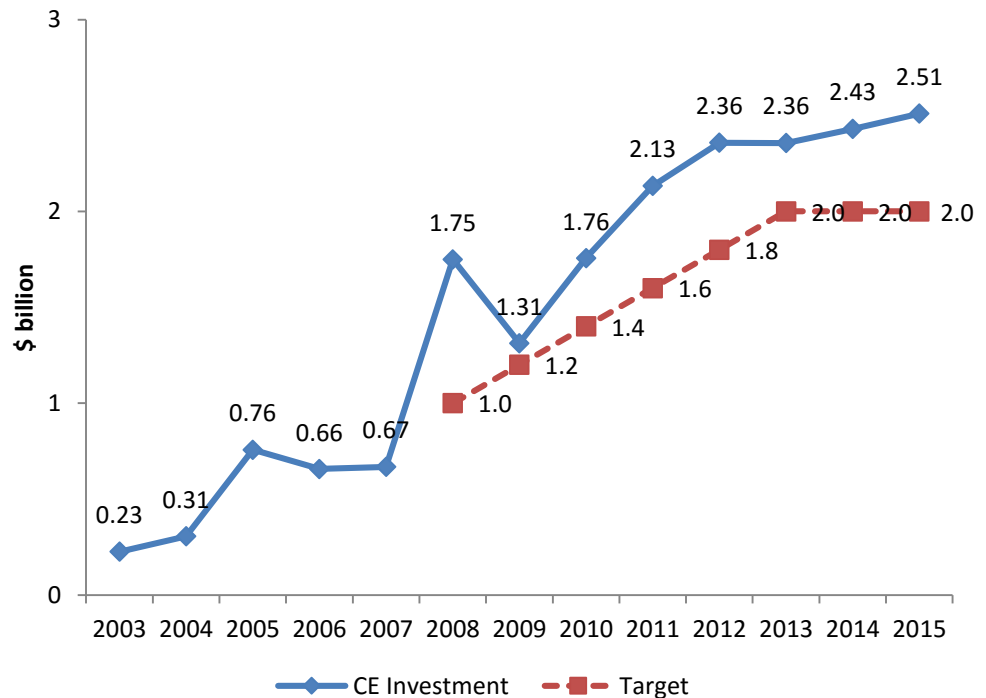
ADB's Energy Sector Approvals 2015

- Sovereign Loan approvals was \$ 4.25 billion.
 - Project loans and MFF Tranches amounted to \$ 2.85 billion
 - Pakistan \$ 800 million, India \$ 625 million Uzbekistan \$ 450 million, Bangladesh \$ 325, Vietnam \$ 230, PRC \$ 230 million, Myanmar \$ 120 million
 - grant financing of \$ 304 million (i.e. \$ 275 million is for Afghanistan).
 - \$ 700 million for policy based loans (PBL) in PRC and Indonesia.
 - \$ 575 million results based loan (RBL) in Indonesia.
- Non sovereign loan approvals was \$ 1.4 billion.
 - Include \$ 475 million for gas field development in Azerbaijan and \$ 180 million gas field development in Pakistan.
 - \$ 126 million for wind power in Thailand and \$ 20 million in Philippines.
 - \$ 500 million for transmission grid straitening in India
 - \$ 65 million for large hydro project in Pakistan

Clean Energy Investments

- Investments grown over the years

- Renewable Energy
- Energy Efficiency: supply side and Demand Side
- Transmission investments supporting RE
- Policy reforms to support RE



Clean Energy Investments ...

- In 2015 - \$ 2.5 billion
- Cumulative investment from 2009 \$14.8 billion
 - 10GW of renewable energy capacity
 - 31 TWh of electricity
 - 93 million tons of CO2 abatement per year
 - Saved 56 TWh of electricity

Energy for All Program

- ADB – Asia and Pacific regional hub of global Sustainable Energy for All (SE4ALL)
- ADB Financing of \$1.5 billion in 2015
- Cumulative investment \$6.4 billion
- About 3.6 million households provided with access to modern forms of energy
- Technical Assistance
 - Prepare projects in micro and mini power grids, urban poor access and facilitate investments in energy access

Reforms and Capacity Development

- Technical Assistance In 2015, \$26.7 million
 - Project Preparatory Technical Assistance (PPTA)
 - Energy sector master plans
 - Supporting regional cooperation in energy
 - RETA for Scaling up of renewable energy and accelerating energy efficiency investments
 - Structuring PPPs in energy sector
 - Regulatory capacity building

More to follow:
ADB's Lending and
Non-Lending Pipeline by the Regional
Departments

Contact person:

Priyantha Wijayatunga
pwijayatunga@adb.org

