

Energy Foundation China

Funders

David and Lucile Packard Foundation

The William and Flora Hewlett Foundation

The ClimateWorks Foundation

The McKnight Foundation

TOSA Foundation

Stifung Mercator Foundation

Oak Foundation

Pisces Foundation

Grantham Foundation

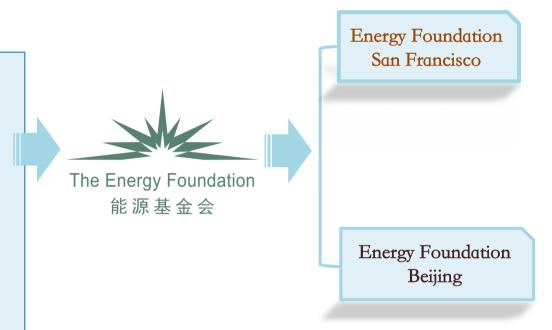
The Kresge Foundation

Robertson Foundation

Schmidt Family Foundation

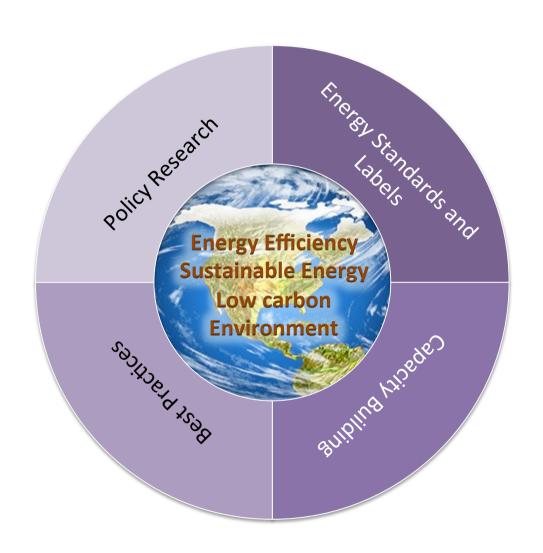
Tilia Fund

TomKat Trust



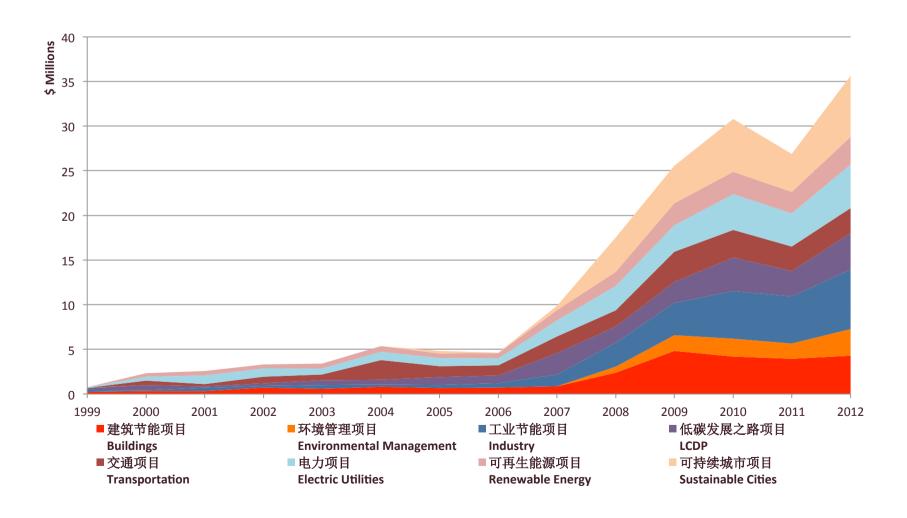
- Established in 1991, funded by a collection of private charity foundations
- Focuses on energy, environment and climate change
- The Beijing office was established in 1999
- > Officially registered with Ministry of Civic Affairs, China

