



Naturspeicher GmbH

Storing energy naturally
- this is our way

THE NATURSTROMSPEICHER

More than just a wind farm...

- Combination of wind power and pumped storage
- Flexible and efficient short-time storage for tomorrow's electricity markets
- Standardised power plant concept
- Excellent integration into nature and landscape
- Uncomplicated licensing procedure
- Short construction time

FLEXIBLE

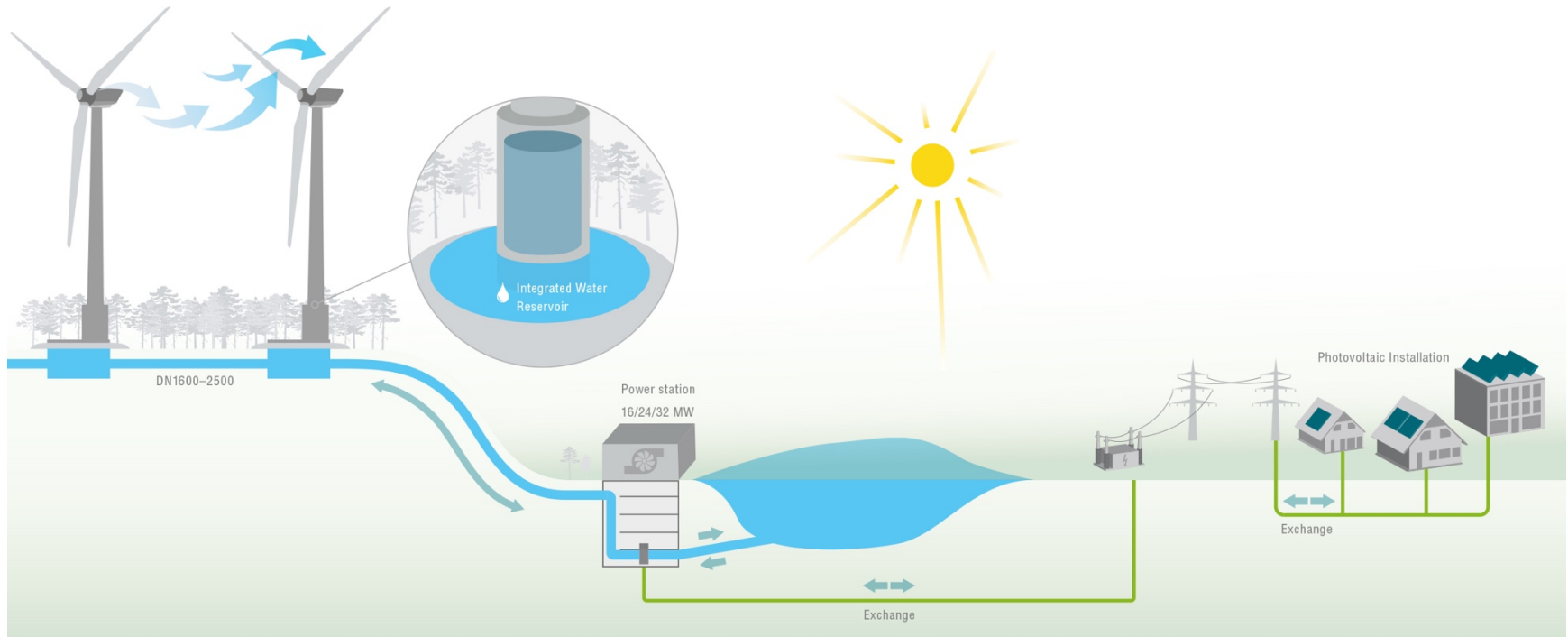
STANDARDISED

“BANKABLE”



NATURSTROMSPEICHER

This is how it works:

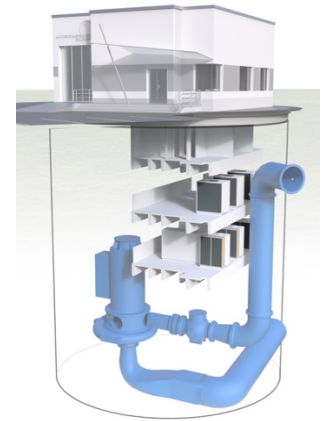


NATURSTROMSPEICHER

Your power plant which stores, regulates and delivers in case of shortages.



- Upper water reservoir integrated in the foundation of the wind tower
- Pre-fabricated and standardised system
- Power sizing: 16/24/32 MW
- Applicable head: 150 - 350 m



MULTI-PURPOSE

STANDARDISATION

PRIMARY RESPONSE

PILOT PROJECT GAILDORF

Commissioning in 2017



- Wind: 4 x 3,4 MW
- Storage: 16 MW
- Storage capacity: 70 MWh
- Water volumes: 4 x 40.000 m³
- Funded by German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety.



