

## Happy Birthday – 6 years photovoltaics

Photovoltaics is the term used to designate the direct conversion of light energy into electric energy. The term derives from the Greek word for light “φως” (phos) and the unit for electric voltage “volt”.

Not least due to its clearly proven economical significance, low CO2 emissions and next to no detectable greenhouse gas emissions did HA-BE decide in 2010 to install a PV system on the company buildings. In this way, we consistently follow our guiding sustainability principle, always looking ahead with a view to the long term. In this context, HA-BE does not focus on short-term success, but rather sustainable profitability and particularly the conservation of resources.

### Facts and figures

#### Technical details

- Output: 411 kWp
- Number of modules: 2,284
- Surface area of modules: 2,900 sqm
- Number of inverters: 42

#### Performance data since 2010

- CO2 avoidance: 1,604,060 kg
- Energy generated: 2,201,514 kWh



With the connection of a photovoltaic system to the power grid, HA-BE took a big step towards a sustainable and independent energy supply.