

## Rural Communities engaged with positive energy

### OBJECTIVES

1. To increase the share of renewable local energy sources in energy mix strategies and plans in **11 Mediterranean regions**.
2. To propose a **new model** for planning the development of renewables in rural communities at decision making and planning experts levels.

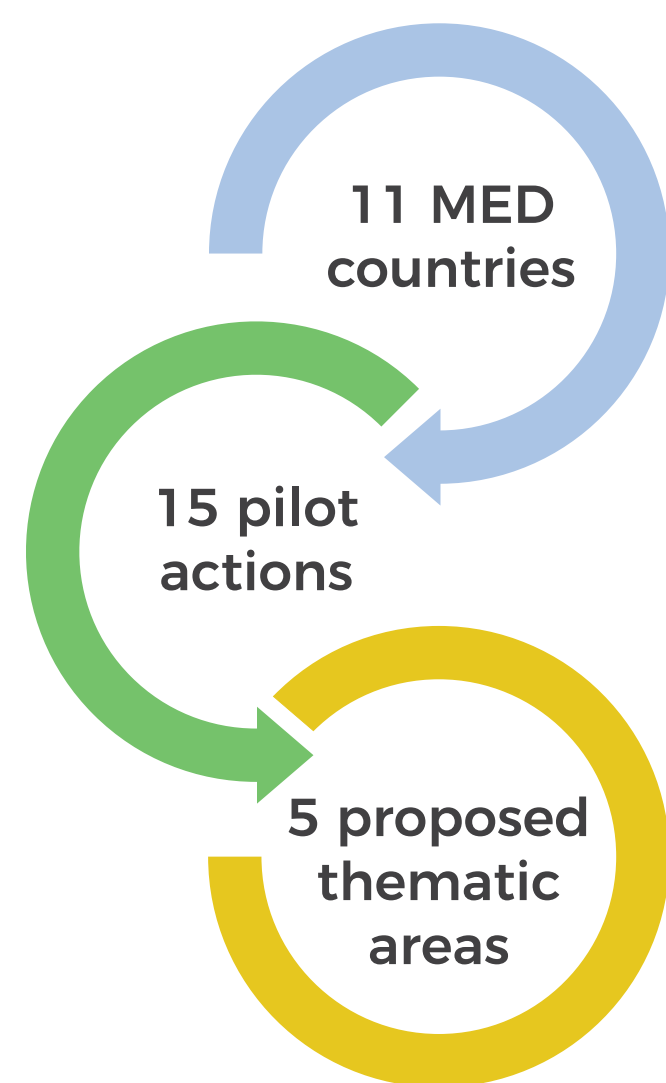
### HOW CAN RENEWABLE ENERGY HELP TO DEVELOP RURAL COMMUNITIES?

- Development opportunities for local businesses
- Contribution to energy security
- Climate change mitigation
- Reduction of energy costs

Partners are implementing **15 pilot actions**, demonstrating potential of **energy efficiency measures (EEM)** and introduction of **renewable energy sources (RES)** to local communities, contributing not only to energy savings but also demonstrating development potential of selected measures in local environment.

#### Thematic areas

1. Small scale RES demonstration
2. Local business models
3. IT/ web tools - monitoring/ management systems
4. Awareness/ behavioural change/ social acceptance on RES
5. Empowering local authorities/ communities for innovative development of local potentials