THE NATURWÄRMESPEICHER

Your natural heat source



- Ecological heat source to be used with highly efficient heat pumps
- Heating and air-conditioning in a single system

SOFT CHILL

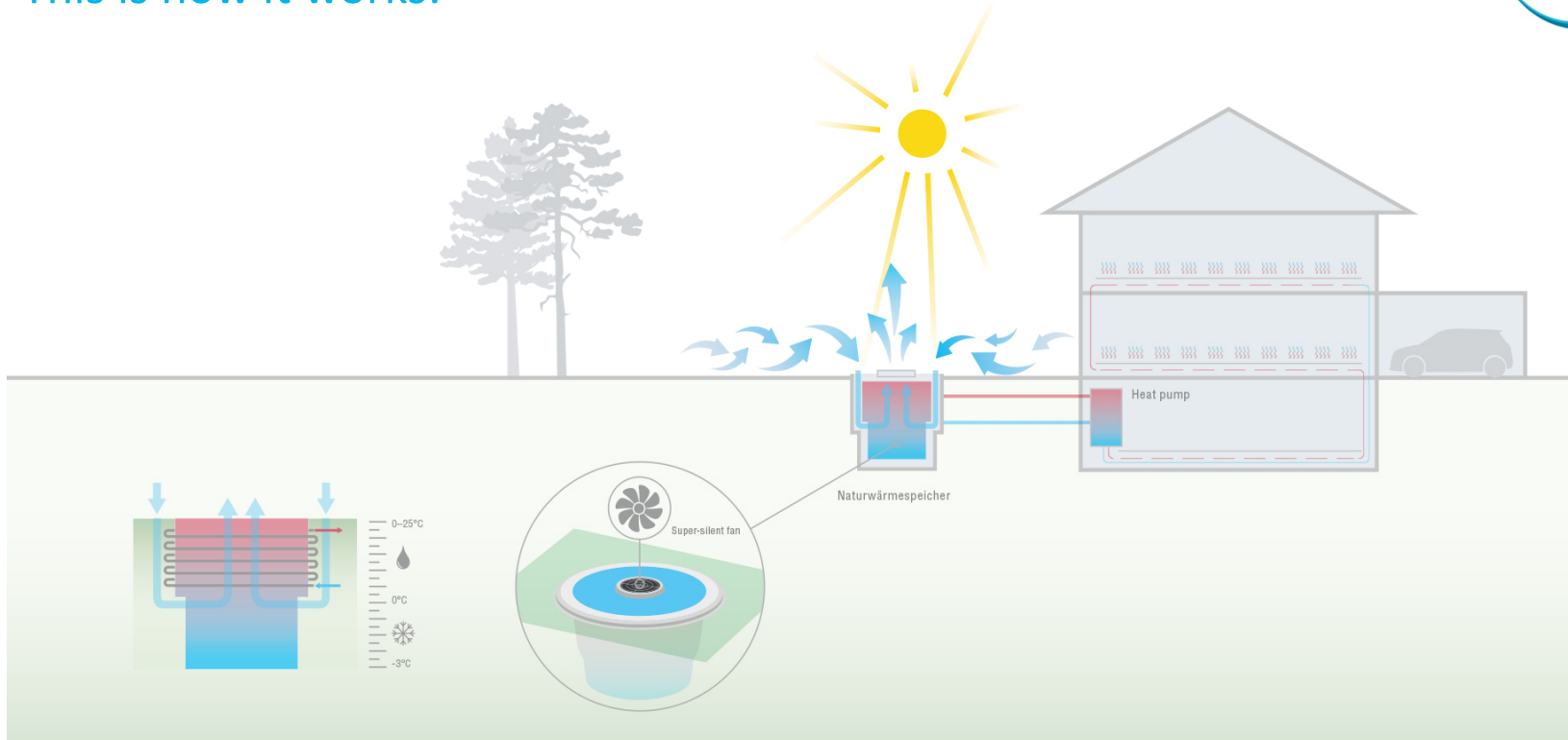
PLEASANT WARMTH

SCALABLE



NATURWÄRMESPEICHER

This is how it works:



