



Solar benches NMS Enkplatz © PID / Jobst

Factsheet

Solar benches

Facts & Figures



2

solar benches with power sockets

2

schools and 1 school forecourt

Contact

City of Vienna, Department for Energy Planning

Herbert Hemis
herbert.hemis@wien.extern.gv.at

Andrea Kinsperger
andrea.kinsperger@wien.gv.at

City of Vienna, Department for Construction and Facility Management

post@ma34.wien.gv.at

Project context

From the beginning of the project and in the course of the preparations for the school extension at Enkplatz, various possibilities for the early involvement of pupils were considered.

The installation of solar benches within the framework of Smarter Together was intended to make the innovations tangible for pupils and ensure their visibility in a public space.

Smarter Together measures

- international screening of the market for solar-powered furniture for public spaces
- acquisition and installation of solar benches on the school forecourt of the NMS and ONMS Enkplatz secondary schools
- monitoring and maintenance management.

Boosting the process

Smarter Together served as a test environment for piloting this type of street furniture. It also allowed the procurement process to be implemented under favourable conditions and tested for subsequent purchases.

Use by pupils

The solar benches are primarily used by the pupils of both schools at Enkplatz. They were a welcome alternative meeting place, especially during the construction work.

In addition to being used as seating, the benches have power sockets attached to the table, which are supplied with energy by the PV panel enclosed under glass on the table. These are also very popular with the pupils.

Lessons Learned

The susceptibility to faults of the product and the necessary guarantee of service and repair must be evaluated and ascertained in advance, not only legally but also practically, and included in the decision-making process.

Replication bzw. Weiterführung

Enquiries from various municipal district representatives regarding the possible procurement of this type of furniture confirm the pioneering role of Smarter Together.

For more details see
www.smartertogether.at



Funded by the Horizon 2020 Programme of the European Union



Solar benches NMS Enkplatz © PID / Jobst

Holistic thinking about solar benches as street furniture

- The solar benches can be seen not only as independently functioning urban installations, but also as a means to convey broader messages and values related to the smart city concept.
- Innovations in the field of renewable energy and energy solutions can be made more tangible for targeted user groups, while at the same time providing them with practical added value.



Solar benches NMS Enkplatz © PID / Jobst



Solar benches NMS Enkplatz © PID / Jobst