



Founded by experienced battery and fuel cell experts from RWTH Aachen University, ebusplan has become one of the leading planning and consulting teams for the electrification of public bus transport.

## References throughout Europe and beyond



### Technical Expertise

We have developed and scientifically evaluated battery and fuel cell buses with partners. In addition, we are the initiators of the first fast charging concept with 500 kW.

### Unique Software

Our simulation and optimization tools for detailed planning and dimensioning of entire bus fleets have already been used by many public transport companies.

### Customized Concepts

We always consider the technology together with the operational planning, because technical design and operational planning are inseparably linked.

### Extensive Experience

We have been active in our field for over 12 years and have handled the planning of the electrification of entire bus networks for many customers in Europe and the USA.

## Our Service Portfolio

### Feasibility Studies

- Potential analysis of your network
- Evaluation of all available electric bus technologies
- Total cost of ownership calculation
- Quantification of environmental impacts
- Evaluation of depots and garages

### Transition Planning

- Definition of the transition phases for the stepwise electrification of your bus fleet
- Fleet planning for the transition period
- Determination of investment costs for individual transition phases

### Infrastructure Planning

- Planning of infrastructure deployment in the depot and at other charging locations
- Concepts for the installation and connection of the chargers
- Determination of the load profile for negotiation with the network operator

### Support of the Procurement

- Identification of requirements and assessment of the local situation
- Preparation of specifications for vehicles and infrastructure
- Advice on the tendering process
- Evaluation of offers and support in bidder discussions

### Funding Advice and Application

- Identification of funding opportunities for the procurement of vehicles and charging infrastructure
- Editing of funding applications
- Organizational support of application procedures

### Professional Project Support

- Review of planning bases and cost calculations
- Presentation of the electric bus strategy to supervisory boards and politicians
- Moderation of internal and technical workshops