ruta eléctrica MONTEVERDE
6,000 locals
250,000 visitors each year
Monteverde Commission for Resilience to Climate Change

Unite Monteverde to
• reduce emissions
• capture carbon
• adapt to climate change
CORCLIMA is a movement
CORCLIMA is a network of leaders
Transform the fleet of light vehicles to zero emissions, powered by renewable energy, not of fossil origin.
• 99% Electric Grid – Renewable

• 83% of Fossil Fuels in CR are for Transportation
National Climate Change Strategy

• Mitigation
• Adaptation

• Measure changes
• Develop capacity and technology
• Educate and change culture
• Mobilize resources
2016
Emissions from Monteverde
Total Ton CO2e: 16,359.83
1980 – when I arrived Marvin Rockwell picked me up at the bus in a golf cart. People got around on foot, horse, moto, milk trucks. Only 5 cars in the zone and only one bus a day to Puntarenas.
Car travel equals 8% of global emissions.

Tourism is Costa Rica’s largest source of foreign income
Reduce the number of cars.

Accelerate the transition to electric vehicles.
Establish a local public bus system for locals and visitors alike.
How can we accelerate the transition to electric mobility while supporting tourism?
Travellers want EV options but have range anxiety.

- 75% EV = Good for the environment
- 65% Would choose an EV
- 65% Main Limitation is Range
Conocer los escenarios de infraestructura: Monteverde debe ser activo en esto.

118 Fast chargers
- Tranche 1: 28 corridors
- Tranche 2: 15 corridors
- Tranche 3: 30 corridors

Fuente: Utgard, Bjorn 2017 "Esencialmente: Si, Costa Rica Abanderar la Movilidad Eléctrica"
An EV Friendly Community offering a network of charging points
Charge with a purpose
October 2018
¿Cómo identificar un Vehículo Eléctrico?

- Puede tener doble cajuela
- Usa un enchufe para cargarse
- No hace ruido
- No tiene mufla
1. Prototyping the first Ruta Eléctrica

- Charging Points, 120v 240v
- Signage
- Virtual Map
- EV friendly businesses
- Technical support
Charging points with signs
**EV charging infrastructure**

- **Basic sockets**
  - Level 1
  - The cost of a plug.
  - 120V = 8-10 hours
  - 240V = 3-6 hours

- **Semi-rapid chargers**
  - Level 2
  - $600-$2,000
  - 3-4 hours

- **Fast-chargers**
  - Level 3
  - $50,000
  - 20-30 minutes
Friendly business people.
Information about how to locate charging points

- The first EV Friendly Community in Costa Rica.
  Orange = 240V

Lodging
- Los Pinos - Cabañas & Jardines
- Casa Batsú
- Hotel Belmar
- Cala Lodge
- ... 34 more

Restaurants
- Cabure - Chocolatería & Restaurant
- Restaurante Mina de Oro
- Café & Macadamia Lago Arenal
- Restaurante Tabarís Caldera
- ... 9 more
Technical support
2. Promotion:

- Launch
- Web Site – Social Media
- Videos
- Live Talks - Radio - Podcasts
- Rent a Cars – Travel Agencies
- ICE – WAZE – Google Maps
- International Associations
Launch: August 2019
Press

Monteverde se posiciona como destino ecoturístico de cero emisiones

Costa Rica, a la espera de la ansiada electromovilidad

Desde el Parque, Radio 870 UCR

Niños y adultos marchan por el clima entre las nubes de Monteverde
Social Media Campaign

The Pioneers of the Ruta Eléctrica
Apps
Podcasts

CorClima

Quiénes Somos  |  MIDIENDO CAMBIOS  |  Actúe  |  Recursos  |  Involúcrese

Resiliencia (Inglés)

Cómo los vehículos eléctricos están haciendo más resiliente a Costa Rica por Guy Ginsberg

Escuchar

La primera Ruta Eléctrica para el Ecoturismo

Es una red de apoyo para que las personas que quieran visitarnos en un carro eléctrico.

Escuchar
Local Fairs and Test drives
National and International Tourism Fairs
Rent-a-Cars and Travel Agencies
3. Scaling: Rutas Eléctricas Costa Rica
- Other municipalities
- How to Manuals
- Integrating Public-Private efforts
- National Association
- Measuring Impact
Rediscover Costa Rica

A small investments program for the economic recovery of tourist areas in Costa Rica
The Tourism Industry is onboard...

Monteverde Chamber of Tourism

Hotels, restaurants, and tourist attractions

The Costa Rican Chamber of Ecotourism and Sustainable Tourism (CANAECO)

Edventure Travel
The Government is our partner

President’s Commission to Coordinate Infrastructure, Mobility and Territorial Planning

State-owned utility (ICE Group)

Costa Rican Tourism Institute (ICT)

Ministry of the Environment and Energy (MINAE)
Some lessons

• People need 240V.
• Protect plugs from weather.
• Meet technical requirements.
Some challenges:

• The law: in CR only the national electric company can accept payment at charging points.

• Motivating more car rental companies.

• Measuring and monitoring.
A solution for you?

Solar charging stations
Thank you!