THE NATURVERSORGUNG

The cogeneration of heat and power of renewable energies



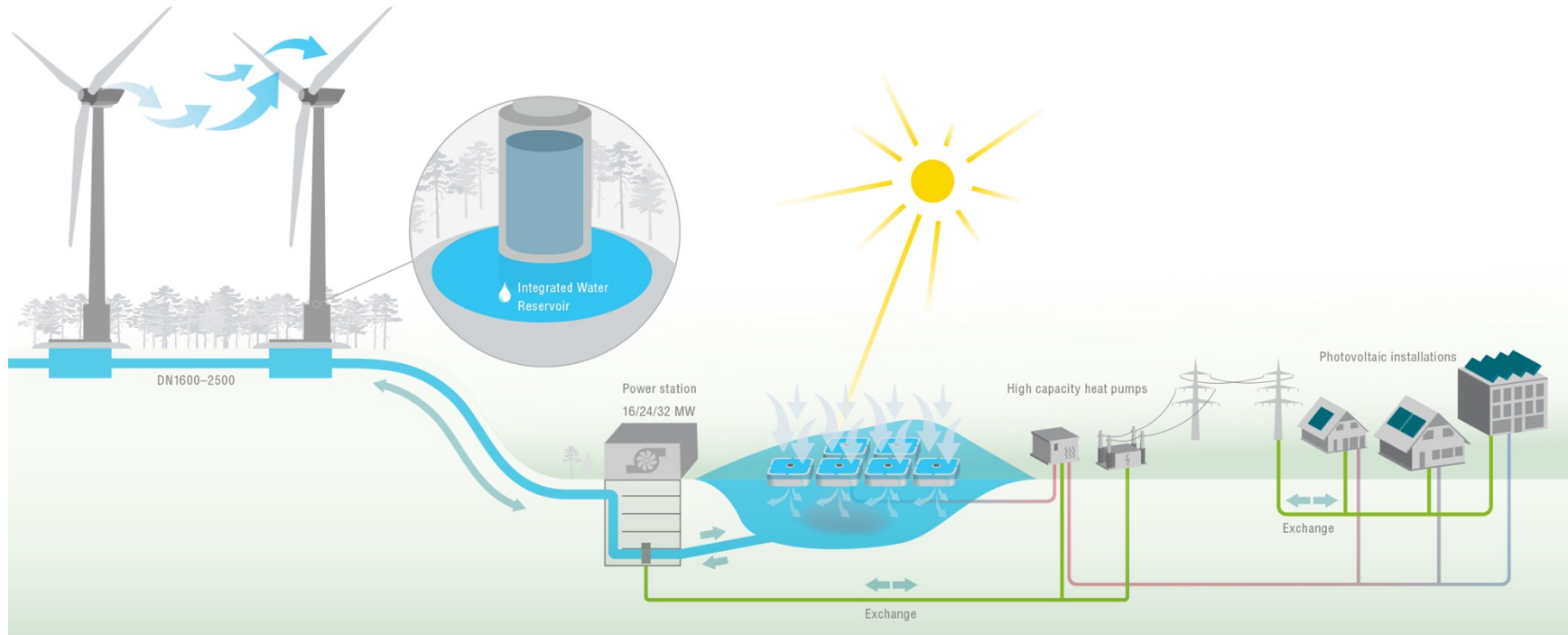
- The Naturversorgung – our natural energy supply system – combines the **Naturstromspeicher** with a large **Naturwärmespeicher**.
- It provides power and heat for industry, commerce and private homes.

CONNECTED WITH THE CUSTOMERS

FIT FOR DIRECT REGIONAL SUPPLY

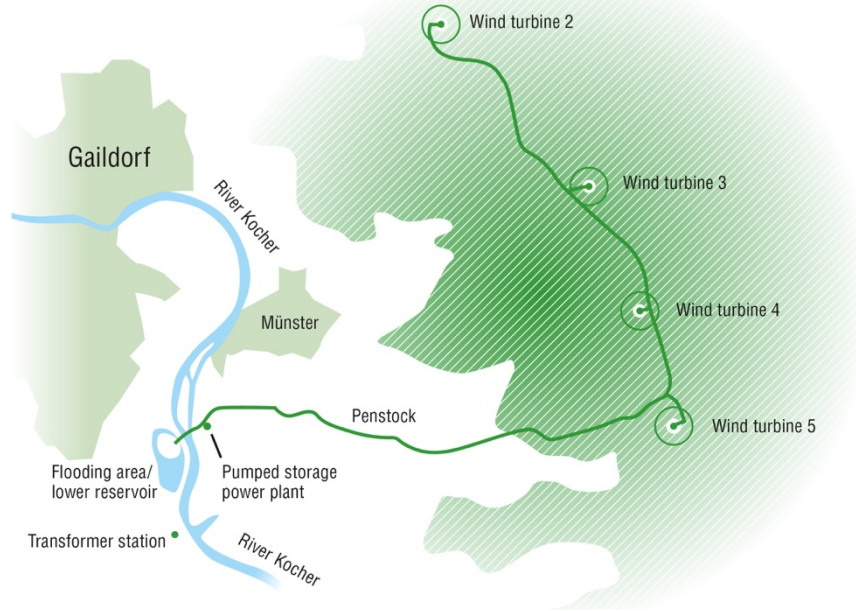
THE NATURVERSORGUNG

This is how it works:



PILOT PROJECT GAILDORF

The setting



PILOT PROJECT GAILDORF

Impressions of the construction sites
in the middle of September 2016



PILOT PROJECT GAILDORF

Impressions



Construction site wind energy converter #4
in the middle of September 2016

PILOT PROJECT GAILDORF

Impressions



Construction site wind energy converter #3
in the middle of September 2016

PILOT PROJECT GAILDORF

Impressions



Construction site wind energy converter #3
in the middle of September 2016

PILOT PROJECT GAILDORF

Impressions



Construction site wind energy converter #5
in the middle of September 2016