

Successful Partnering in Technology Transfer

Daniel Kammen

**Chief Technical Specialist for Renewable Energy and Energy Efficiency
World Bank Group**

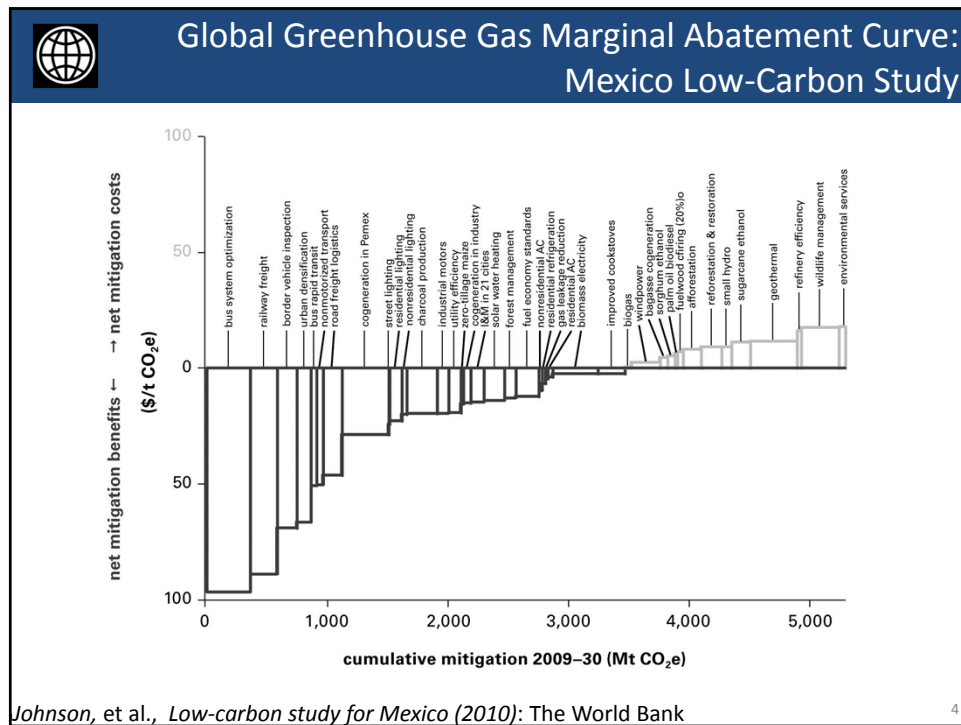
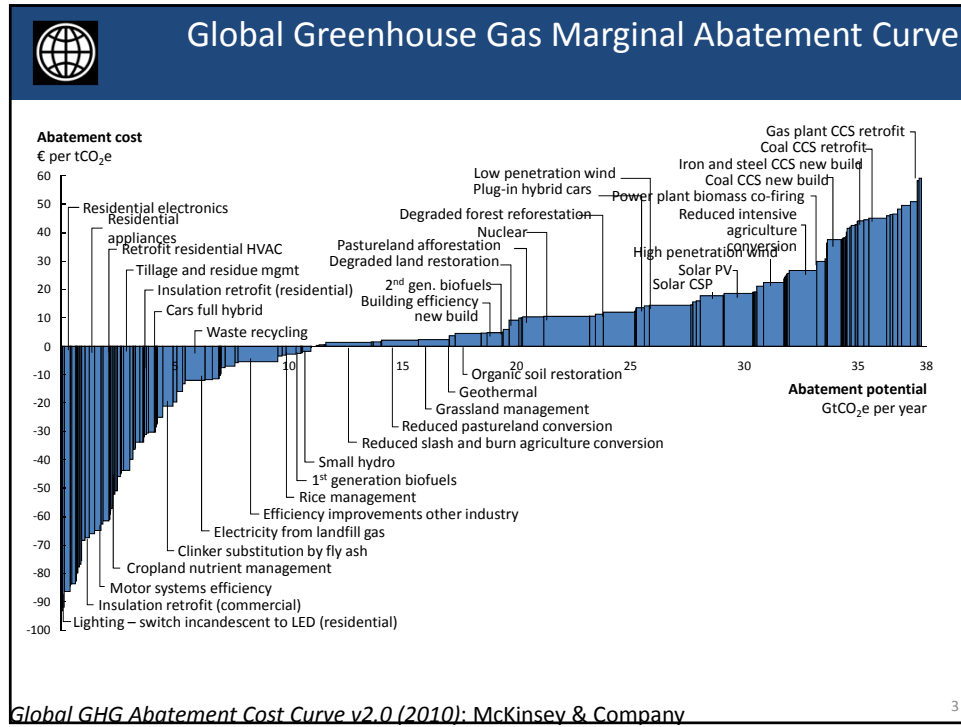


