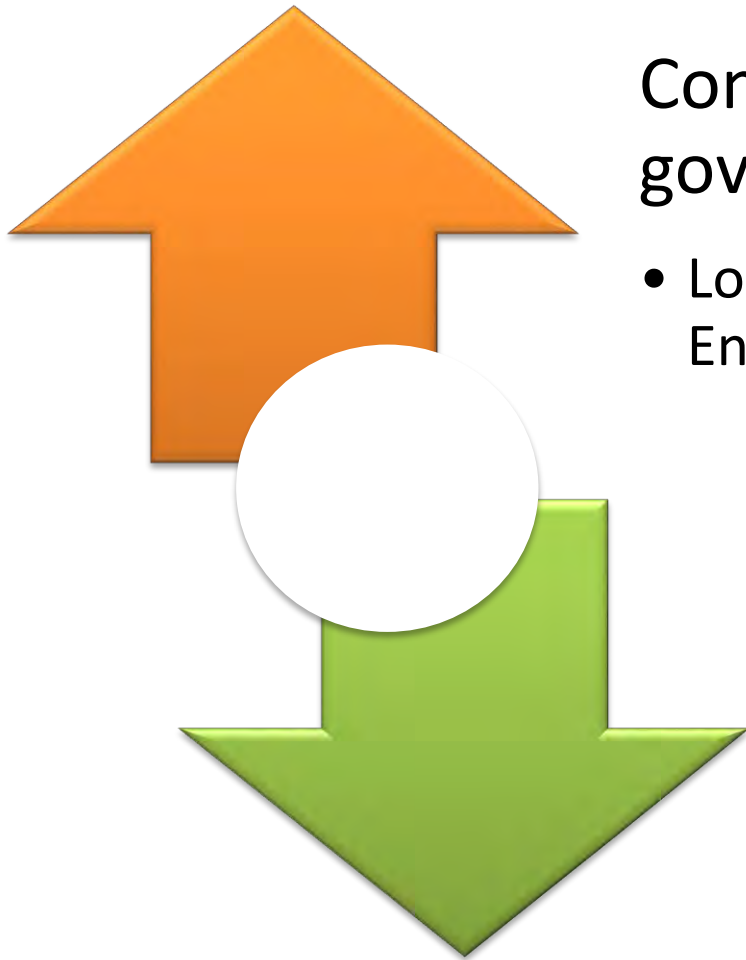


ESMAP Knowledge Exchange Forum Livable and Energy Efficient Cities

Integration of Energy Considerations Between National and Local Governments and Across Agencies/Institutions

Viena, Austria | June 16, 2015
Fidel García Granados

The energy challenge of cities



Context of the national government:

- Long-range public policies: Energy efficiency as a paradigm.

