ESTABLISHING EnC

3

STAKEHOLDER MAPPING

Provide an overview of all the actors, their roles and interests in EnC.

P.E.S.T.E.L. ANALYSIS

Carry out Political Economic Social Technological Environmental and Legal analysis which defines organizational structure of EnC.

SELECTING THE BEST SOLUTION

4

TECHNICAL ANALYSIS

Define the set of technical solutions that are possible in the local power network.

ECONOMIC ANALYSIS

Examine various business models and the economics of technical solutions, choosing the best one.

IMPLEMENTATION

5

TECHNICAL DEPLOYMENT

Install the selected RES technologies with the support of professional companies.

TRAININGS & WORKSHOPS

Provide specialized education for community, especially for the community leader to help them with the management and technical operation of EnC.

PILOT SITE: LUČE, SLOVENIA

ENERGY COMMUNITY

With the help of COMPILE partner PETROL and COMPILE tools, the Luče EnC implemented the following technologies that help them reach their vision of becoming the first self-sufficient renewable EnC in Slovenia.

9 PV: 102 kW

5 house batteries 33,5 kW / 74,8 kWh

community battery 150 kW / 333 kWh

ENGAGING THE COMMUNITY

2

AWARENESS RISING

Support the local champion in spreading the idea of Energy Community (EnC) by organizing specialized workshops or community gatherings.

VISION

Clearly present the goals and benefits of EnC that present steps to an active and green community.

FINDING THE LEADER

1

LEADERSHIP

Find the "local champion", someone from the local area that is highly motivated, reliable and respected by the locals.

EXPERTISE & GUIDANCE

Provide the local champion with the technical and organizational support.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement N° 824424

SETTING UP THE ENERGY COMMUNITY

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COORDINATORS & PARTNERS

Coordinator

Technical coordinator

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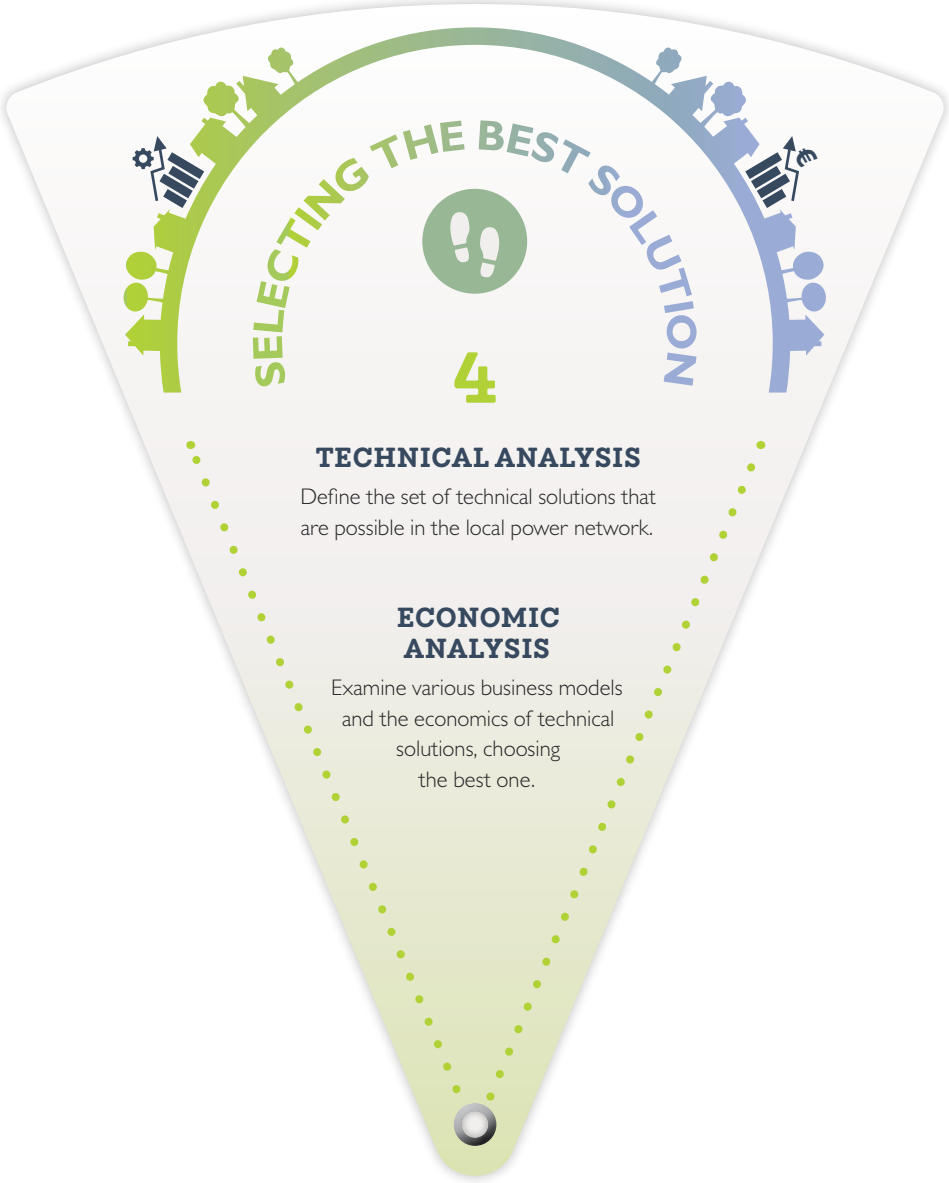
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JOANNEUM RESEARCH