Tuesday, DECEMBER 7, Room Mamey, CANCUNMESSE BUILDING




Evidence of New Synergy

- **Morocco** – Ouarzazate: world's largest solar plant to produce 500 MW for domestic use and export
- **Bangladesh** – a million solar households by 2012
- **China** – over 500 solar PV manufacturers emerge in last decade
- **Mexico**
millions – rapid transit corridors move millions of people, save
of tons of CO₂
- **Kenya** – farmers earn carbon credits with sustainable agriculture
- **Global** – recognition of household energy and health and benefits of
holistic stove and biomass management; smart grids



The Many Values of Energy Efficiency

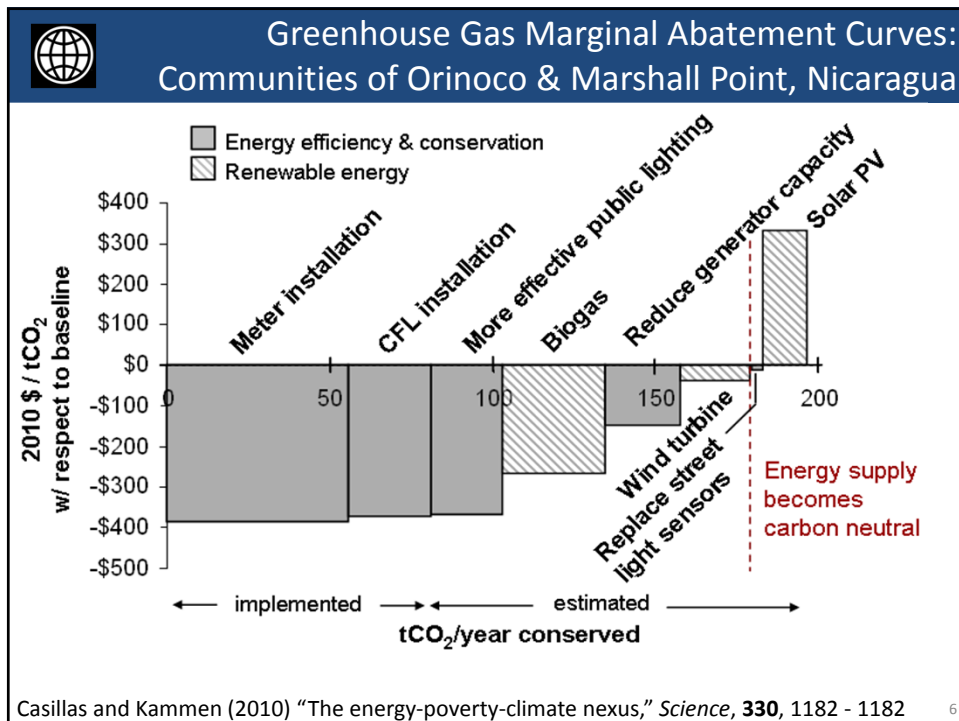


New T-5 Lights

Old Incandescent Lights

The Many Values of Efficiency:
\$400,000 saved per year with new lights *and* funding for rooftop solar

5





World Bank Group support for energy technology transfer

In addition to IBRD/IDA lending for climate-related technologies, the Bank has numerous projects to for innovative technology transfer and capacity building. Selected examples include:

- The Bank-administered **Clean Technology Fund (CTF)** promotes scaled-up financing for demonstration, deployment and transfer of low-carbon technologies
 - e.g. the MENA **concentrating solar power (CSP)** investment plan
- **ESMAP's Renewable Energy Market Transformation Initiative (REMTI)** provides technical assistance to support countries' institutional capacity.
- The Bank is working with China on the GEF-financed **Technology Needs Assessment (TNA)** to use best practice methodologies to prioritize mitigation and adaptation technologies.
- **BOTTOM LINE: WE HAVE NO ENERGY VERSION OF 'AGRICULTURAL EXTENSION, SO ...**
- infoDev is developing a **global network of Climate Innovation Centers (CICs)** starting with pilots in Kenya and India – [More on this from Jonathan Coony](#)