

# Solardynamik GmbH



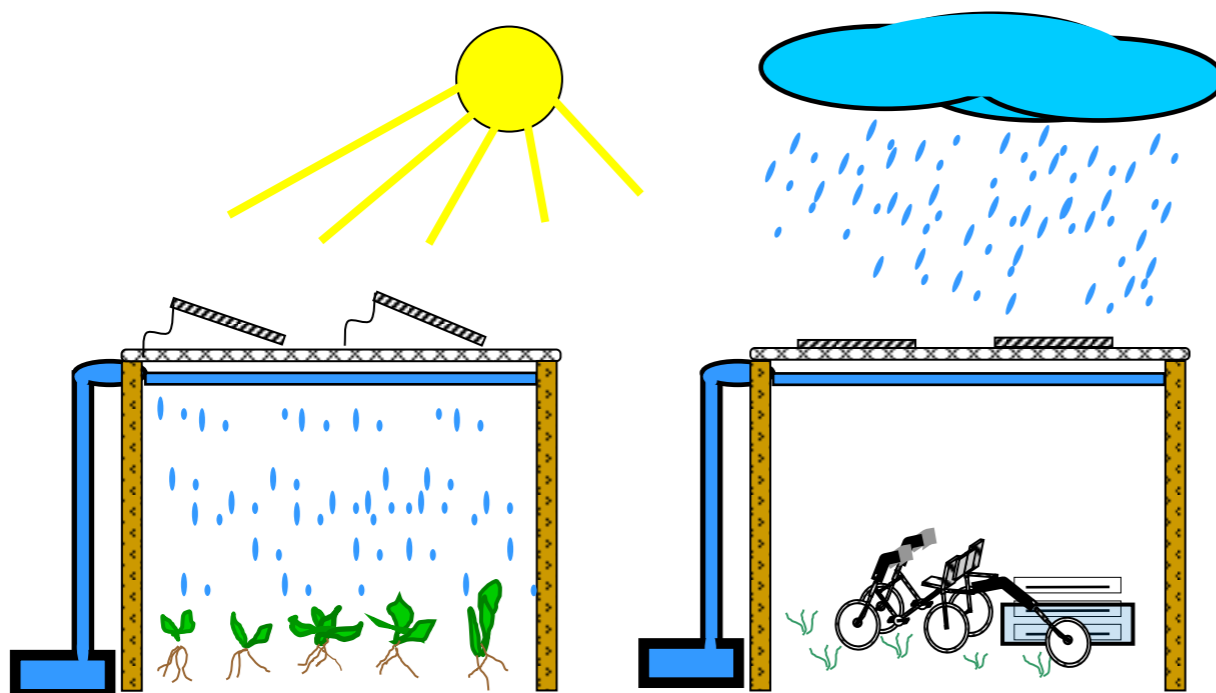
Team: Karl-Friedrich Harter, Wolfgang Ackenhausen, Anna L. Antikainen,  
21.10.2015, ca. 12:30, ROOM A - RENEWABLE ENERGIES



# Business Segment

The **Solardynamik GmbH** actively **researches and develops** innovative ideas and concepts in order to make **solar technology and renewable energies** more efficient for both state authorities and the market.

Currently, Solardynamik's main focus is the development of adapted solar technology and the **production of fixed and dynamic panel systems** in order to create added value for agriculture, mobility, and advertising.



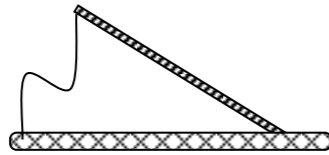




# Product Portfolio in Development

## PV-Tracking system

### Method



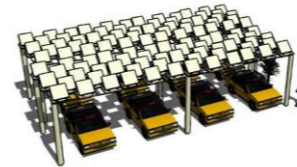
Lightweight construction

### Use

- 1) Installation widely possible on previously unsuitable roofs
- 2) Cost-reduction along the entire production chain (from material sourcing to logistics)

