

Costa Rica

a country committed to decarbonizing transport

Eduardo Brenes – Vice Minister of Transport Costa Rica

September 2018, Berlín



Transport and 24 - 28 September 2018
Climate Change Week

Digital mobility, new business models and
innovative planning

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On behalf of:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

of the Federal Republic of Germany



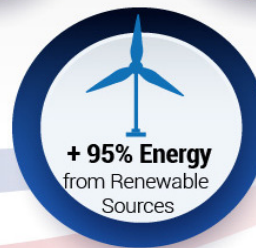
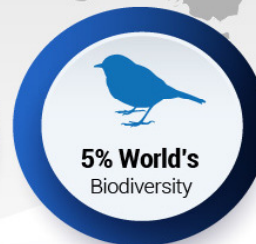
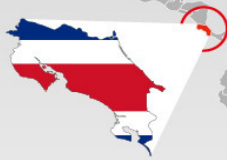
COSTA RICA
GOBIERNO DEL BICENTENARIO
2018 - 2022

Slide 1

RCDAGC1

Ramirez Chaves, Diana Alejandra GIZ CR; 14/09/2018

Country Context



Opportunities:

Electrical Matrix of Costa Rica

2017

99.60 % **99.67 %**

Electric Coverage

Renewable

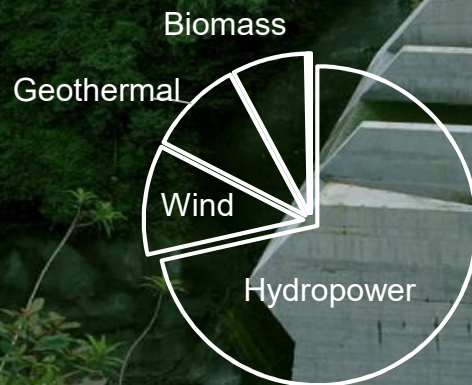
Generation of Clean Energy 2017

Days of Clean Energy

345+ (2017)

240+ (2016)

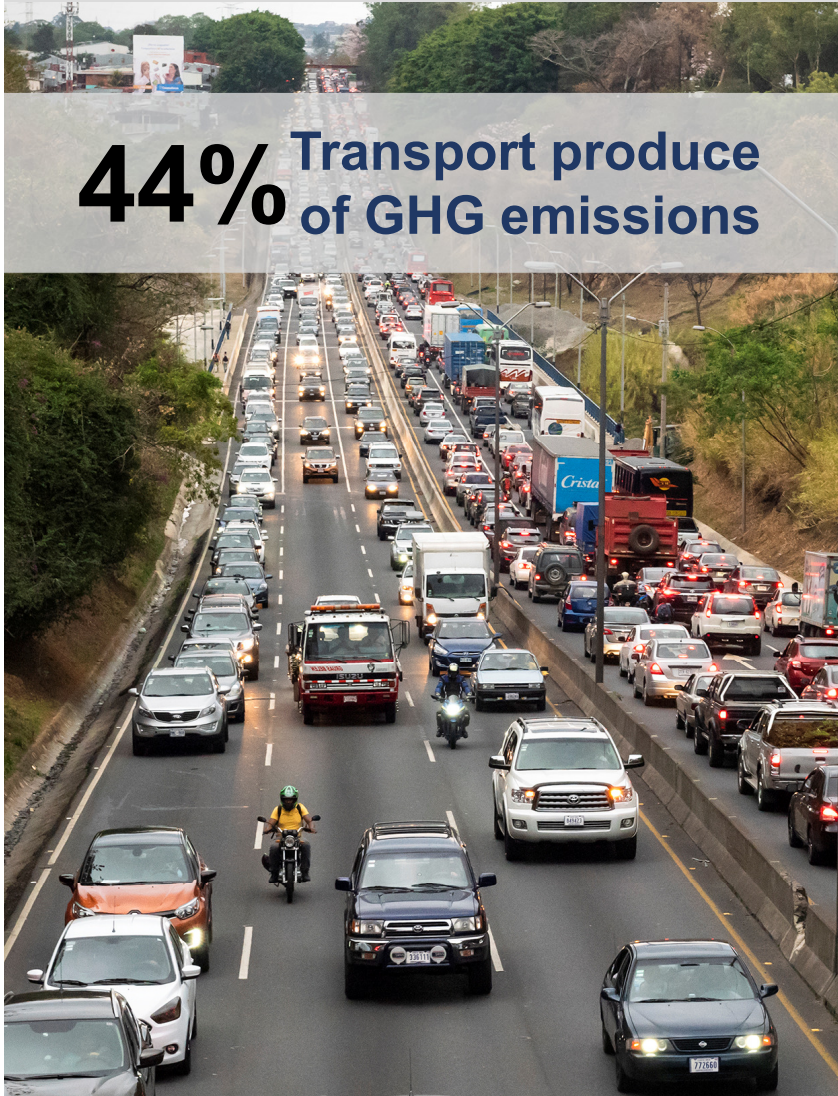
75+ (2015)



