

Decarbonizing mobility



Energía Vectorial





Current context

12/100

People die in hospitals due to pollution and respiratory diseases

5% GDP

Of cities is spent in reactive measure to pollution and climate change

27 UG/M3

Pollution in cities
Above 25 UG/M3 approved by WHO



The last 15 years were the hottest years ever recorded.

To avoid a 2 Celsius degrees warming of the earth, we need to substantially reduce our global carbon footprint.

Every moment not spent on changing the energy system, is a moment wasted.

90% of innercity transport can be electric today.





Our Solution

Car Conversions

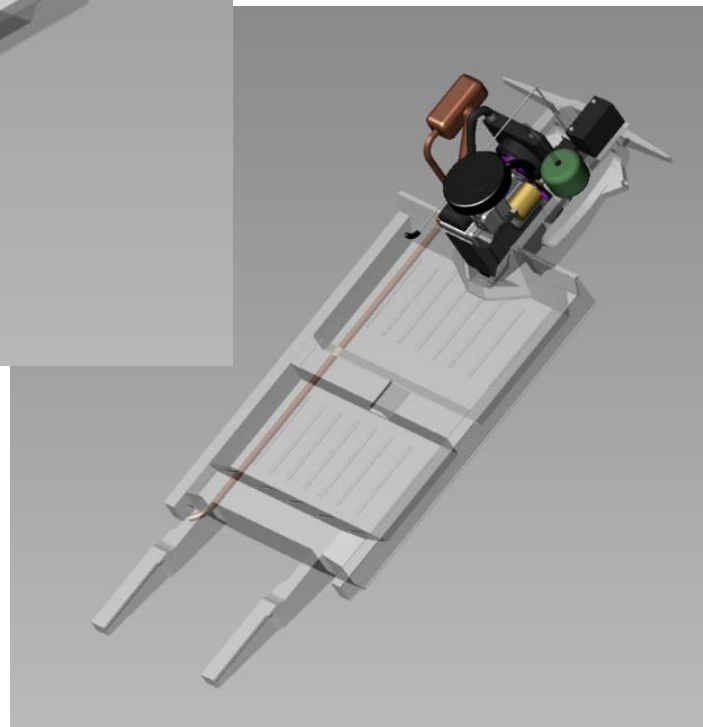
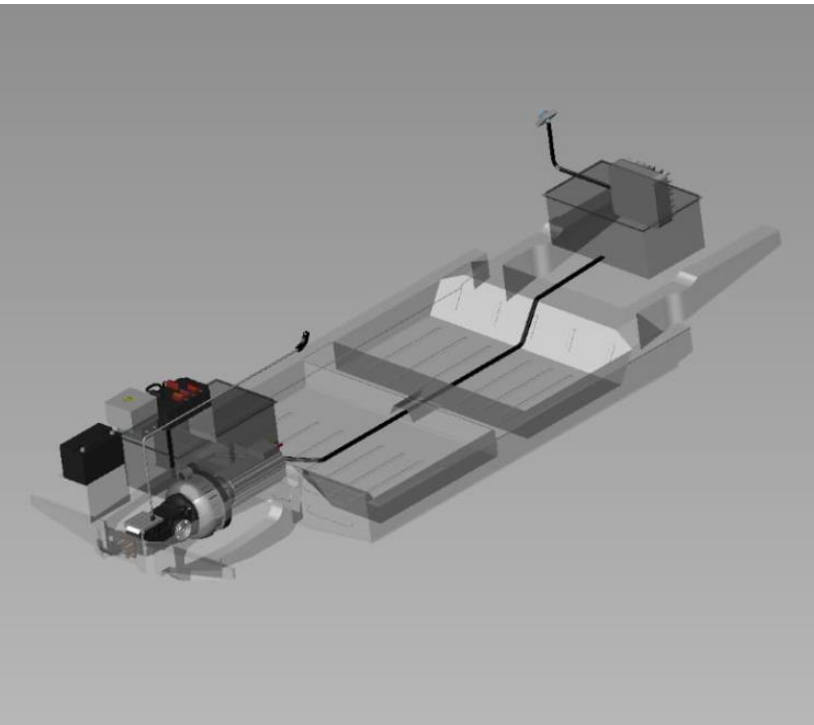
Range: 150 – 300 kms

Cost Reduction: 70% compared to oil-powered cars

Perks: Premium parking, Access to every zone of cities

Cost: 9.500 USD

Type	Price	Range
72	\$9.500	180 kms
96	\$12.000	220 kms
120	\$18.000	250 kms





Market Size

Total vehicles in
Colombia
13.562.500

Total EVs: 5.425
(dec 2018)

Current Products

Sedans: VW Beetle, Renault 4 – 9 and Sandero

Vans & Pick Ups: Renault Duster, Toyota

Prototype

Buses and Trucks





Competition

Car dealers

Renault:

- Twizy: 13.500 USD
- Zoe: 37.000 USD
- Kangoo: 28.000

BYD:

- Yuan: 37.000 USD
- E6: 34.000

Hyunday:

- Ioniq: 30.000 USD
- iMiev: 25.000 USD

KIA:

- Soul EV: 50.000 USD

BMW:

- i3: 55.000 USD

GDP per Capita: 6.651 USD Data from WorldBank: <https://datos.bancomundial.org/indicador/NY.GDP.PCAP.CO>

The cheapest EV in the market is 13.500 which is 2 times the GDP per capita in Colombia.

