

## Challenge 3: Görlitzer Verkehrsbetriebe GmbH – New drive technologies for tram vehicles and autonomous driving

### About the Company

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Görlitzer Verkehrsbetriebe GmbH (GVB) is a company owned by the city of Görlitz. As a competent and customer-orientated service provider, we ensure attractive public transport and develop it further in the long term. GVB operates 7 bus and 2 tram lines and transports more than 10,000 passengers a day. GVB currently has more than 100 employees and is a member of the regional transport association ZVON.

### Transformation Processes in the Company

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Görlitzer Verkehrsbetriebe GmbH is currently implementing the so-called "Public Transport Model City Project". This project is being subsidised with around 70 million euros and involves the renewal of the transport infrastructure and the procurement of 8 new innovative trams.

### Challenges in these Transformation Processes

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The focus of the infrastructure topics includes accessibility, innovation and digitalisation. Furthermore, new drive technologies for tram vehicles and autonomous driving are to be tested.

### Questions to Be Addressed

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One sub-project deals with the topic of tram stops and main transport hubs. Depending on their importance, these stops are to be equipped with different features in terms of safety, passenger information, connectivity, and if necessary, entertainment etc..

The key word here is "SMART".

The task is to answer the following questions and develop ideas and implementation proposals.

- What does a "smart" tram stop in the city of Görlitz look like?
- What functions and benefits should it have?
- Who can deliver such smart solutions?

### Targeted benefits

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Definition of the term "SMART" in the context of the tram stops to be planned. Brief description of a role model tram stop at Wiesengrund in Görlitz.

Detailed description of proposed solutions and possible Suppliers.

## Responsible Person

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André Wendler

Managing Director GVB

Email: [andre.wendler@goerlitztakt.de](mailto:andre.wendler@goerlitztakt.de)