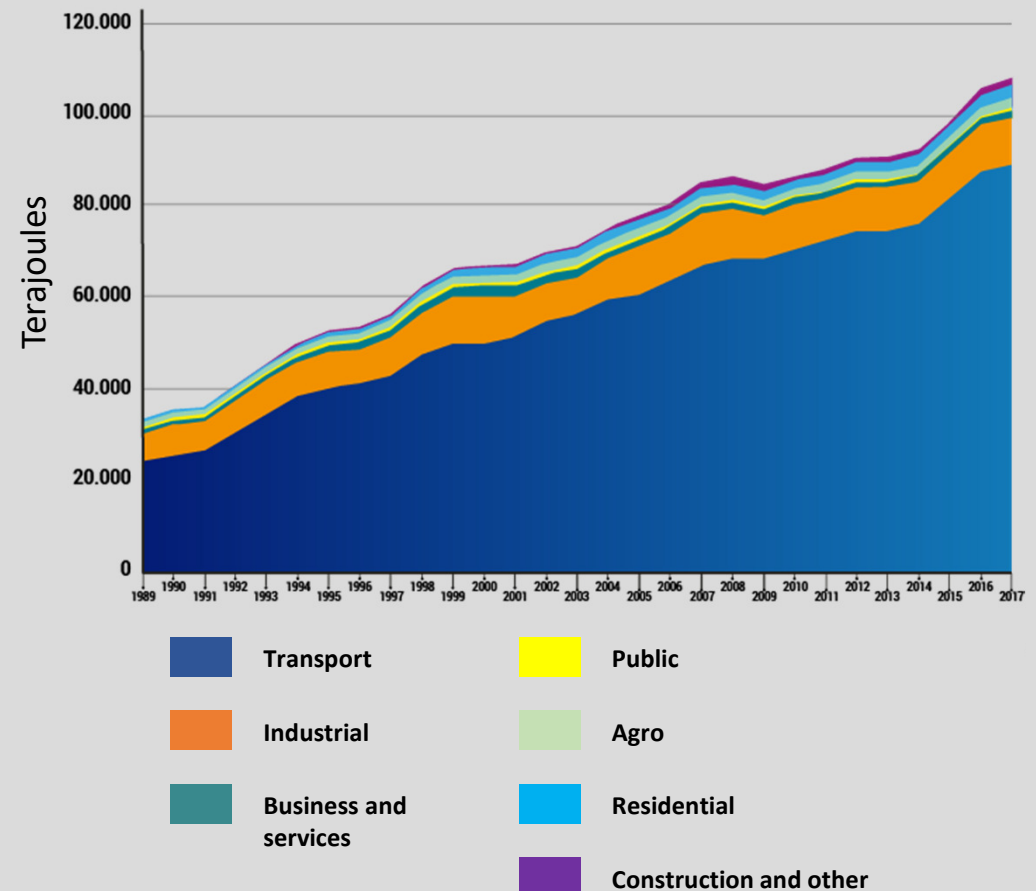
Costa Rica:

Evolution of Final Energy Consumption by Source

44% Transport produce
of GHG emissions



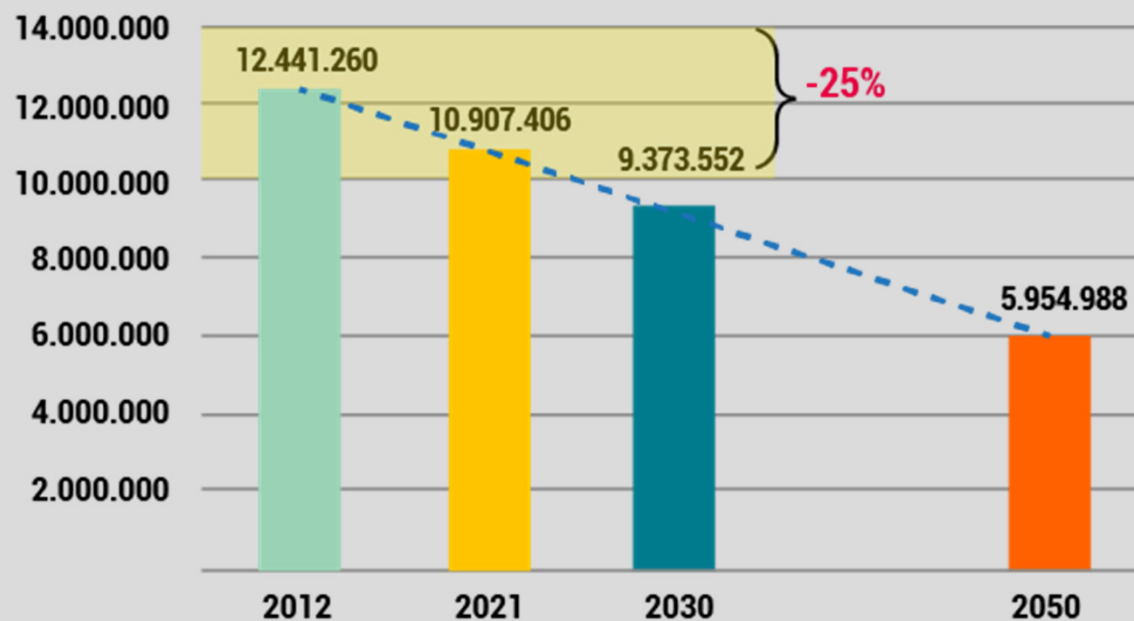
Costa Rica: evolution of final petroleum-product consumption by sector



NDC Costa Rica

Ambition:
first country to decarbonize its economy

Emissions trajectory



Challenges

- 
- ✓ 15 days per year lost in **congestion** (2013)
 - ✓ **Economic loss** of \$ 590 million per year lost due to delays (2009)
 - ✓ **Road safety, air quality and quality of life** are worsening
 - ✓ Conditions for **pedestrians** and cyclists to be improved
 - ✓ **Public transport systems** to be modernised (bus and urban train)
 - ✓ **Informal** taxi services increasing

