

## Getting to the heart of quality

- Outstanding return on investment
- Short construction time despite challenging weather conditions
- Community solar park financed through a citizens' solar energy fund



## 7.65 MWp Solar power plant Meldorf, Germany



### Technical Data

- Ground mounted installation
- Nominal power: 7,654 kWp
- Estimated energy production: 7.233 GWh per year
- Estimated CO<sub>2</sub>-savings: 4,346 tons per year

### PV Modules

- Manufacturer: Hyundai HiS SF-Series (194-206 Wp) - multicrystalline
- Number of modules: 38,094
- Module efficiency: around 14%

### Inverters

- 21 Solarmax 330C-SV

### Mounting system

- Specifically adapted to the extreme wind load in Northern Germany by Solar-Energie-Andresen GmbH
- 8,179 ramming foundations
- 1,415 module tables for 28 modules each

### Connection to grid

- Section 1: 28.12.2009
- Section 2: 7.5.2010