Four areas

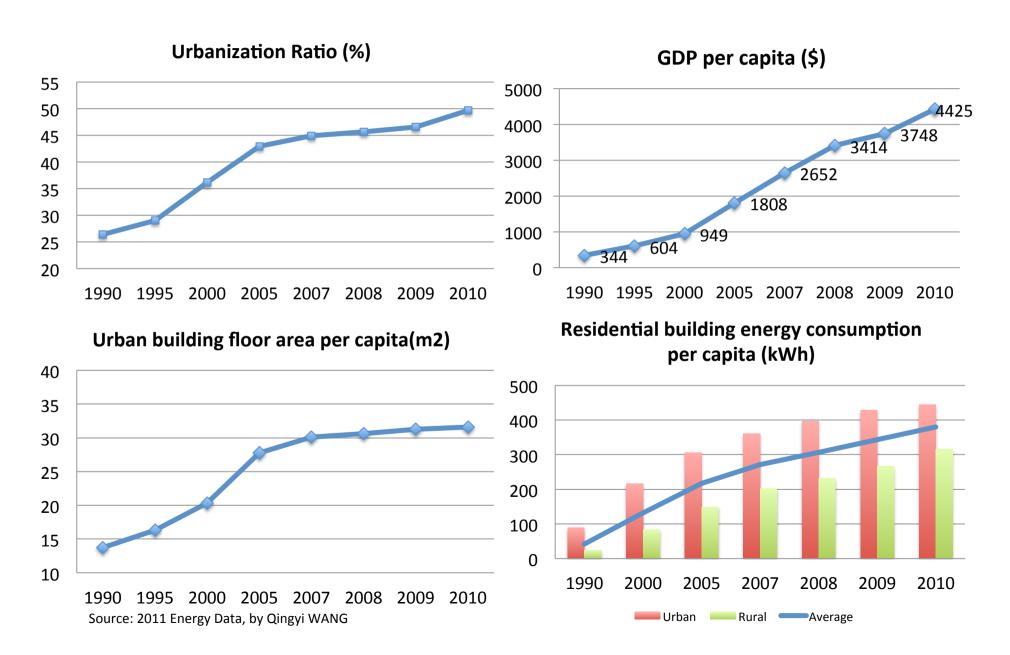


Funding trend

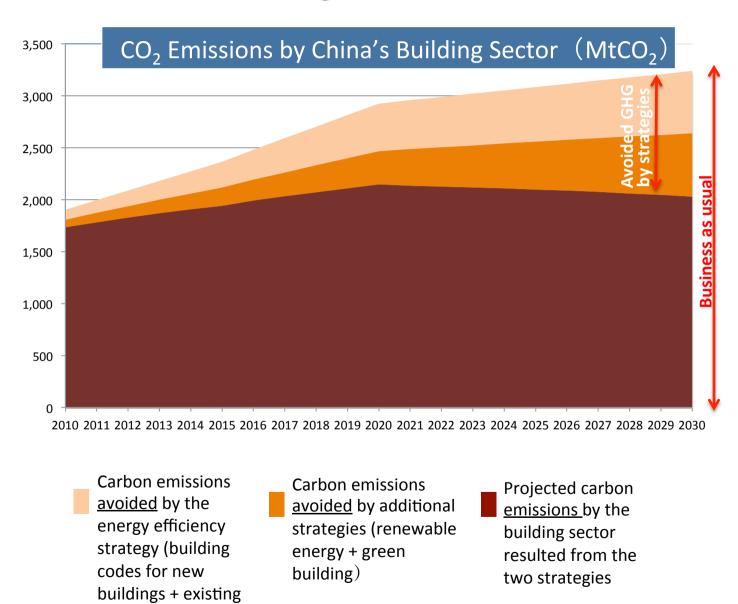
- > Increasing interest in China's energy, environment and climate change
- > The Energy Foundation Beijing Office made a total of US\$300 million grants in the past 13 years



Why Is China's Building Energy Use Increasing?



Our Strategies to Cut Carbon Emissions



building retrofits)

- Building Codes
- 2. Existing
 Building
 Retrofits
- Green Buildings
- 4. Renewable Energy
- 5. Appliance

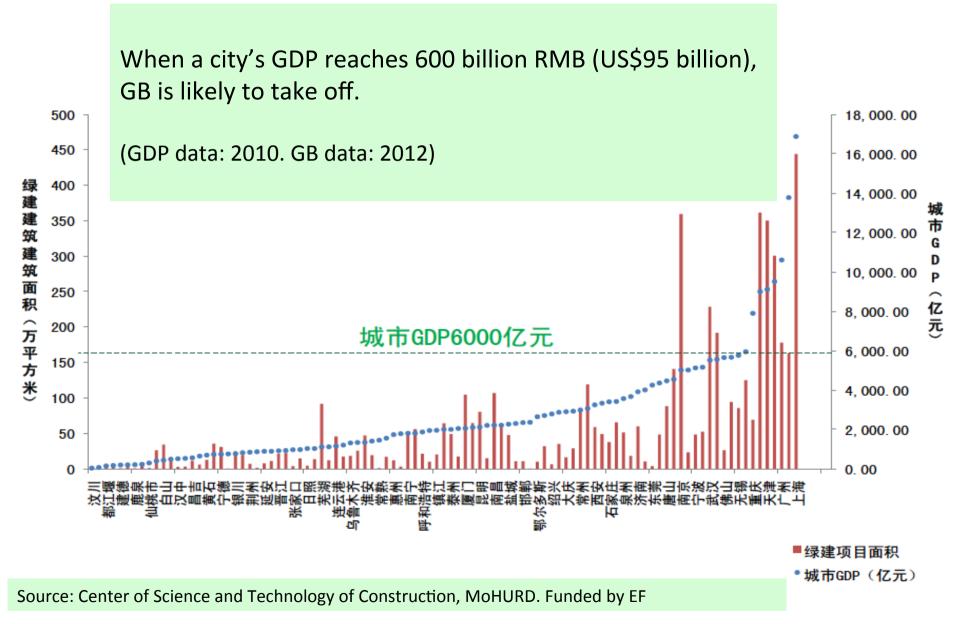
Incremental Cost of GB (RMB/square meter)

