



## Tilting photovoltaic system (roof)

### System

The **mobile and tiltable photovoltaic solution SKipp Roof** is ideal for **green roof areas**. This fully preserves the ecological performance of the green roof as a compensation area. The installation can be carried out easily on already greened roofs or during the greening process.

### Applications

#### Retrofittability: Use on already greened roofs

- ✓ While conventional photovoltaic systems have to be installed integratively with the greening, the SKipp solution provides the necessary load and stability thanks to the integrated reserve weight. Tipping over or slipping, even in strong winds, is impossible.

#### Low shading

- ✓ vertical modules allow the vegetation to be exposed to more sunlight
- ✓ Row spacing between the modules allows taller growing plants

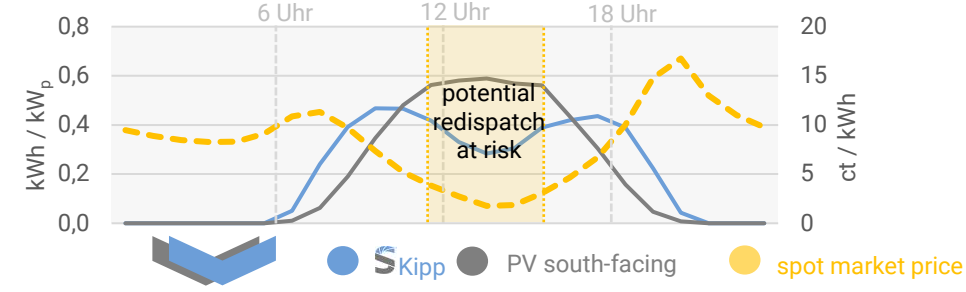
### Increased remuneration due to electricity generation at more profitable times of day

Direct comparison **SKipp** - south-facing standard module

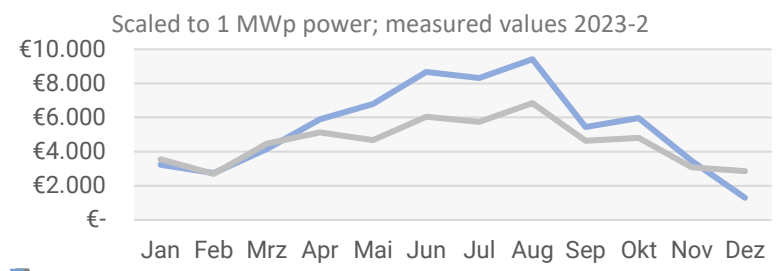


**Test facility in Baden-Württemberg**  
Comparison of measurement series since spring 2022

Daily view: Average yield vs. spot market price - August



Annual view: Monthly turnover in direct marketing



~ 20% higher turnover with the same earnings



## Green roof areas | upgradeable

### Construction

- 1** Bifacial photovoltaic module (2m<sup>2</sup>)
- 2** Maintenance-free slide bearing enables deflection of the module under wind load
- 3** Restoring weight for vertical alignment of the module in the unloaded condition



### Key facts



0,45 kW<sub>p</sub> per unit  
0,09 kW<sub>p</sub>/m<sup>2</sup> per area\*



1,62 m\* x 2,04 m x 0,86 m  
Height x Width x Depth



~ 80 kg per unit  
~ 15 kg/m<sup>2</sup> specific weight



\*with a row spacing of 2,5 m

