



Sustainable Peri-Urban framework
for Climate Neutral development

SOLUTIONS PROVIDER

One Stop Shop Energy platform



Funded by
the European Union

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General Information



Solution Name

One Stop Shop Energy platform



Solution Type

Digital Tool



Solution Owner

AESS; Frontier Innovations



TRL Level

Starting TRL6- Target TRL7/8

Challenge solved

Target Pain Point

Solving the **administrative and informational complexity of forming Renewable Energy Communities and finding this solution in one single energy desk**

The Innovation

Core Functionality

- **Digital energy mapping** that locates and supports the formation of Renewable Energy Communities (RECs), and guides the shift to electrified, more efficient industrial processes.
- **Tailored decarbonization roadmaps with finance matchmaking**, connecting businesses to funding, tax incentives, and financial tools while simplifying the regulatory steps for forming RECs.
- **An integrated info-and-capacity hub**, including an energy info-point chatbot and training programs for energy managers and facility operators to drive adoption.

Beyond State of the Art

It pairs the digital tool with capacity building and a guided info-point.

The chatbot/energy info-point plus training for energy managers targets the adoption barrier directly. Many technically strong platforms fail because the target users (municipal planners, SME facility operators) lack the expertise to use them



User value - Benefits

01

Improve REC and their sustainability

02

Fast the energy efficiency adoption and test new innovative funding schemes

03

Engage citizen, public administration and private sector together

Implementation and validation

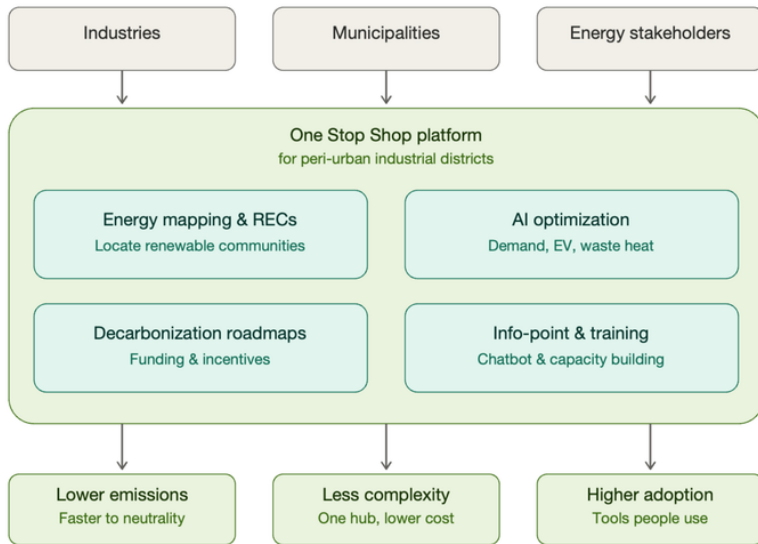
Living Lab

JESI

Replication Potential

Mostly the solution is targeting italian cities this will be possible thanks to the large network AESS is made, actually more then 180 public administrations are associated.





SPURUP

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for Climate Neutral development



National
Technical
University
of Athens



pwc



cesie
the world to only one direction



IUE
Institute
for Urban
Excellence



SIMAVI
Software Imagination & Vision



University of
BRISTOL



WEST
OF ENGLAND
MAYORAL
COMBINED
AUTHORITY



FGS



prometech



DITENCO
ocean efficient engineering



MG sustainable



IANUS
TECHNOLOGIES



ppc inspectra



Suite5
We Deliver Intelligence



Teletia
Technologies



UNIQCUBE



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ΖΥΘΟΠΟΙΑ



Aalborg
Kommune



CITY OF
THESSALONIKI



ZAGORKA



PORT OF
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AALBORG UNIVERSITY



ULTRAQUA
UV DISINFECTION SYSTEMS



Fulcea



IAMR
European Research Institute for
Maritime Research



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