

ADB's ENERGY SECTOR OPERATIONS

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July, 2015

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Outline

- Context
 - The Development Agenda: Strategy 2020
 - 2009 Energy Policy
- Overview of the Sector
 - Volume by Type of Assistance
 - The Greening of the Energy Agenda
- Programs and Approaches

STRATEGY 2020

- **Development Agenda**
 - Inclusive Economic Growth
 - Environmentally Sustainable Growth (key: Climate Change, etc.)
 - Regional Integration
- **Core Areas of Operation**
 - Infrastructure (key: energy, etc.)
 - Environment
 - Regional Cooperation and Integration
 - Financial Sector Development
 - Education

Mid-Term Review of Strategy 2020

Key Messages

- Reiterates the validity and relevance of Strategy 2020
- Reaffirms ADB's vision of an Asia-Pacific free of poverty
- Resolves to sharpen and realign operational focus in light of emerging challenges of the transforming region

2009 Energy Policy Objective

“ To help DMCs provide reliable, adequate, and affordable energy for inclusive growth in a socially, economically, and environmentally sustainable way.”

Energy Policy 2009

- **Energy Security**
 - Increasing demand for energy
 - Volatility in energy prices
- **Climate Change**
 - Significance of global warming and climate change cannot be overemphasized
 - Need to promote low carbon emission options and technologies
- **Energy Access**
 - MDG targets cannot be met without modern energy for all
 - 2.5 billion people rely on traditional biomass
 - Mobilizing financing is challenging

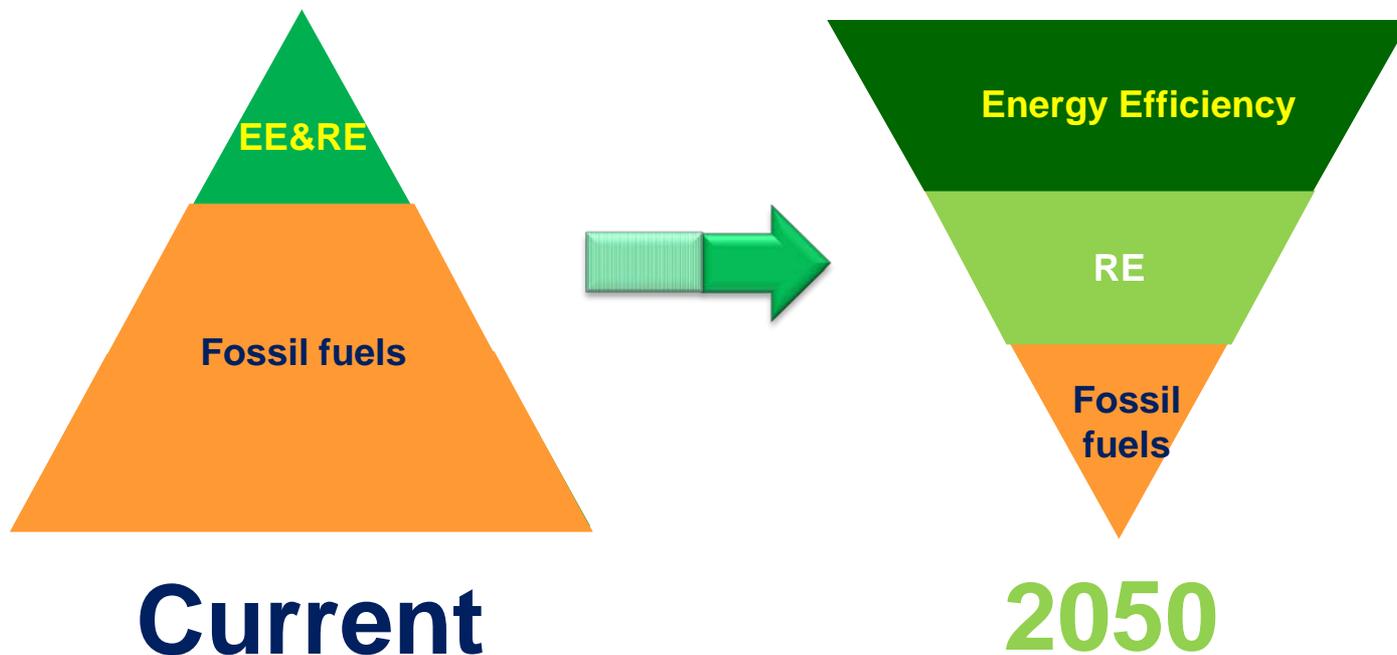
Energy Sector Lending 2008-2014

Energy Sector Approvals, 2008-2014 (in US\$ million)				
Year	Public Sector Loans	Non-Sovereign Investments	Grants	Technical Assistance
2008	1,363.40	1,259.08	259.9	16.50
2009	1,908.01	469.07	95.3	32.91
2010	1,865.90	848.11	215.95	37.26
2011	2,896.69	1,461.61	125.70	51.10
2012	1,943.19	757.74	258.50	29.38
2013	2,879.44	679.00	459.37	43.37
2014	1,915.84	1,054.00	274.70	40.02

