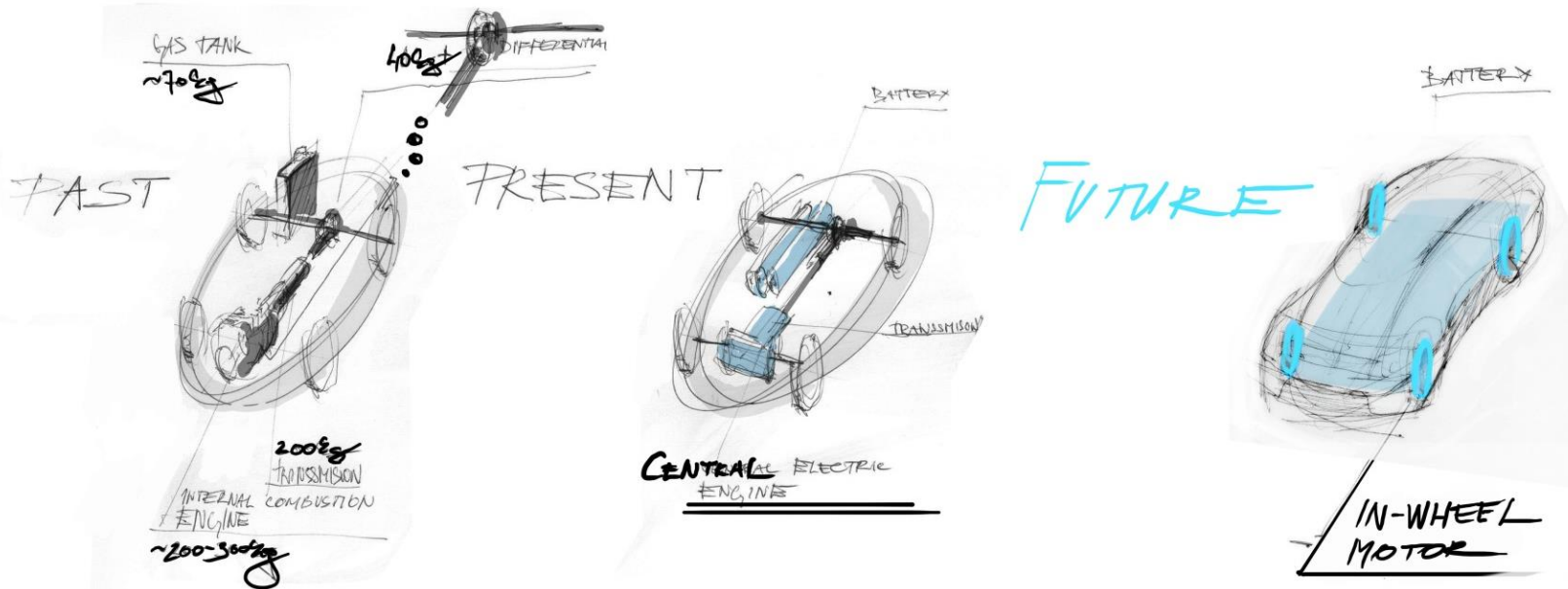


In-wheel technology for autonomous driving in smart cities

Elaphe Propulsion Technologies Ltd



IN-WHEEL: TRANSFORMATION ENABLER AND THE EYE FOR THE ROAD

- Enabling more space
- Enabling attractive, user-centered design
- Unprecedented performance
- Reducing complexity of supply chain
- Acting as a sensor and actuator
- Direct contact with the road
- Fast reaction time
- Intelligent control – the Powerbrain

In-wheel: The ultimate platform for autonomous driving

CHALLENGES AND PLANS

- Electrification
- Adaptation to user needs
- Development of small city cars and L-type vehicles
- Development of mass-transit vehicles
- V2X communication & intelligent algorithms
- Autonomous driving



H2020 EU-LIVE – Efficient Urban Light Vehicles, 2015 – 2018

- EU-LIVE will provide a modular platform covering a wide range of L-category vehicles, enabling economies of scale for light urban vehicles



H2020 Silver Stream – Social innovation and light electric vehicle revolution on streets and ambient, 2015 – 2018

- The Silver Stream project addresses the challenges associated with sustainable and affordable personal mobility for the growing and aging population in congested European cities.