Solutions in progress

- ✓ **Sectorization**

Public transport modernization plan

- ✓ **Fast passenger train**

Electric Fast Train for the Metropolitan Area

- ✓ **Active Mobility**

Promotion of walking and cycling

- ✓ **Smart city**

Digital solutions

- ✓ **Inter-sectoral Agreement (Transport + Environment)**

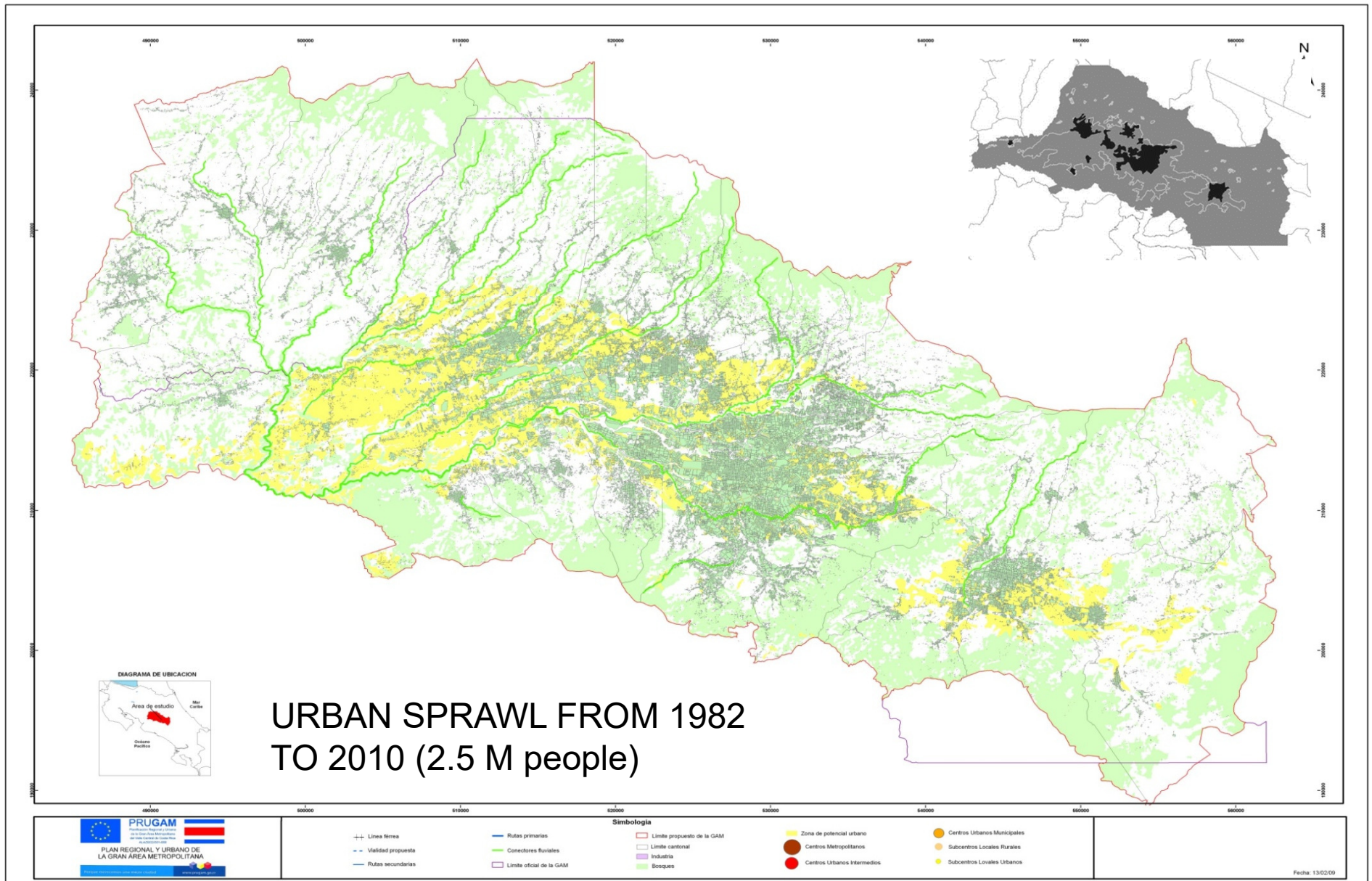
Mitigation of GHG in transport

- ✓ **Public policies**

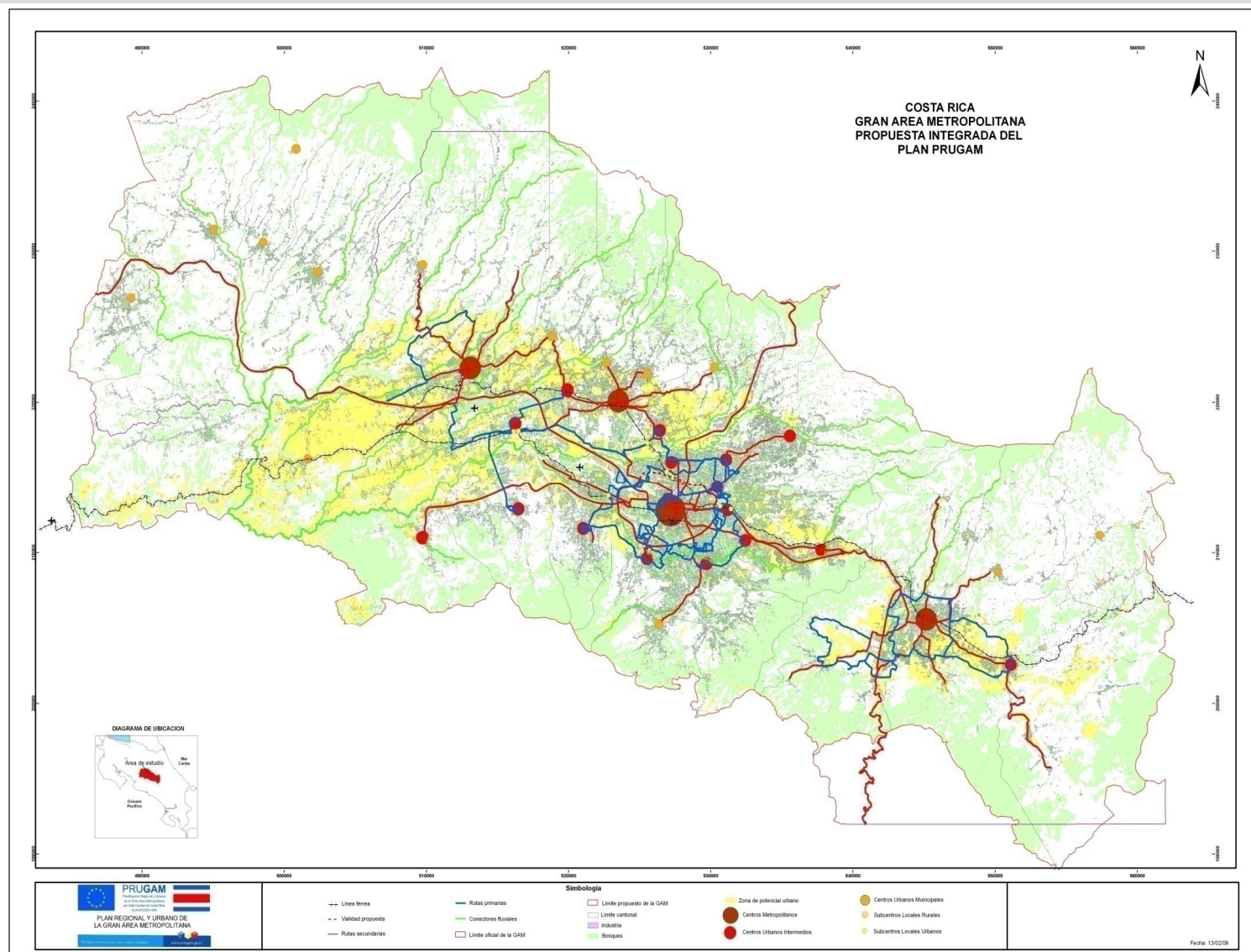
Law of Incentives and Promotion for Electric Transport
National Electric Transportation Plan



Urban Sprawl



Integrated mass transport proposal for great metropolitan area



A woman with dark hair, wearing a teal button-down shirt, is shown from the side, focused on plugging a white charging cable into the port of a white electric vehicle. The car is parked at a public charging station. The background is a bright, sunny outdoor area with green trees and a clear blue sky. The overall scene conveys a sense of sustainable transportation and modern infrastructure.