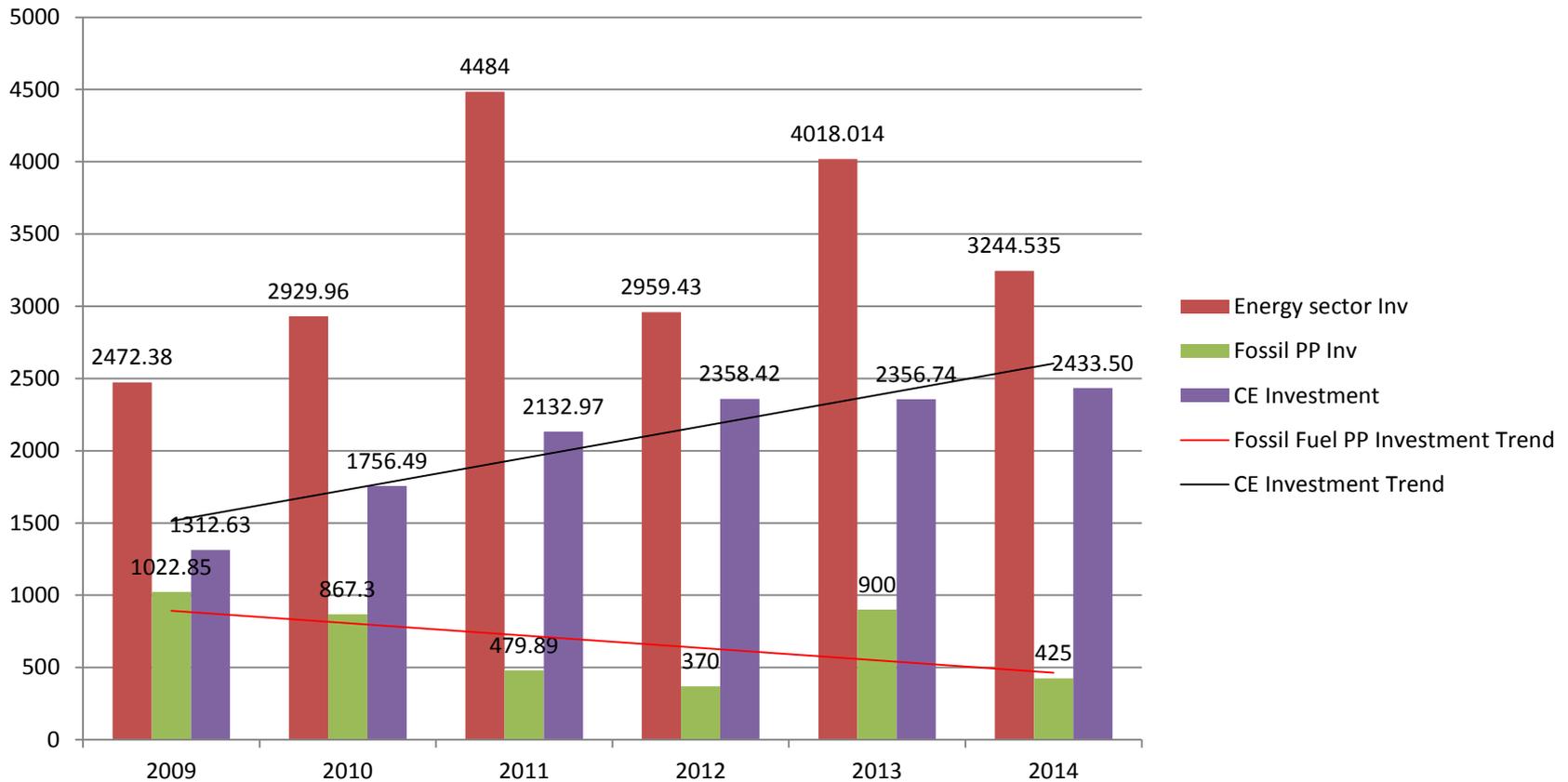
The ADB Clean Energy Program

- To accelerate low-carbon growth and reduce greenhouse gas emissions in the region, ADB set the following targets:
 - \$1 billion annual target of clean energy investments from 2008
 - \$2 billion annual target of clean energy investments from 2010

Market Transformation: Unlock Asia's Clean Energy Future



Trend in clean energy investments 2009-2014



Energy Sector Group's Operational Focus (2015-17)

1. Demand Side Energy Efficiency (Industrial and Building)



2. Solar (Rooftop/ Ground mounted)



3. Smart Grid/ Mini Grid



Knowledge and Skill Anchor

- Optimizing Staff Resource:
 - 1. Meeting the skills gap in the sector (in-depth trainings, recruitment plan)
 - 2. Facilitating cross Division staff sharing in Energy Sector Group

- Knowledge Leadership
 - Organizing high profile events, e.g. Asia Clean Energy Forum
 - Publishing flagship reports/studies,
 - Working with KSSC for innovative technology transfer with the COE and
 - private sector (developers, financier, technology and solution providers)

Thanks

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