



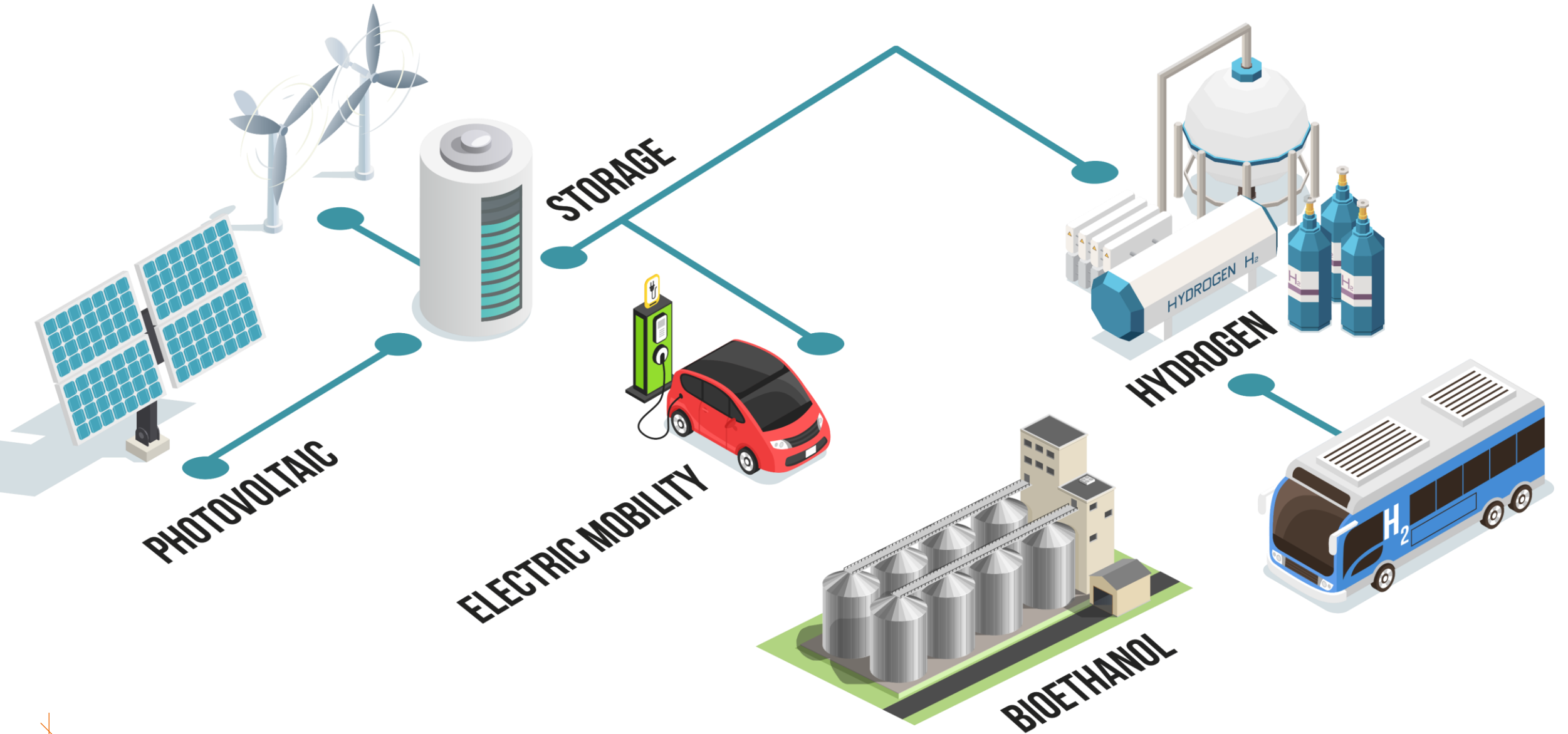
**PROGER**

# **Decarbonizing mobility**

**Engineering design and solutions  
for CO<sub>2</sub> - free transport system**

**Management. Engineering. People**

# Decarbonizing Mobility

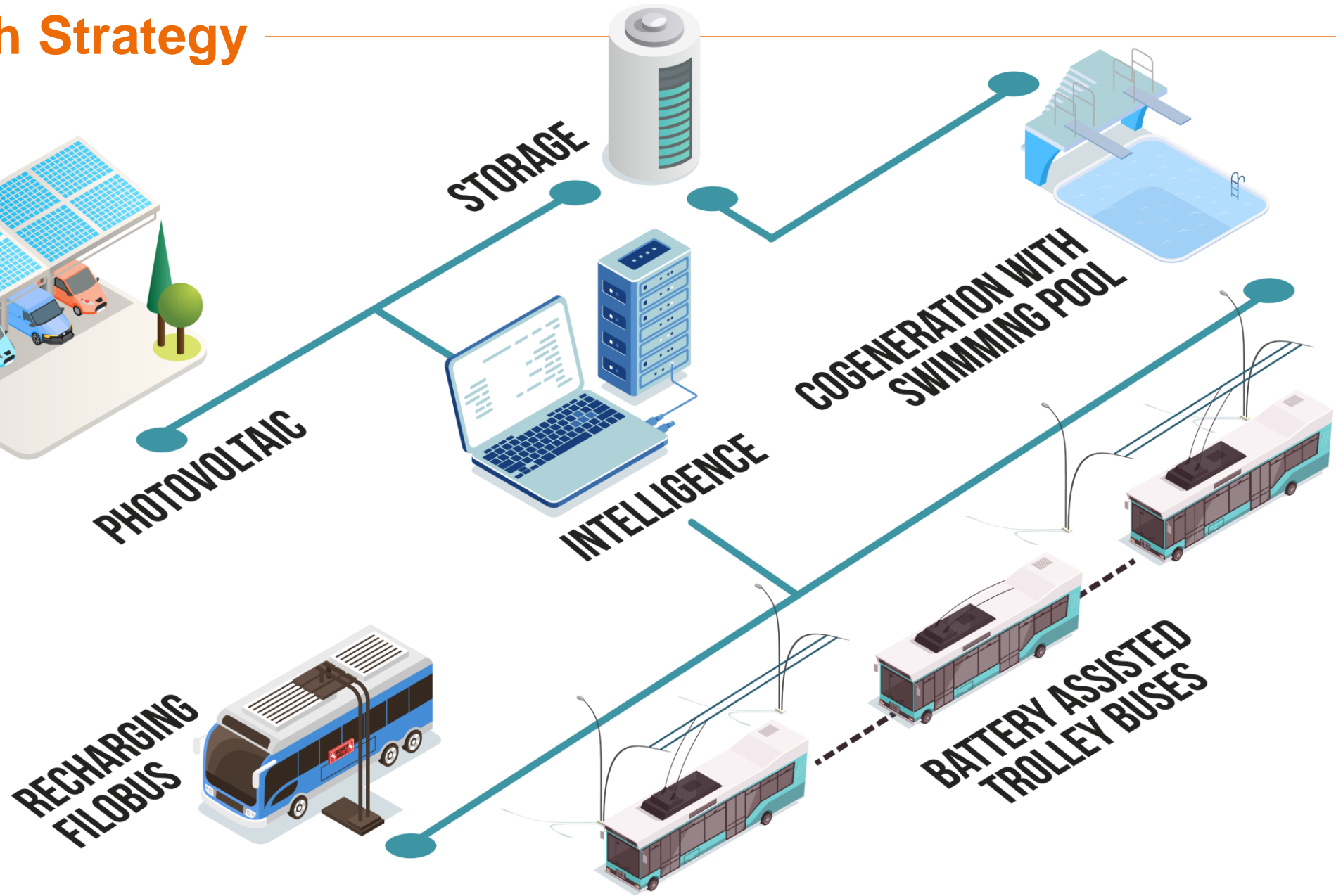




# tespech

**TESPECH** (Transport Electric System Pescara - Chieti) is Proger's proposal for the creation of an integrated electric public transport system that - limiting to a minimum the need to build new infrastructures - is able to connect Pescara, Chieti, Montesilvano and Francavilla al Mare under the banner of a new intelligent, innovative and eco-sustainable mobility.

# TesPeCh Strategy





# TesPeCh Main Features



- Large Metropolitan area with high population density — **650 Km<sup>2</sup>**  
**300.000 inhabitants**
- Network affected — **50 Km, 17 already electrified**
- With only **half of the electrified tracks**, it will be possible to use fully electric vehicles and buses
- Installed **PV & Cogeneration** — **6.4 MWp, 7.4 GWh/y (PV)**  
**1.1 GWh/y**
- Green electricity generation** greater than the estimated electricity requirement of the infrastructure (**5.7 GWh/y**)
- 20.000 bus** rides every year (**3.000.000 Km**), fully green
- Reduction of: — **17.000 t/y CO<sub>2</sub>**  
**36 t/Y NO<sub>x</sub>**  
**3 t/y PM**