

FACTSHEET HAMBURG



Demonstration City | Hamburg - Germany

Hamburg, officially the Free and Hanseatic City of Hamburg, is one of Germany's 16 federal states and, with a population of over 1.8 Mio, the second-largest city in Germany and 8th largest in the European Union. The city's metropolitan region is home to more than five million people. Hamburg's transport sector is responsible for 27% of the cities direct emissions (BUE n.d.), and although the share of private motor vehicle trips is decreasing, the overall number of travelled passenger kilometres is expected to increase. In terms of air pollution Hamburg is ranked as one of the worst performing cities of Germany (Urbanista 2017). One major source for air pollution is the port of Hamburg, being one of the biggest in Europe and located in the city centre; around one third of nitrogen oxide pollution can be attributed to it (SZ 2019). Apart from measures targeting vessel and port management, Hamburg implemented also measures to reduce noise and air pollution by enhancing the general (road) traffic situation, e.g. using emission free vehicles in public transport, improving the cycling infrastructure, or set-up of intermodal sharing systems. It has set a goal to reduce overall CO2-emissions by 40 per cent in 2020 and 55 per cent in 2030.

E-Mobility for last-mile connectivity

The public transport operator (Hochbahn) will develop an e-scooter sharing system with support of the project (50 e-scooter co-funded by the project and the city), which will aim to test an incentive and pricing scheme that complements the public transport system and coverage rather than competing with it.

The introduction of charging solutions (T-Systems), smart last-mile services in the peri-urban (SOLUTIONSplus Maas App) will be part of demonstration activities. This will also analyse the complementarities of potential business models.

E-mobility for Last-mile Connectivity



The approach/ innovative aspect

- Overall goal of supporting the overall public transport system rather than competing with it
- Solutions that increase the connectivity of peri-urban areas will be featured



Activities

- Support the introduction of an e-scooter sharing system to test an incentive and pricing scheme that shall complement the overall public transport system
- The pilot will also feature the introduction of charging solutions, as well as smart last-mile services – through the SOL+ MaaS app in peri-urban areas



Fact and figures

- The City of Hamburg is home to 1,8 million people. It is estimated that 300,000 commuting trips into the city are conducted daily.
- There are approximately 2,500 electric vehicles plying within the Hamburg Metropolitan Region, half of belong to corporate fleets
- The City Government is committed to procuring only emissions-free buses by 2020
- The electricity used in the city's charging points is 100% produced through renewable energy sources
- By 2019, the charging infrastructure is targeted to be expanded to up to 1,000 charging points

Demonstration actions and support teams

	50 e-scooter	Charging solutions Business model for PT-owned E-scooter sharing systems	Last-mile servicers in the peri-urban area SOL+ MaaS App
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