BANGALORE, INDIA
COLLABORATIVE RENEWABLE ENERGY PROCUREMENT

OBJECTIVES

- Aggregate demand
- Establish a cooperation platform
- Improve regulatory landscape
- 13.64% peak electricity grid deficit (the state of Karnataka)
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THE CALIFORNIA MODEL
- 70+ sites (rooftop, ground mount, carport)
- $4 million+ square feet
- 14.4 MW renewable energy projects
- 10%-15% incremental reduction of energy cost
- 75% reduction in transaction and administrative time

WORLD RESOURCES INSTITUTE
INFLUENCE

- Partnered with city government, real estate developer, and financier (INFONAVIT)
- Piloted sustainable development model
- Redesigned master plan for a 40,000-person low-income housing development project
AGUASCALIENTES, MEXICO  |  NEW LAND USE PARADIGM

ESTIMATED IMPACT

- Biking up 50%
- Walking up 40%
- Transit Use up 60%
- Green Space up 30%
- Traffic Speed down 34%
GLOBAL TRENDS | WHAT NEXT?

- SHIFT TO AN URBANIZED WORLD: 70% by 2050
- EXPLOSION OF GLOBAL MIDDLE CLASS: 5 billion by 2030; 1 billion new consumers in emerging markets by 2025
- TREMENDOUS PRESSURE ON INFRASTRUCTURE: $10 trillion investment needed in cities by 2025
- HIGH DEMAND FOR BUILDINGS: expected new floor space equivalent to 85% of today’s building stock by 2025
- PROLIFERATION OF PUBLIC AND PRIVATE PARTNERSHIPS: 12,014 MW /$22,674 million of renewable energy projects with private participation in 2011