- Financial incentives
- User incentives
- quote for fleet conversion
- Fast-charging infrastructure



- ## ✓ E-Mobility Plan

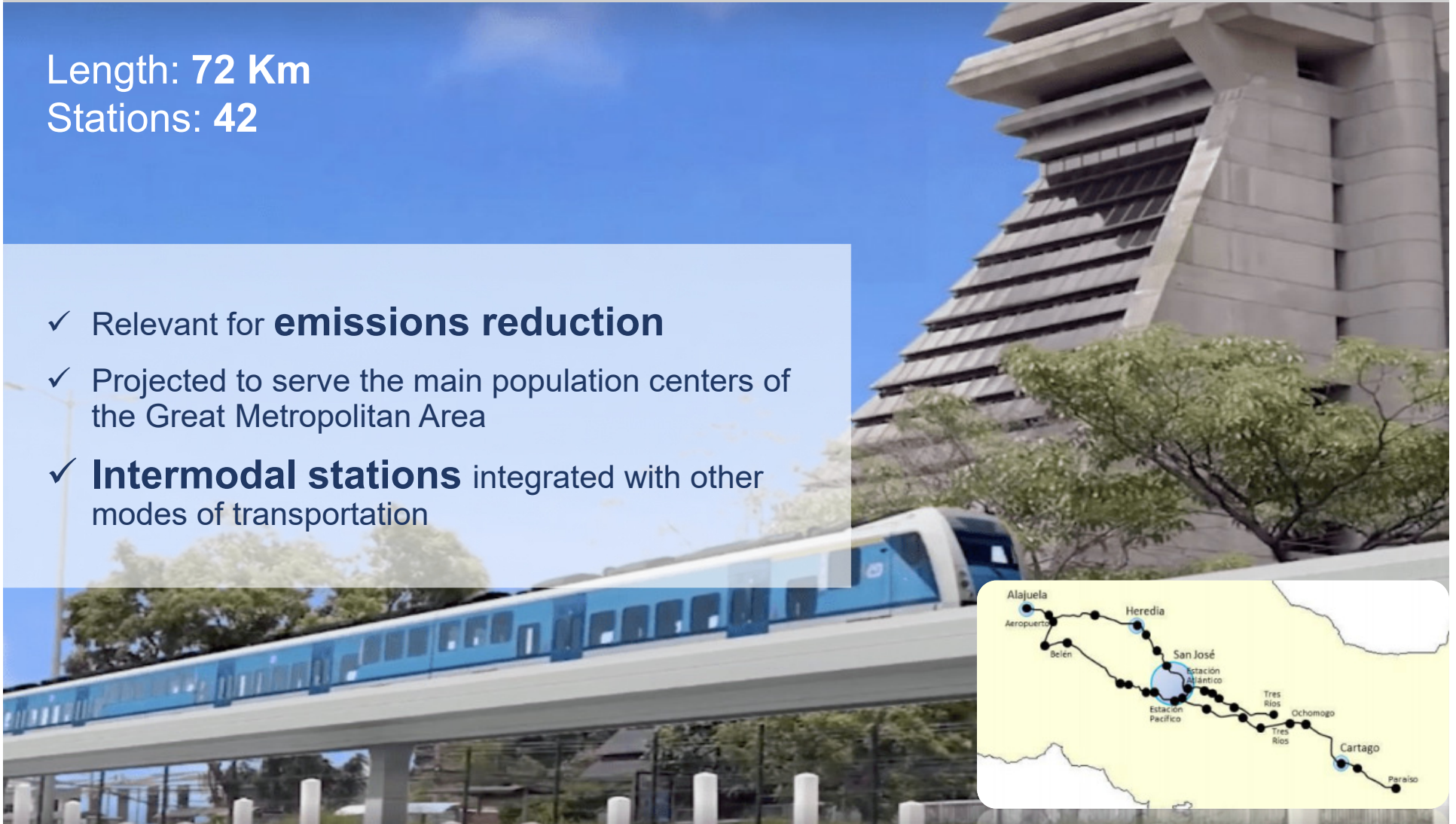
- Private, government, public transport

- Introduction of electric buses

Greatest Metropolitan Area Electrical Train (TRP)

Length: **72 Km**
Stations: **42**

- ✓ Relevant for **emissions reduction**
- ✓ Projected to serve the main population centers of the Great Metropolitan Area
- ✓ **Intermodal stations** integrated with other modes of transportation



Gracias Dankeschön



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