Costa Rica
a country committed to decarbonizing transport
Eduardo Brenes – Vice Minister of Transport Costa Rica
September 2018, Berlín
Country Context
Opportunities: Electrical Matrix of Costa Rica

Electric Coverage 99.60%  Renewable 99.67%

Generation of Clean Energy 2017

Daysof Clean Energy
345+ (2017)
240+ (2016)
75+ (2015)
Costa Rica: Evolution of Final Energy Consumption by Source

44% Transport produce of GHG emissions
NDC Costa Rica
Ambition:
first country to decarbonize its economy
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 worseing
- 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

URBAN SPRAWL FROM 1982 TO 2010 (2.5 M people)
Integrated mass transport proposal for great metropolitan area
Milestones achieved in E-Mobility

- **Law of Incentives** and Promotion for Electric Transport (01/2018)
  - Financial incentives
  - User incentives
  - Quote for fleet conversion
  - Fast-charging infrastructure

- **National Network of Fast Charging Stations** (02/2019)

- **E-Mobility Plan**
  - Private, government, public transport

- **Public Transport Electrification Initiative**
  - 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