



Factsheet

Siemens Mobility

Smart plant logistics

Facts & Figures



6

e-forklifts
2 e-cars,
1 bulk goods
warehouse and more.

2

large e-lift trucks for
semi-finished wagons

1

new plant logistics
system,
employee
participation

Contact

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Siemens Mobility

Project partner:

- **Urban Renewal Office (GB*)**
- **Sustainability Challenge**



Hier gehts zum Film über
die Mobilitätsprojekte im
Rahmen von
Smarter Together!

**For more details see
www.smartertogether.at**

Project context

Siemens Mobility is a leading international company that manufactures trams, trains and metro sets in Simmering, such as the Railjets, the Vienna trams and the Munich metro.

Within the framework of Smarter Together, it has been shown that in many cases there is great potential for energy efficiency and CO2 savings in operations, which can also be used accordingly.

Starting with 6 electric forklifts, Siemens Mobility initiated numerous other measures and modernised the plant logistics as part of Smarter Together.

Smarter Together measures

Based on a new plant logistics concept, the following features were introduced in the course of the EU-funded project:

- 6 new e-forklifts
- 1 bulk goods warehouse for small parts
- charging stations for small equipment
- 2 e-cars for the internal post office
- 2 large e-forklift trucks for semi-finished wagons

- 2 e-car charging stations
- e-bike charging stations for employees
- participation in the Viennese universities' Sustainability Challenge
- employee involvement and participation.

Boosting the process

By working in partnership, the project gave impetus to innovation in the fields of plant mobility, plant logistics and climate neutrality

Employee participation

At the beginning of the project, Siemens Mobility invited its employees to contribute new, alternative ideas to the process.

Employee participation was further promoted under Smarter Together through the SIMmobile. The mobile information point made a stop at the Siemens Mobility site in autumn 2017.

The results of this participation process include new e-charging stations and e-bikes for employees. The selection of the models of the new e-forklifts and the new charging stations for small devices was also based on suggestions from employees.



Funded by the Horizon 2020 Programme
of the European Union

Measurable effects

The switch to e-mobility in many areas of plant logistics ultimately resulted in a reduction in annual diesel consumption of around 20,000 litres.

Lessons Learned

- EU pilot projects can also boost innovation in large companies and contribute to the attractiveness of a location.
- The involvement of employees contributes to employee satisfaction and is relevant for the success of the company.

Replication

Siemens Mobility has implemented numerous follow-up projects based on the results and experience gained from Smarter Together.

Siemens participated in the Sustainability Challenge in the 2019/20 academic year, offering students a hands-on opportunity to explore innovative energy solutions for its operations.

In 2020, a 500-kWp PV system was commissioned and installed at the plant.



E-forklifts © Siemens



Michael Ludwig at Siemens © PID / Christian Fürthner



New 500 kWp PV plant at Siemens Mobility © Alexander Teufel