

WHAT'S THE E-MOBILITY TRUTH

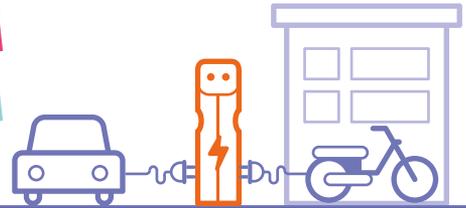
1 RANGE

The range of electric vehicles is not enough

FALSE

The daily average mileage of a car **usually goes from 40 to 60 km** and never exceeds 200 km per day in the 95% of the occurrences. Thus, EVs currently present on the market can actually satisfy almost all of drivers' needs.

TRUE



2

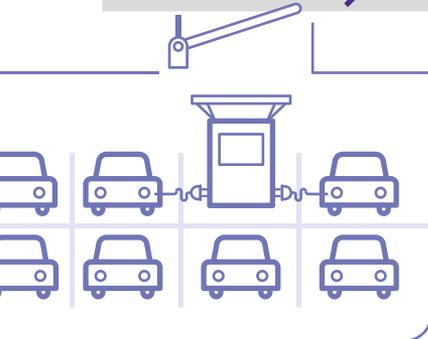
CHARGING POINTS NETWORK

There aren't enough recharging points

FALSE

A great part of all car charging happens when the car is left in its parking spot: at home during the night or at the working place. Enel X has already been chosen by over 40K clients, who equipped their buildings with smart and connected charging stations. Besides, Enel X has already installed more than 5k charging points all around Italy by now, and it aims to reach its goal of 28K active charging points within 2022.

TRUE



3

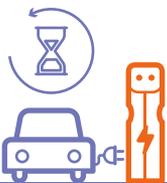
CHARGING SPEED

Recharging an electric car or motorbike is slow and difficult

FALSE

Currently, **we have cars and charging infrastructures that can grant a range of up to 400 kms in less than an hour.** Some manufacturers have presented cars that can charge up to 400km in just 15 minutes (**Porsche Taycan on HPC -ionity - 350 kw infrastructure**). A C segment vehicle currently on sale can be recharged up to 80% - 90% in about 35 minutes through a JuicePump.

TRUE



4

COSTS

Electric vehicles are very expensive

FALSE

Considering the total amount of expenses needed to own a car - including non-direct incentives - **an EV has the most economical power supply**, as per the operational costs. And its costs are bound to decrease even more.

TRUE



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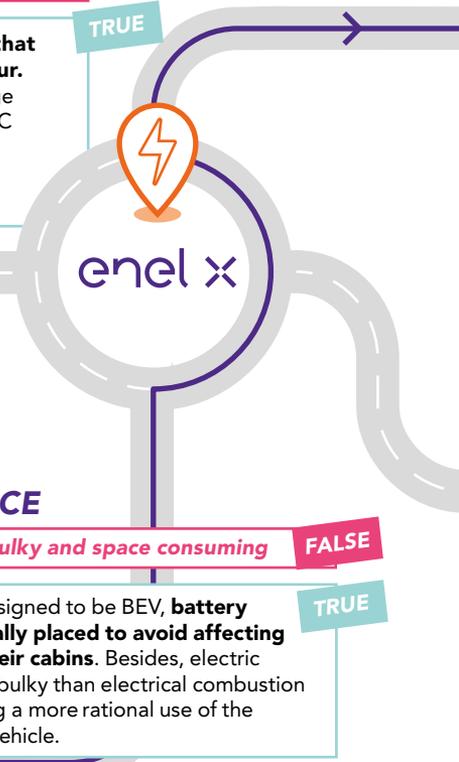
BATTERY SPACE

Batteries are too bulky and space consuming

FALSE

On cars originally designed to be BEV, **battery packs are strategically placed to avoid affecting the roominess of their cabins.** Besides, electric powertrains are less bulky than electrical combustion powertrains, allowing a more rational use of the internal spaces of a vehicle.

TRUE



10 FAKE NEWS ABOUT IT

6 EV VARIETY

Electric vehicles are small and there are only a few models available

FALSE

Several car manufacturers in the world are currently producing many other models (cars and bikes) and they also keep on investing a lot in concepts, efficiency and design. Over 350 models will be available to customers by the end of 2021.

TRUE



7

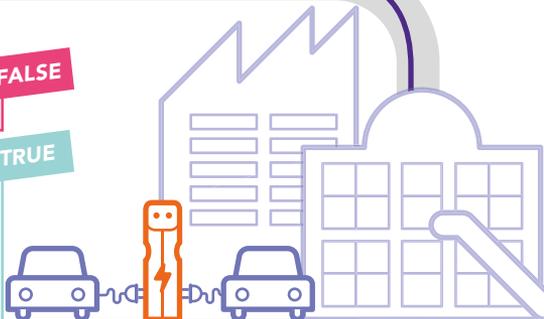
NETWORK CAPACITY

The Italian electricity network is not enough to cover the energetic requirement for electric mobility

FALSE

Even if, all of a sudden, another million electric cars ran along Italian streets, the electricity requirement would increase only by 0,3%. The great part of **the charging solutions installed by Enel X are smart and interconnected, allowing the whole ecosystem to sustain the energetic transition** with increasing quota of full electric vehicles.

TRUE



9

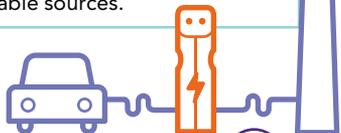
EMISSIONS

An electric car pollutes as it consumes fossil fuel produced energy

FALSE

100% of the energy supplied by Enel X charging points in Italy comes from renewable sources.

TRUE



8

CONSUMPTIONS

An electric car consumes much energy

FALSE

It's quite the opposite: electric vehicles consume way less than traditional cars, because they are 3 times more efficient. An electric vehicle actually needs 3 times less energy than a thermic vehicle and covers 3 times the distance a petrol fueled car can.

TRUE



10

ENVIRONMENTAL ISSUES/RECYCLE

The batteries of electric vehicles are polluting

FALSE

Nowadays **we have consortiums that are equipping themselves so that we can refurbish lithium batteries** (second life batteries), both as energy accumulators for photovoltaic panels, and for recovering precious elements such as lithium, nickel and cobalt, in order to recycle them, avoiding dispersing in the environment.

TRUE

