

Mission: Offer Smart IoT energy management systems based on AI for professionals

Our vision: help professionals to reduce their energy footprint

Smart Energy Management System - SEMS

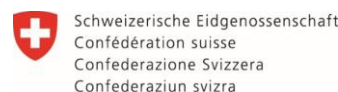


Sami Najjar
CEO & CTO
+41 76 223 53 15
sami.najjar@stignergy.ch



Antonio Cusanelli
Product Engineer
+41 78 251 78 16
antonio.cusanelli@stignergy.ch

Energy Startup Day 2023 - Bern

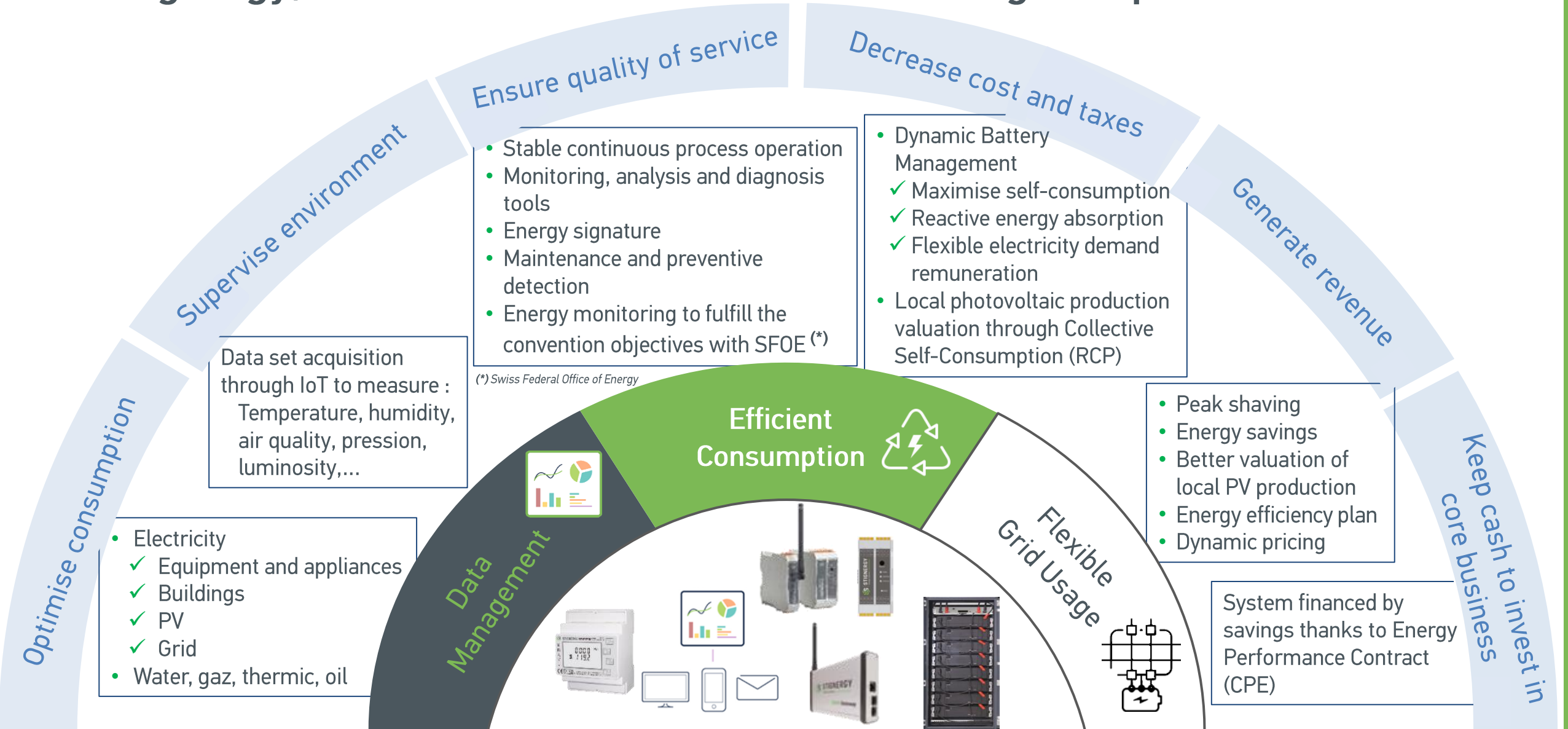


Office fédéral de l'énergie OFEN



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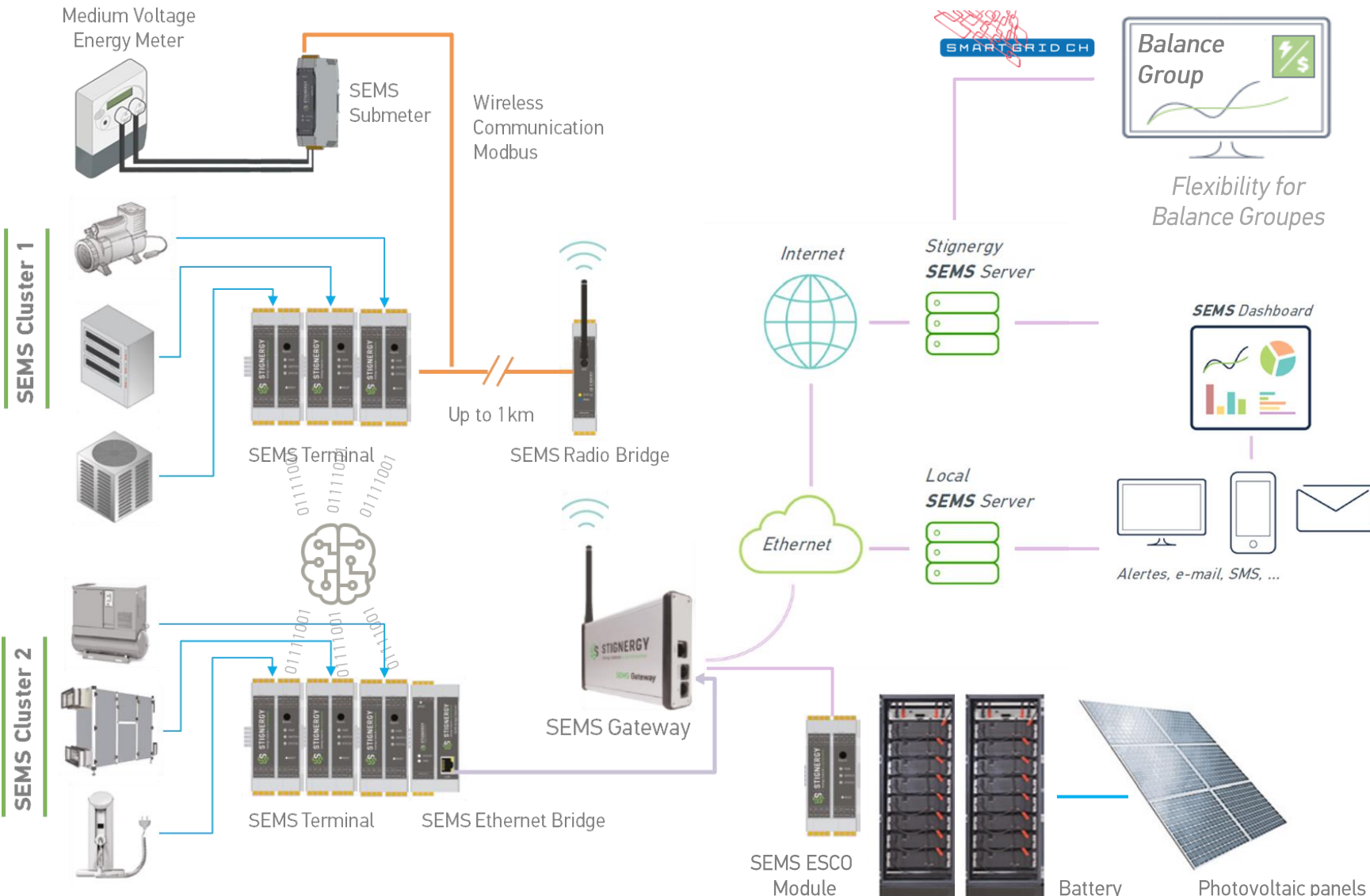
At Stignergy, We Have 3 Proven Solutions Serving Companies Needs



Efficient Consumption



SOLUTION



swissgrid



Flexibility for Balance Groups

Operational process

1. Selection of big electricity consumer appliances & equipment
2. Learning phase
3. Flexibility and constraints parameters definition
4. Continuous optimizing process based on collective intelligence :



Swarm Technology

Each SEMS Terminal has one-minute life cycle to :

- a) Read charge status
- b) Update dynamic parameters
- c) Generate a set of data
- d) Broadcast data messages
- e) Receive data messages
- f) Decide on local algorithm
- g) Apply decision
- h) Send decision and measurements to the Gateway
- i) The Gateway send decision and measurements to the Server

SEMS-EDCO : Energy Demand Control & Optimization



Thank you for your attention