Zelena Energetska Zadruga

grupo ENERCOOP

Coopernico

Rafina Municipality

RESCOOP.EU

IRI UL*

*Linked Third Party

CROWDFUNDING PLATFORM

4

SETTING UP

Define the rules of participation (e.g. locals have priority) and make sure that the IT platform takes that into account together with all the contracts and conditions of the investment.

PROMOTION

Determine the target audience and use the most appropriate communication channels and media to reach them.

SETTING UP PARTNERSHIPS

3

DEFINE THE ROLES

To successfully make the crowdfunding campaign, clearly define the relations, responsibilities and benefit sharing key between the investors, project owner and users.

SIGN THE CONTRACTS

Sort out the paperwork! It's important to have everything well documented and legally justified.

IMPLEMENTATION

5

REALIZATION CROWDINVESTING CAMPAIGN

Make a "grand opening" and close it when you reach the goal.

INSTALLATION OF TECHNOLOGY

Use the gathered funds to implement the selected project.

PERFORMANCE OF CONTRACT

Share the benefits with the investors.

CHOOSING THE OPTIMAL LOCATION

2

TECHNO-ECONOMIC ANALYSIS OF SELECTED LOCATIONS

Based on detailed information on energy consumption on the facility together with technical documentation and data on the planned solar power plant, calculate the expected cost reduction for energy consumption and economics of the investment.

POTENTIAL PROJECTS MAPPING

1

FEASIBILITY

Research on the potential sites (public or private) that would be suitable for crowdfunding investment.

RECOGNITION

Choose the site that would attract a large number of investors.

PILOT SITE: KRIŽEVCI, CROATIA

CROWDFUNDING SUNNY ROOFS

With the help of COMPILE partner ZEZ, the crowdfunding campaign was successfully organized, and jointly owned PV was installed on city library in Križevci.

- 2 days, 40 investors
- 10 years contract duration, 3% interest rate
- 31,5 t/CO^2 savings per year
- PV: 30 kW
- 23.165 € investment

COMPILE TOOLSET

Value Tool, COOLkit, GridRule, HomeRule, EVrule, CoMPilot

PILOT SITES

KRIŽEVCI Croatia, LUCE Slovenia, CREVILLENT Spain, LISBON Portugal, RAFINA Greece