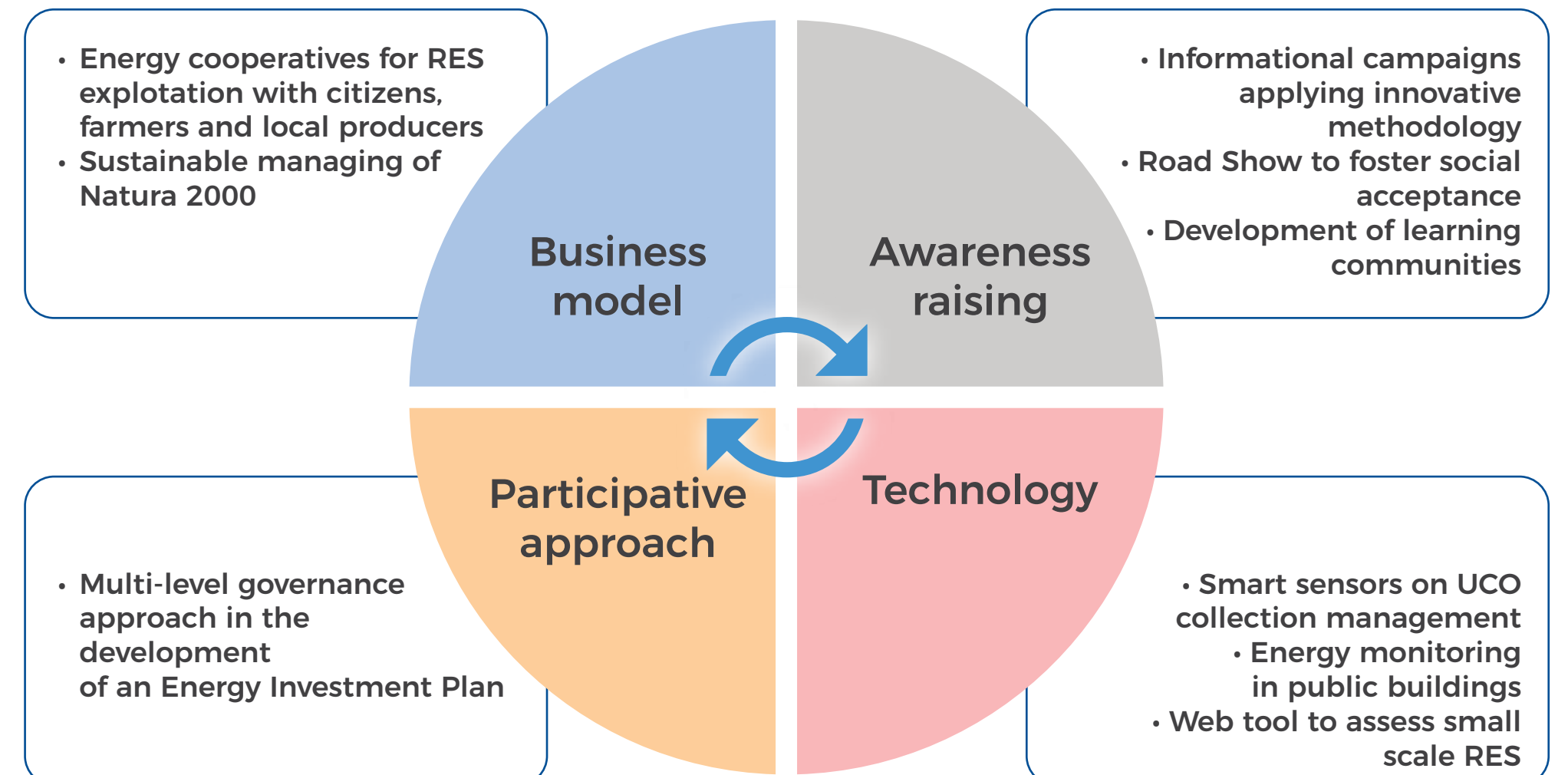
#### Expected output

Feasibility studies for biomass heating plant	Action plan and business plan prepared and adopted by municipal council	Action plan and business plan prepared and adopted by municipal council
Local energy business model development	Model of development planning with RES and EE horizontal premise at small rural areas	Web tool to dimension and assess feasibility of small scale RES
Feasibility study on local small chips production unit	Business plan on implementation of RES	Capacity building and awareness raising events implemented

#### Common methodology for demonstration



#### Innovative elements



### INFO

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#### LEAD PARTNER



TECHNICAL UNIVERSITY OF CRETE (TUC)  
SCHOOL OF ENVIRONMENTAL ENGINEERING  
RENEWABLE AND SUSTAINABLE ENERGY  
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