



WORLD RESOURCES INSTITUTE

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COLLABORATIVE RENEWABLE ENERGY PROCUREMENT

OBJECTIVES

- Aggregate demand
- Establish a cooperation platform
- Improve regulatory landscape
- **13.64%** peak electricity grid deficit (the state of Karnataka)

BANGALORE, INDIA

COLLABORATIVE RENEWABLE ENERGY PROCUREMENT

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

AGUASCALIENTES, MEXICO | NEW LAND USE PARADIGM

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



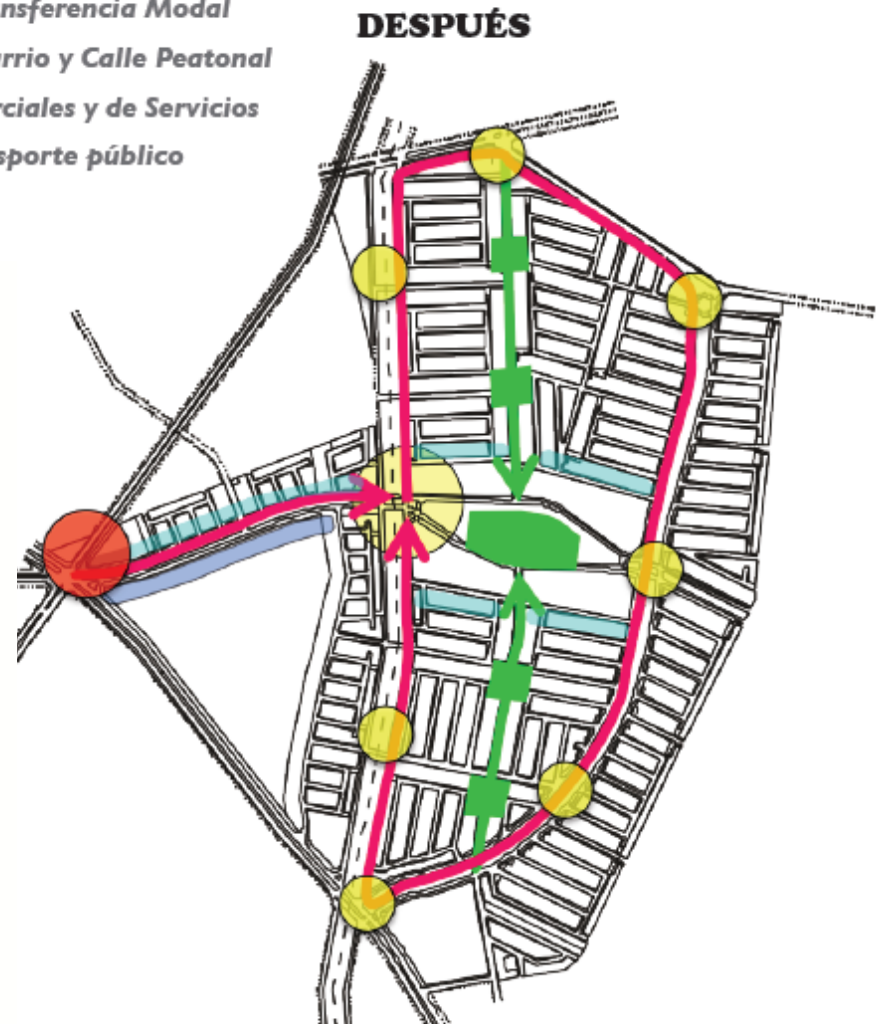
AGUASCALIENTES, MEXICO | NEW LAND USE PARADIGM

Simbología

- Centro de Transferencia Modal
- Centros de Barrio y Calle Peatonal
- Bordes Comerciales y de Servicios
- Acceso a transporte público

ESTIMATED IMPACT

- Biking up 50%
- Walking up 40%
- Transit Use up 60%
- Green Space up 30%
- Traffic Speed down 34%



Esquema propuesto del fraccionamiento
"Centenario de la Revolución"

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