- 500+ certified buildings by 2012
- Surveyed 50+ certified green buildings
- Used a consistent cost analysis method
- Verified local market data

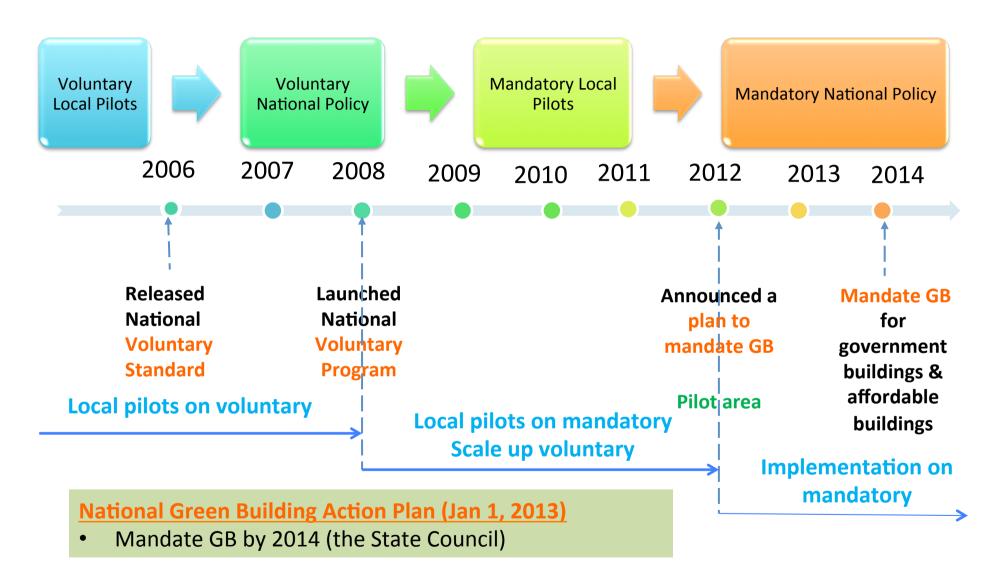
	Star Level	Surveyed Cost	Reported Cost
Residential	One star	15.98	54.23
	Two star	35.18	60.85
	Three star	67.98	120.82
Commercial	One Star	28.82	64.9
	Two star	136.42	165.71
	Three star	163.23	159.97

Source: Center of Science and Technology of Construction, MoHURD. Funded by EF

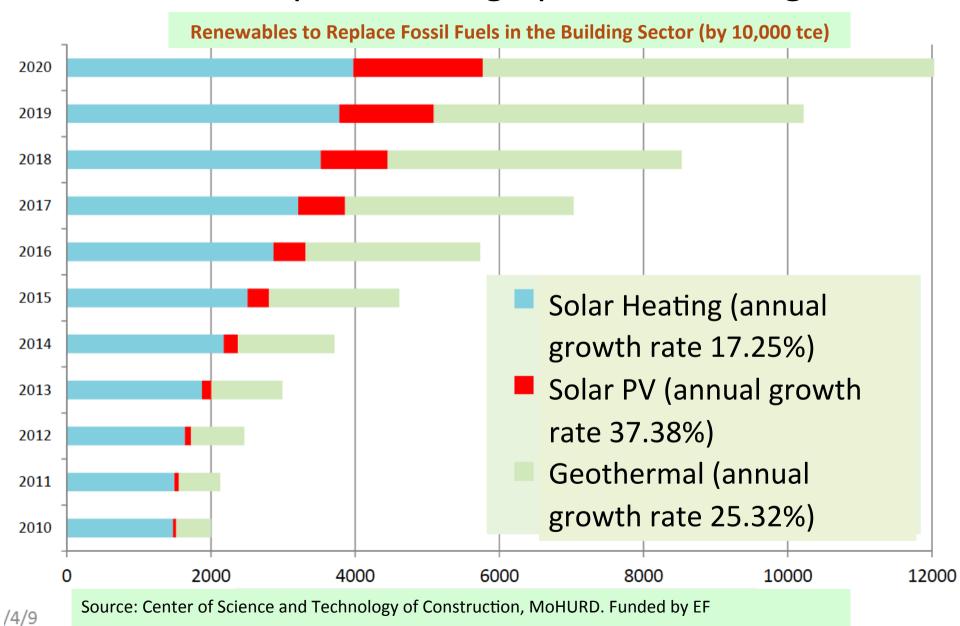
GB Market vs. Local Economic Development



Scale Up Green Buildings



Roadmap for Scaling up RE in buildings



Conclusion

- China's building energy use will keep increasing in the next two decades
- We developed strategies to cut carbon emissions in China's building sector
 - Green buildings and renewable energy application in buildings are two of the five strategies
- We supported policy research to scale up green buildings and renewable energy application in buildings

Thank You!



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Credit: The Jiangbeizui District in Chongqing and the Chongqing Grand Theater.

(A total of four million square meters of building space is conditioned by renewable energy via river-source heat pump technology)