



Positioning Coal in a Low Carbon Economy



Passion. Expertise. **Results.**

ICF Snapshot

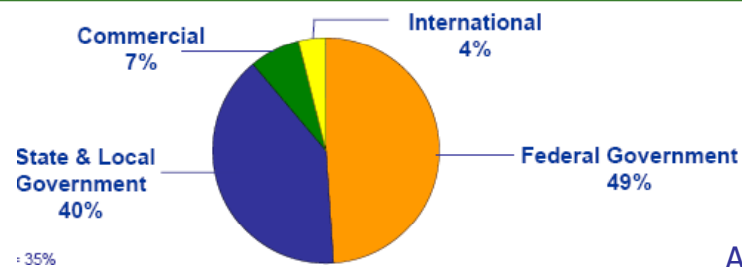


- ❖ Advisory-led **consulting and implementation services**
- ❖ **Founded in 1969, Management buyout in 1999, and IPO in 2006**
- ❖ **Global presence** with 30 offices and headquarters in **Washington DC area**
- ❖ **Over 3,500 staff world-wide**
- ❖ **Over 350 staff** specializing on climate change issues
- ❖ **New Delhi office** opened 2005, currently has 40 staff

Clients

CYE 2009

**\$ 660 - \$ 680
million**



Approximate % of Revenues

Globally recognized capabilities in carbon finance



MARKET SURVEY 2008
Environmental Finance
PUBLICATIONS
Best Advisor -
North American
Mandatory
Markets

MARKET SURVEY 2008
Environmental Finance
PUBLICATIONS
Best Advisor -
EU Emission
Trading Scheme

MARKET SURVEY 2008
Environmental Finance
PUBLICATIONS
Best Advisor -
Kyoto Project
(JI & CDM)

MARKET SURVEY 2008
Environmental Finance
PUBLICATIONS
Best Advisor -
Voluntary
Markets

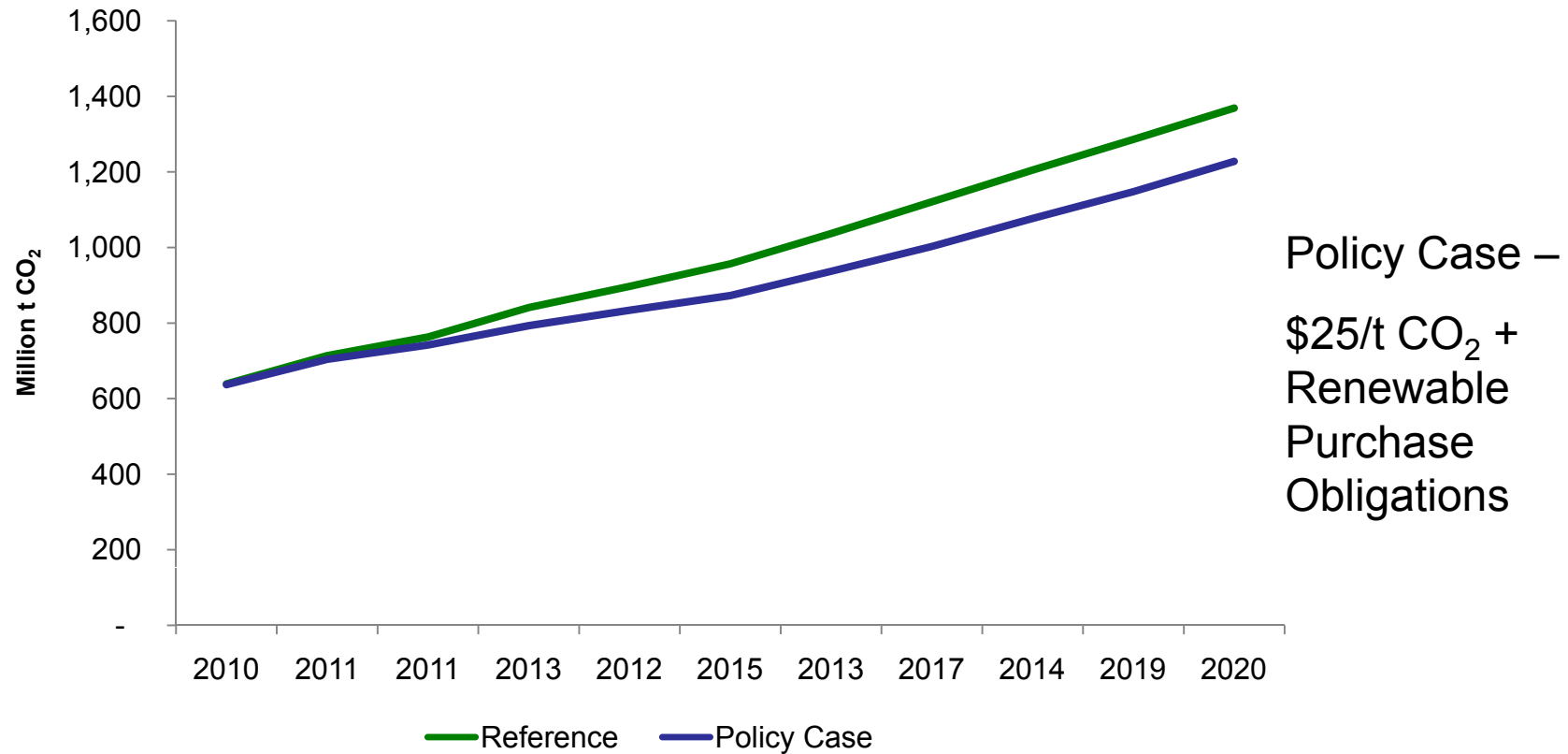
- Demonstrated expertise of over 2 decades
- Over 300 professionals dedicated on climate issue
- Advising over 60 of Fortune 500 companies, financial institutions and governments worldwide

