Clever control of self-produced power consumption

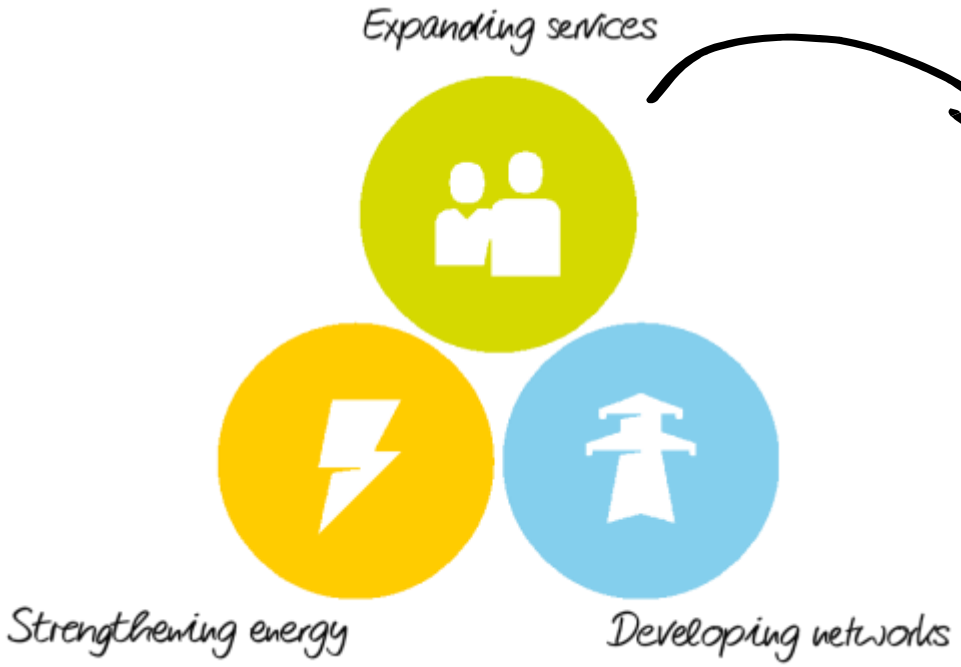
SWISS-US ENERGY INNOVATION DAYS 2018

AUGUST 21ST 2018

DR. MARTIN KAUERT, HEAD ENERGY SOLUTIONS

BKW

BKW is evolving from a traditional electricity producer to a leading provider of energy and infrastructure services



New business opportunities offered by digitization

PV-Monitoring as the backbone for novel services

Solare Datensysteme GmbH
Global Market Leader in PV-Monitoring
and a subsidiary of BKW since 2015

Solar-Log™ WEB WORLDWIDE

weltweit in 118 Ländern verbaut

282.381 Anlagen weltweit

208,63 TWh Gesamtenergie

119,33 Mt CO_2-Vermeidung

38,60 GWh Ertrag heute

12,77 GWp Installierte Leistung

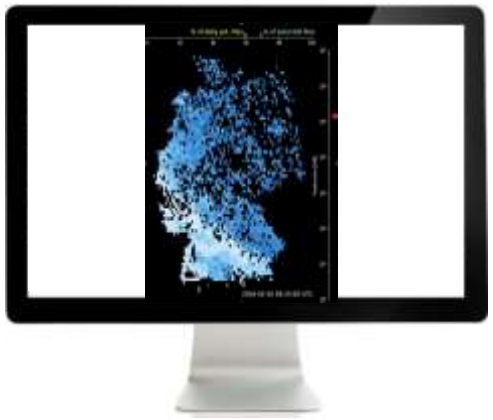
Development of new photovoltaic services

PV-Monitoring

Feed-in Management

Direct Marketing

Data Business



Energy Management

Energy Management as the core of the smart energy solution: Connecting Modules and enabling new Services

Modules

- Photovoltaic
- Solar Battery
- Heatpump "Radiator"
- Heatpump "Water"
- Charging Station