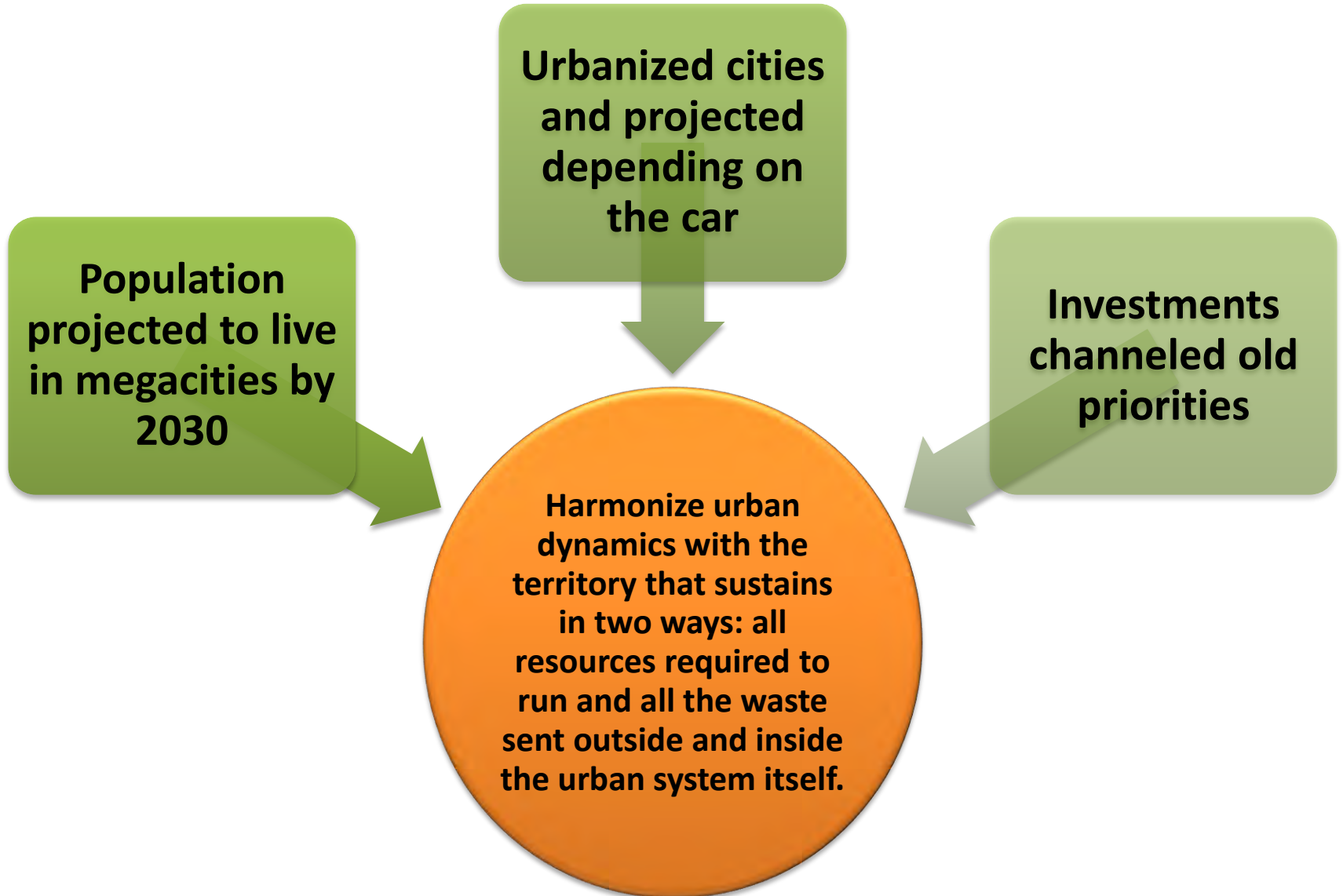
Context of local government:

- Obligation to pay energy services: Energy efficiency and savings strategy.

The energy challenge of cities



The energy challenge of cities



The energy challenge of cities



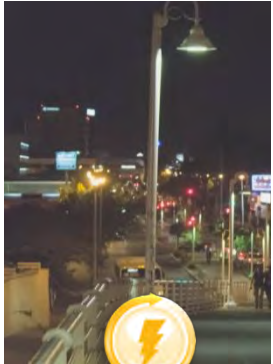
- In León, a medium-sized city in central Mexico, 250 miles northwest of Mexico City, this forecast has already become a reality, with 93% of the population living in the urban area.
- The city limits span 456 square miles with close to 1.5 million residents. The León urban area takes up approximately 35% of the total municipal region, giving the city with a population similar to Barcelona four times the space.
- This in itself, illustrates the urban and energy challenges we face in the City of León.

TRACE: An opportunity to merge



TRACE: An opportunity to merge

Sectors diagnosed



Street Lighting



Waste Management



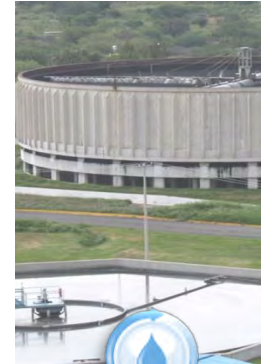
Municipal Buildings



Electric power



Public transport



Water and Wastewater



TRACE: An opportunity to merge



Identify areas with potential for energy savings

Prioritize sectors to intervene for their energy-saving potential and financial

Improve local competitiveness

Develop projects aligned with federal public policies, with support from international agencies

Introducing locally, an energetic and strategic agenda to boost practice so livable cities and energy efficient.

13 solutions for energy efficiency



The energy challenge of cities

Key points for promoting livable and energy efficient cities

Energy Sustainability: Renewable Energy Sources

City competitiveness

Energy savings: Reinvestment

Lower GHG emissions: Greater environmental quality

"Green City" model

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