Outline



- Context
- Challenge
- Response

Power accounts for approximately 40% of India's GHG emissions



Source: ICF Analysis Using India Integrated Planning Model (IPM®)

Will Copenhagen Accord be the basis for future int'l framework?



U.S. President Barack Obama speaks at a meeting with Chinese Premier Wen Jiabao, Indian Prime Minister Manmohan Singh, both far right, and several other leaders in Copenhagen.

Source: MSNBC

- Emerging economies will have to play a role
- India pledges to reductions in emissions intensity
- Monitoring and verification
- International financing support

Domestic response strategy is taking shape



NAPCC: National Mission

National Solar Mission

- Solar power generation
- Solar Photovoltaic generation
- Research & Development

National Mission for Enhanced Energy Efficiency

- Decreases in energy consumption in Nine sectors
- Policy options and capacity building

National Mission on Sustainable Habitat

- Energy Efficiency in Residential and commercial sectors
- Municipal Solid Waste management
- Urban Public transport promotion

National Water Mission

- Surface, ground and fresh water resources management
- Wetland conservation
- Development of Desalination technologies

National Mission for Sustaining the Himalayan Ecosystem

- National Mission for a Green India
- Increase in forest cover
- Biodiversity conservation

National Mission for Sustainable Agriculture

- Risk Management
- Dryland agriculture
- Access to information
- Biotechnology

National Mission on Strategic Knowledge for Climate Change

- National Action Plan on Climate Change 2008
- Outlines India's comprehensive approach to climate change
- Likely to form the basis of domestic action

National Mission on Enhanced Energy Efficiency will impact Power Sector



- Perform, Achieve, Trade
 - Market based mechanism to enhance energy efficiency
 - Energy intensive industries are provided energy consumption targets
 - Can sell amount they over-achieve, and buy amount they do not achieve



Banks looking more closely at carbon risk

- To create a responsible and responsive approach to examining carbon risk for investment in power sector
- Recognizes balanced portfolio need
 - Energy Efficiency
 - Renewable and low-carbon energy technologies
 - Conventional and advanced generation
- Enhanced diligence



Environmental Advisors



Industry Advisors



Action required at all levels



■ Government

- Mandatory Corporate Social Responsibility?
- Carbon Capture and Storage

■ Industry

- Sustainability charter
- From project to portfolio
- Financing



For More Information



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