PROCESS OF CROWDFUNDING

Compile

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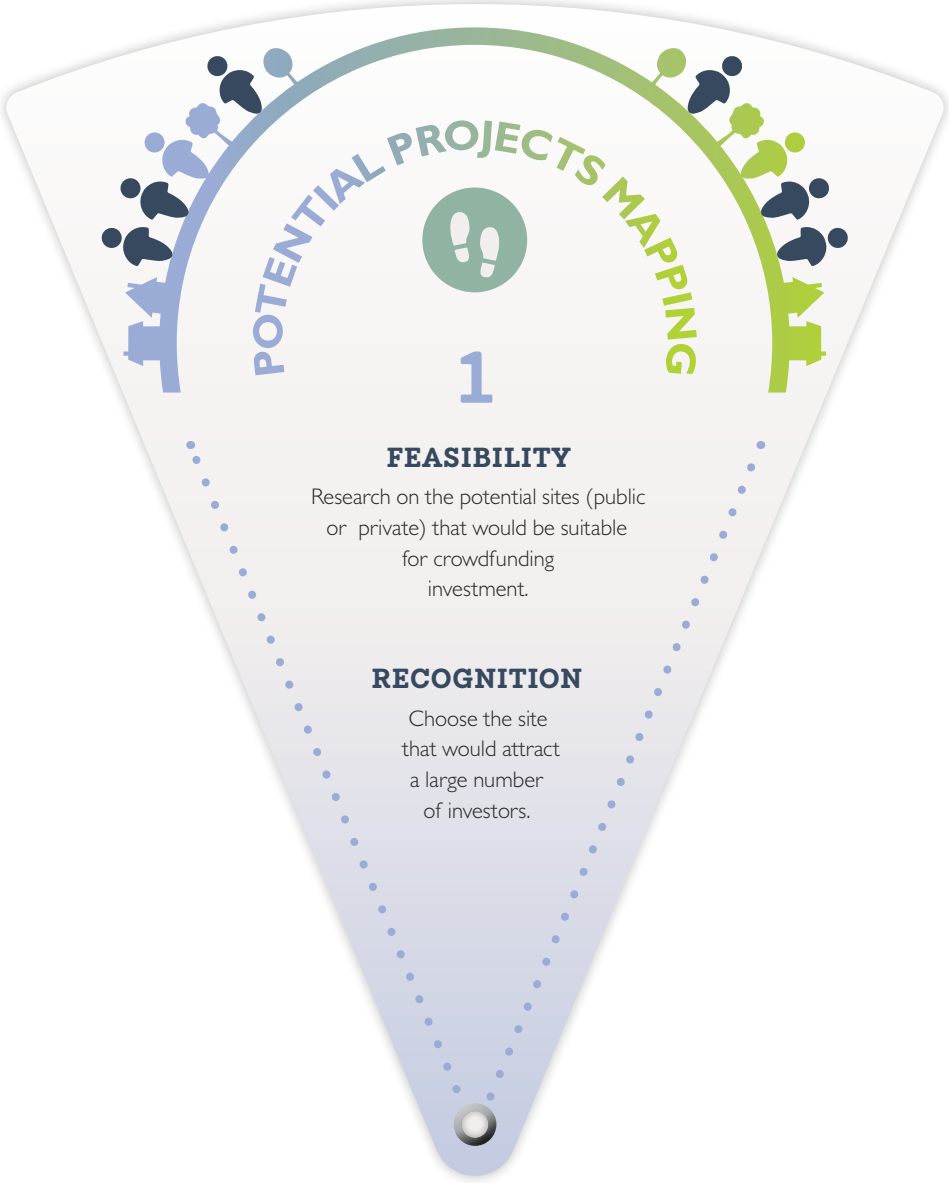
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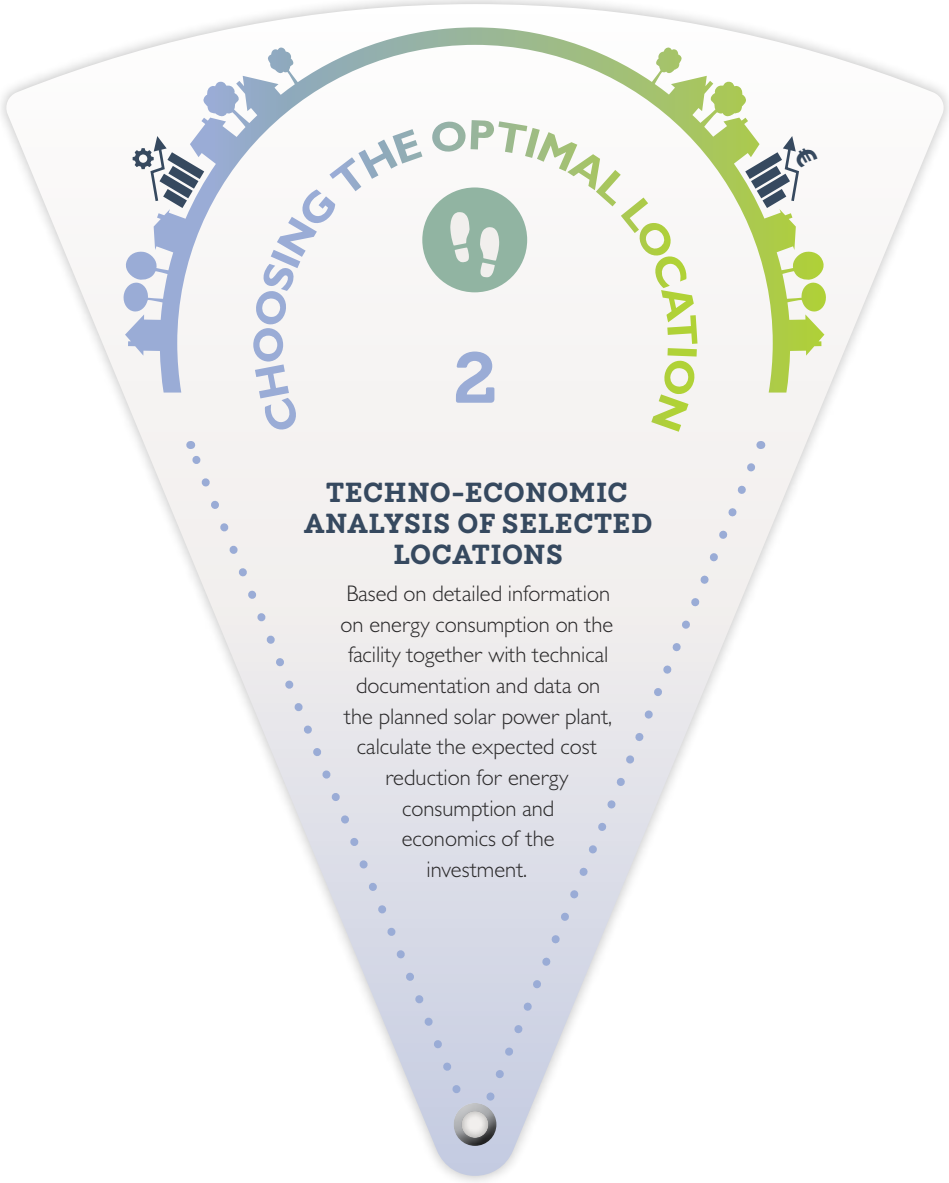
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