## Carport roofs

### Method



PV can be fixed to lightweight roofs

### Use

- 1) More optimal sun and heat regulation\*
- 2) Architectonic integration

## Agrophotovoltaik

### Method



Lightweight PV constructions can be combined with water management

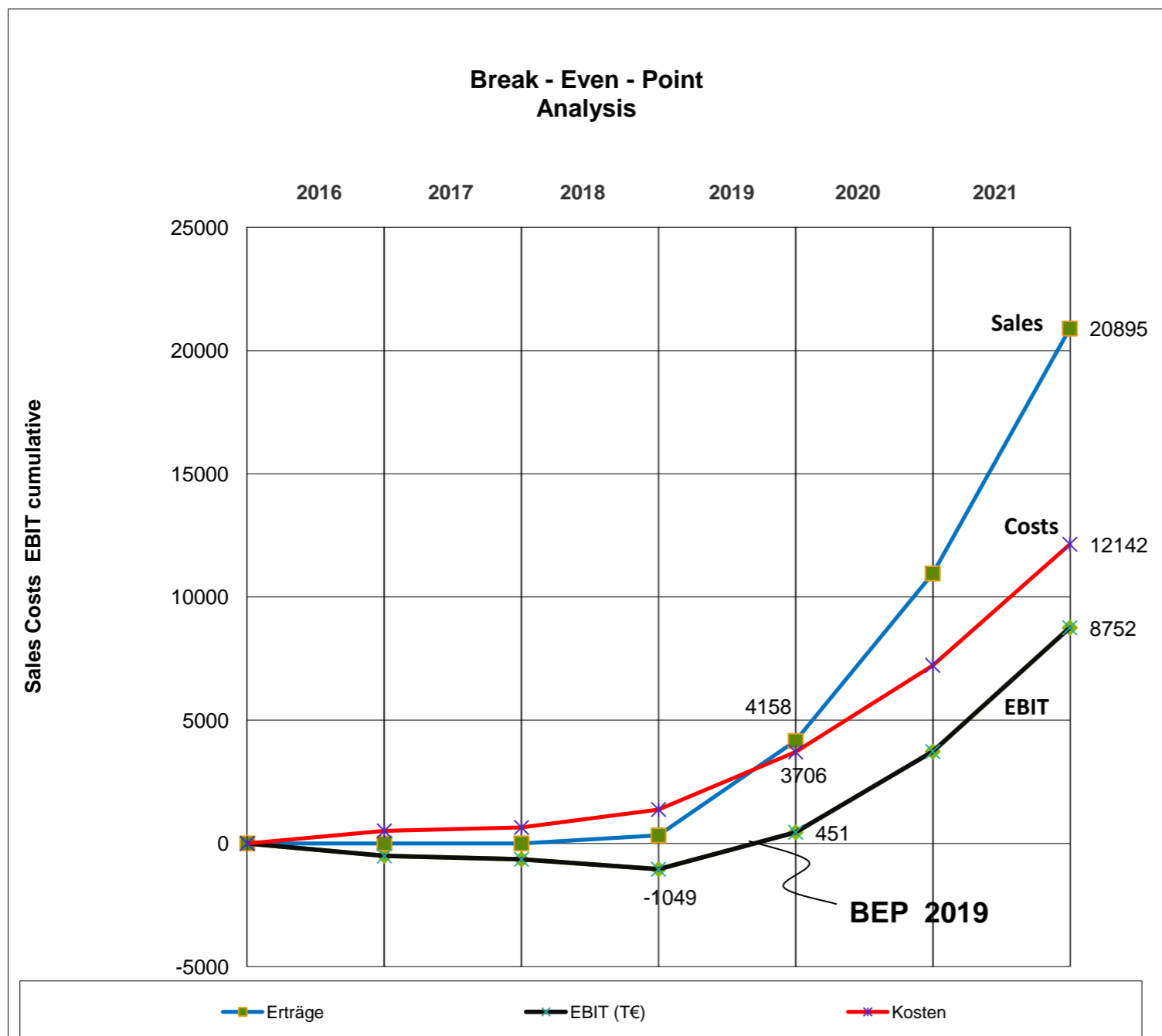
### Use

- 1) Cost-efficient because automated installation possible
- 2) Higher yield, PV-water efficient for regions with extreme weather events

\*Additional: thermotropic nanocapsules from the Fraunhofer Institute for Applied Polymer Research



# BEP - Analysis



# Thank you for your attention! Any further questions?



Solardynamik GmbH, im IGZ/OWZ, Berlin-Adlershof,  
Rudower Chaussee 29, D-12489 Berlin, [www.solardynamik.eu](http://www.solardynamik.eu)  
Tel.: 030/ 120 740 860, Fax.: 030/ 120 740 869

Karl-Friedrich Harter, Mobil: 0178-4720606, [harter@solardynamik.eu](mailto:harter@solardynamik.eu)

Wolfgang Ackenhausen, Mobil: 0177-7495542, [wolfgang@solardynamik.eu](mailto:wolfgang@solardynamik.eu)

Frau Anna L. Antikainen, M.A. FU Berlin, PR-Marketing – Funding,  
[anna.antikainen@solardynamik.eu](mailto:anna.antikainen@solardynamik.eu)