

does not use fossil fuel, electric vehicles produce no CO2 emissions.

The availability of vehicles in different price ranges and the increasing range make electric driving increasingly attractive.

# MANUFACTURING PROCESS



### Wind power generation

The wind turbine generates energy. In the nacelle, the generator converts this energy into alternating current. The transformer converts it into high voltage.



### Transporting

A nationwide network of high-voltage power lines transports electricity through the country. Substations convert the high voltages to lower ones.

Distribute and reduce

Local networks of high-voltage power lines

distribute electricity to cities and villages.



The charging location will be connected to the meter cabinet and is now supplied with green electricity.



### **Transforming**

Transformer houses convert the medium voltage to low voltage. From here, an underground cable to the meter box in



## REDUCTIONS

### Electric driving results in significant reductions compared to diesel/petrol

- 100% CO2 reduction
- 100% less nitrous oxide
- Up to 50% less noise and vibration
- Virtually no emission of sulphur oxides
- No production of particulate matter