

## Training session

# Development of new supply chains for electric vehicles *perspectives in NWE regions*

**Trainers:** Dipl.-Ing. Dipl.-Wirt. Ing. Christian-Simon Ernst, AutoCluster.NRW

**Subject developed in the training session:**

- Initial position of the supply chain;
- Electrification of the vehicle;
- Analysis of the supply chain for conventional vehicles and BEV ;
- Competencies and location advantages in Europe for BEV;
- Implications on the automotive industry.

**Target group:**

- Small and medium sized company
- Regional and/or local authorities
- Services providers
- Automotive sector
- Energy providers

**Learning outcomes of the training:**

- Identify the technical roadmap from ICE to BEV
- Be able to have a technical overview of the Battery Electric Vehicle
- Compare the main differences between the ICE supply chain and the current and future BEV supply chain
- Evaluate the evolution of the BEV future trends in terms of production structures from niches market to pre-series models
- Be able to have an overview of the European capabilities/competences in the EV supply chain
- Determine the actions to be taken to establish a sustainable strong electric mobility supply chain for the policy maker, the vehicle manufacturers and supplier