



County Councils of
ALBA and HARGHITA



ELIZE

Rural Sustainable Microgrid Pilot Project in Romania

THE PILOT PROJECT

Research and Pilot Innovation
Project for providing electricity
to remote rural areas

TARGETS

Setup a research infrastructure for
Smart Microgrids in remote rural areas

Implementation of Smart Grid Technologies
through pilot project

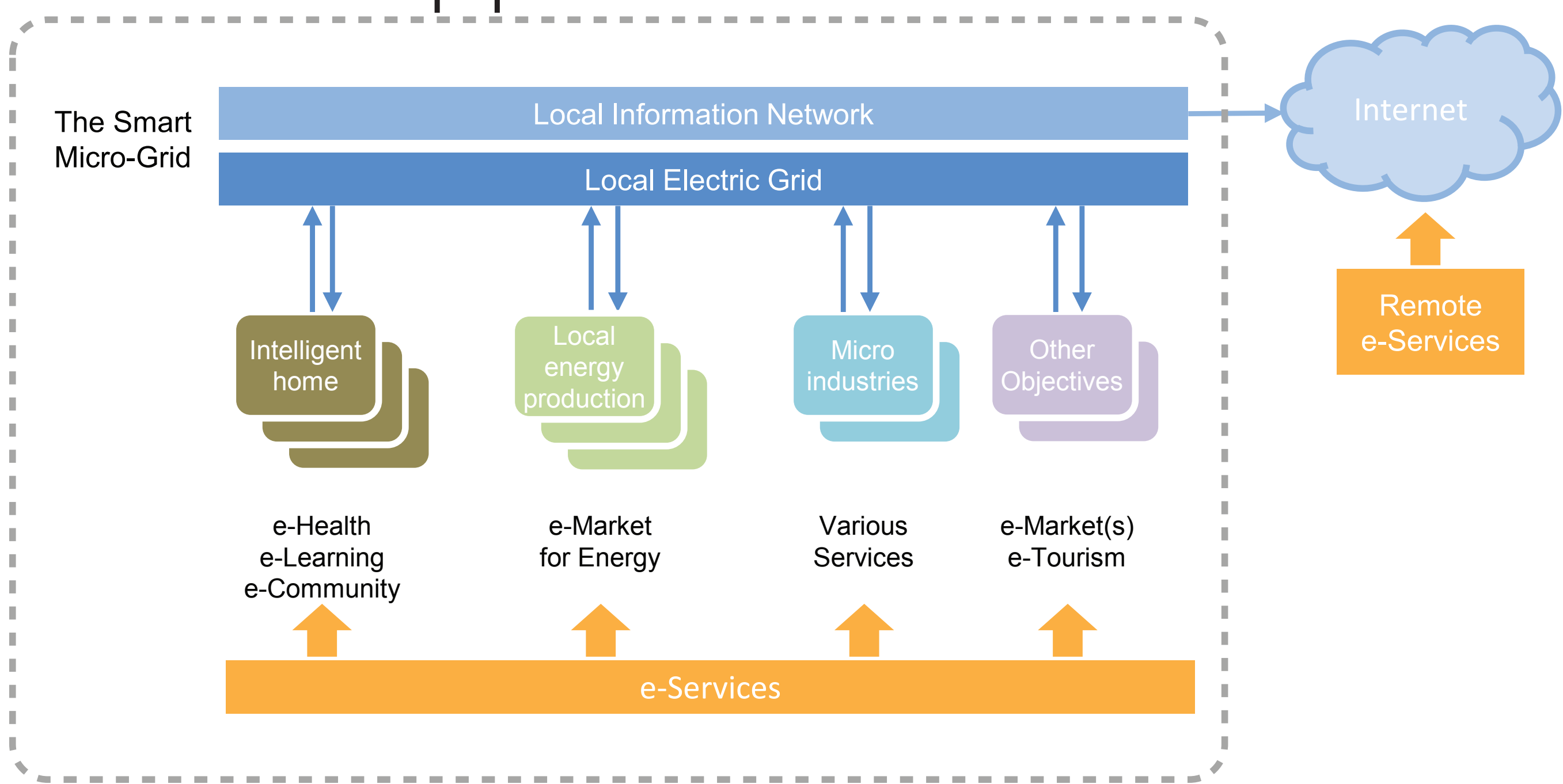
Replication of tested technical solutions
in other remote rural areas