Energy Management

Data Collection

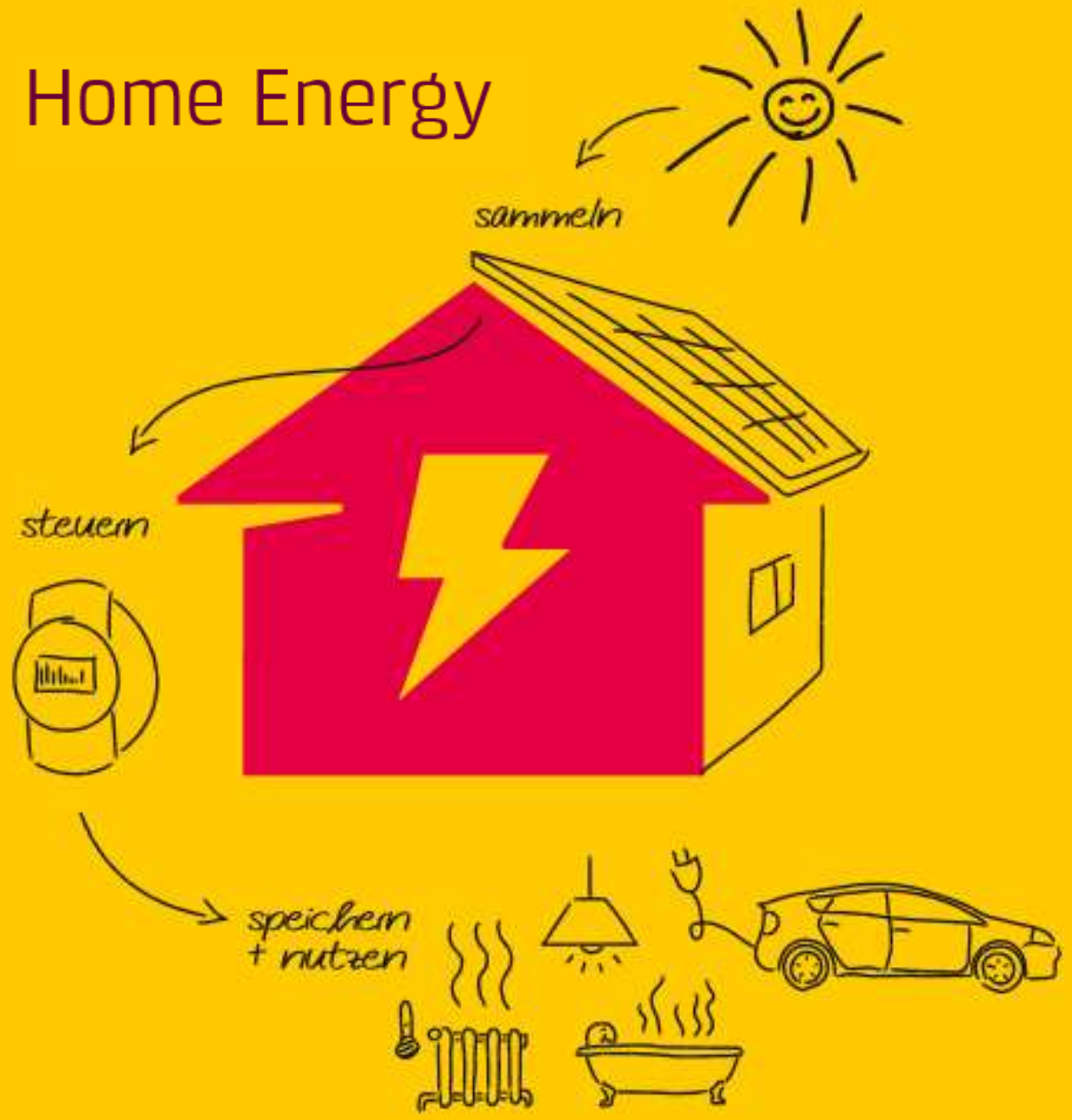
Optimisation of PV-self consumption

Services

Support (1st & 2nd Level)	Free Hotline, direct access to the control in case of emergency
Monitoring Silber	Visualization of consumption, production and system status via MobileApp und WebGUI
Monitoring Gold	Monitoring of status and thresholds. Alerting experts in case of errors
Cleaning	Cleaning of the PV-installation / modules
Maintenance	Maintenance of the PV-installation
Performance Benchmarks	Value add services based on smart data analysis

Optional: premium

Home Energy



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