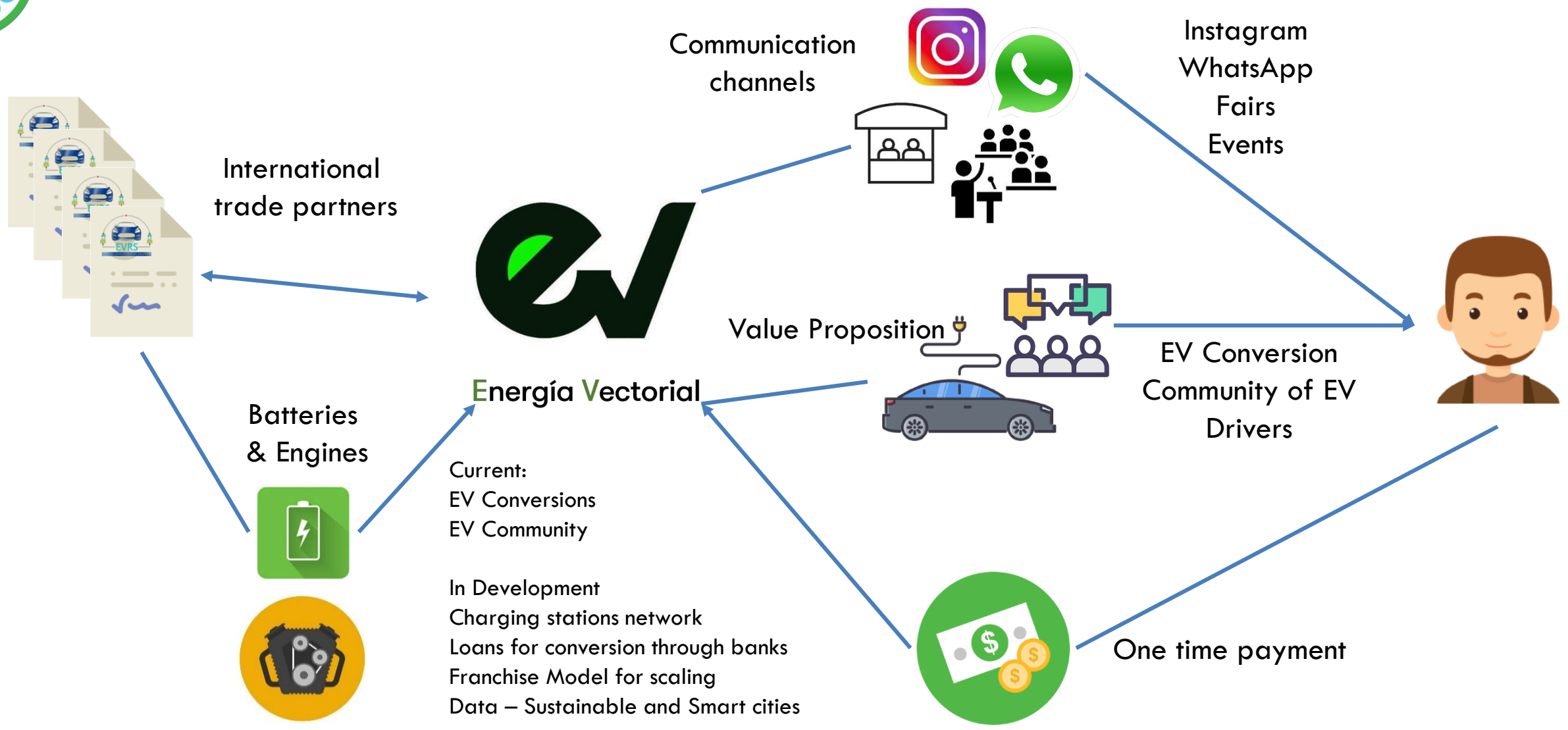
This makes electric mobility non accessible for the majority of the population.

Our Solution, makes it more affordable for mid-class population and also, it does not add more cars to the streets as it uses a current car and just changes the engine.

Our product is a just 30% of the price of a brand new EV



Business Model



Team



Federico Restrepo S
Founder

MA in Marketing & Sales
MSc in Sustainable Development
Founder of Impact Hub Medellin
Founder of Youth 4 Global Goals
UN Foundation +SocialGood Fellow
10 years of experience in
International Development managing
projects with UN, ADB, AfDB...



José Miguel Saenz S
Founder & CEO

Electric Engineer
Risk Specialist
Managing Director at i2R ingeniería
(Energy and engineering company)
EVBox: Super Stars
EVBox: Sustainable mobility
specialist
18 years of experience in energy
and engineering projects



Salomon Palacio B
CFO and Supply Chain

Business Management major in
Finance
Project Management Specialist
Managing Director at Avanza IPS
(Health company)
10 years of experience in
international trade
5 years of experience managing a
company



Felipe Vallejo U
CMO

Communications & Marketing
MA in consumer behavior
MA in Public Relations
Content director of the largest EV
online magazine in South America
VEC
12 years of experience in external
communications and content
management



Recognitions & programs



Impact Hub
Incubation Program



Google Developers
Launchpad

Google
Strengthening program

**C40
WORLD MAYORS
SUMMIT**



C40 – Network of Sustainable
cities
Selected as a Top 15 startups for
carbon free streets



Decarbonizing mobility



Federico Restrepo Sierra
Founder

Federico@evectorial.com

Energía Vectorial