CONSORTIUM

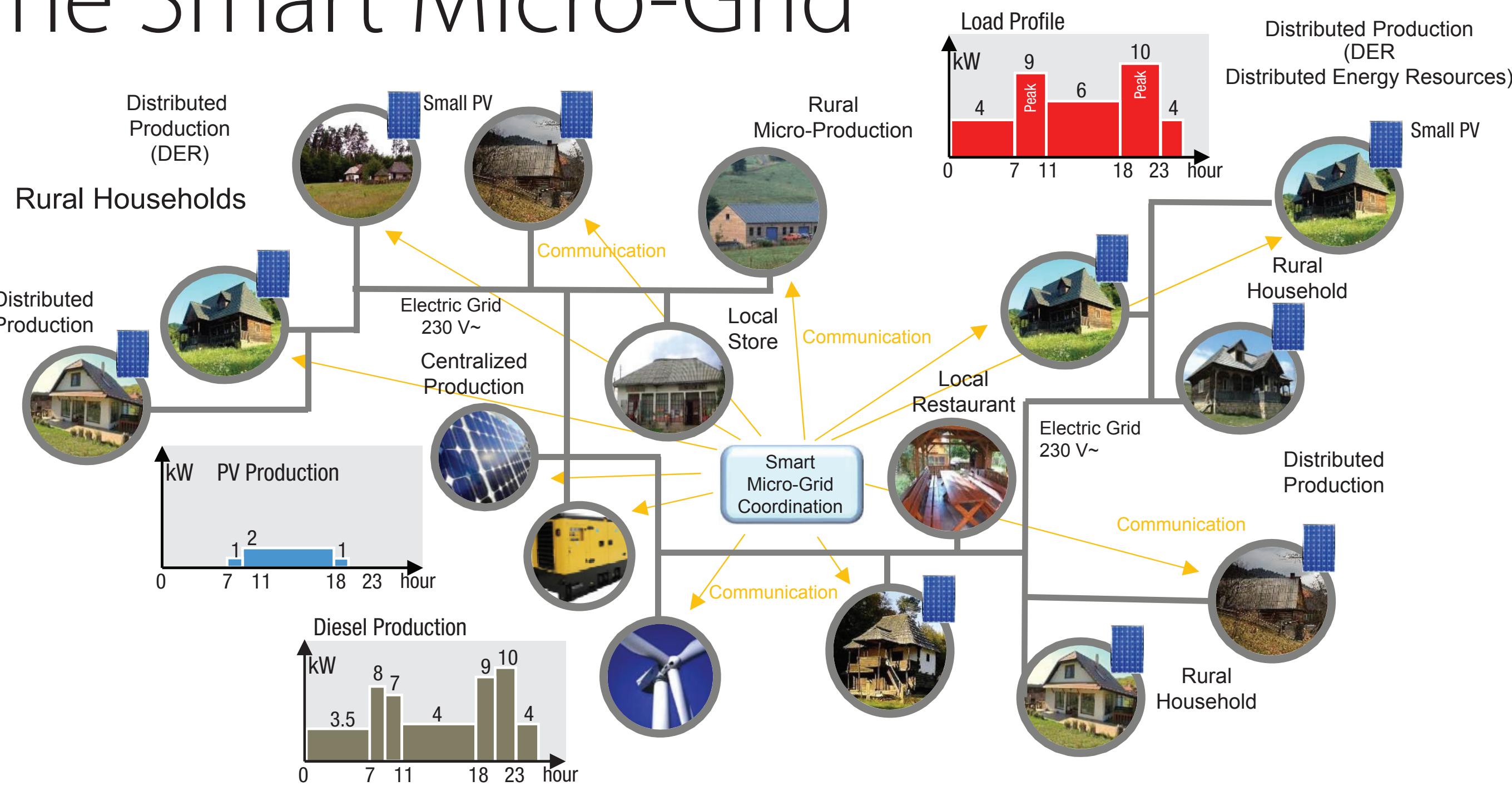


GENERAL CONCEPT

A Holistic Approach



The Smart Micro-Grid



Enabling technology (for energy solutions in Smart Communities):



The Unbundled Smart Meter (USM)

Development: in the H2020 project NOBEL GRID, <http://nobelgrid.eu/>

Reference: <http://smartgrid.ieee.org/april-2015/1280-new-smart-meter-design-in-nobel-grid>

The USM architecture is a systematisation of functions in two main blocks: an advanced metrology part (SMM) and a business logic and communication part (SMX).

PILOT AREAS

SĂSCIORI, ALBA



BUCIN, HARGHITA



PILOT PROJECT IMPLEMENTATION

2015

Start and
Solution Study
for the Project

2016

Project design
including
financial solutions

2017

Project implementation
in the designated
pilot areas