



EVENT REPORT

Title of Event: Workshop 3 - Presentation of the solar cooperative model to the local community citizens in the local community St. Anton

Date & Place of Event:	Thursday, September 30, 2021 at 17:00; Sv. Anton 1
Partner/s Involved:	PP5
Relation to Project:	<u>meeting with stakeholders</u> / external event with participation / external event organized by a partner
Topics tackled and description of links to deliverables/outputs	<p><u>Opening speech Darka Jezeršek Žerjal, Municipality of Koper.</u></p> <ul style="list-style-type: none"> - Presentation of the ENES-CE project and implemented and planned project activities: <p>Meeting at the municipality of Koper (Friday, September 24, 2021 at 10:00) regarding the regulation of relations between the municipality of Koper and the solar cooperative,</p> <p>Meeting at Elvira Vatovec Primary School, Branch School St. Anton (Thursday, September 30, at 16:00) regarding the installation of the solar power plant also at the branch school,</p> <p>Analysis of the situation and starting points for the establishment of a solar energy cooperative.</p> <p><u>Opening speech Rajko Leban, director of Local Energy Agency - GOLEA.</u></p> <p><u>Detailed presentation of project activities:</u></p> <ol style="list-style-type: none"> 1. Analysis of the situation and starting points for the establishment of a solar energy cooperative: <ol style="list-style-type: none"> 1.1. Examining the legal bases of renewable energy sources and cooperatives. On August 7, 2021, the new Renewable Energy Promotion Act (ZSROVE - Zakon o Spodbujanju Rabe Obnovljivih Virov Energije) entered into force, where by-laws have not yet been adopted and we still have a transitional period for some articles. A new concept of "community self-sufficiency" ("skupnostna samooskrba") is being introduced, which is also the case of Solar cooperative Sv. Anton. 1.2. Analysis and site selection for the installation of a solar power plant. Given the great response of the inhabitants of St. Anton agreed with the Municipality of Koper to install a solar power plant on the



branch school and not only on the cooperative home in the local community (cooperative home 88 kWp, branch school 131 kWp). The branch school would use about half of the produced electricity for itself, and half of it would make it available for interested citizens connected to the solar cooperative.

1.3. Conducting a survey. At the workshop, one citizen more gave a letter of intent, now 18 citizens and three institutions of the Municipality of Koper have expressed interest: local community St. Anton, branch school St. Anton and house of culture St. Anton.

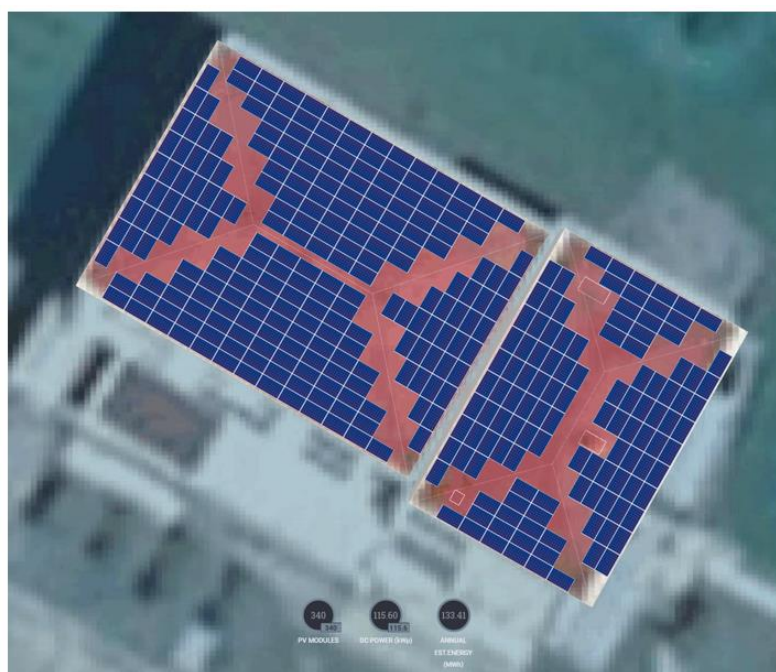
1.4. Preparation of the business model of the solar energy cooperative in the Municipality of Koper (Tomaž Zver).

1.5. Elaboration of the conceptual design of the solar energy cooperative in the Municipality of Koper (Tomaž Zver).

1.6. Regulation of legal relations between the municipality and the solar energy cooperative. A draft contract on the establishment of easements for the roofs of the Municipality of Koper in favour of the solar cooperative of St. Anton, who is currently being examined by the competent services at the Municipality of Koper. They will also have to set a one-time fee for issuing easements.

Presentation selection of location for the installation of a solar power plant (Tomaž Zver).

Installation of a solar power plant at branch school St. Anton (max 131 kWp):





Installation of a solar power plant at the cooperative home St. Anton (max 88 kWp):



Presentation of the business model of the solar energy cooperative (Tomaž Zver):

Tomaž Zver presents all three options: a power plant at a cooperative home, a power plant at a branch school and both together.

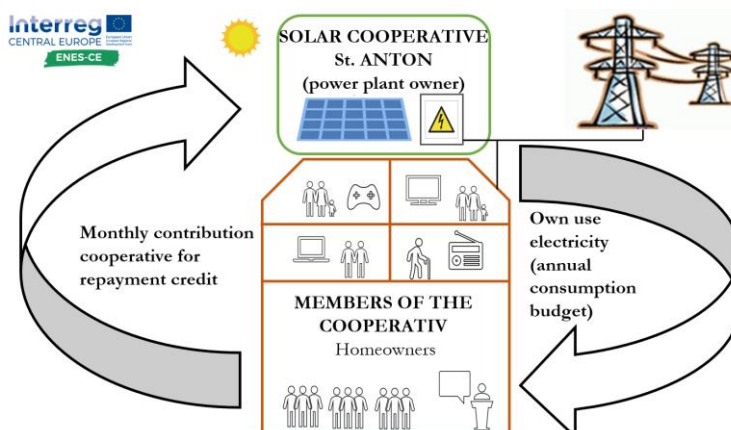
The cooperative invests in solar panels and all the necessary infrastructure (investment estimate = € 182,000):

- € 46,000 mandatory shares of cooperatives, each member pays € 1,000, rest Municipality of Koper (the branch school takes half of the energy produced for itself).
- € 36,500 grant
- € 99,500 bank loan (annual cost of bank credit: € 8,900)

Power plant management € 5,000 / year.

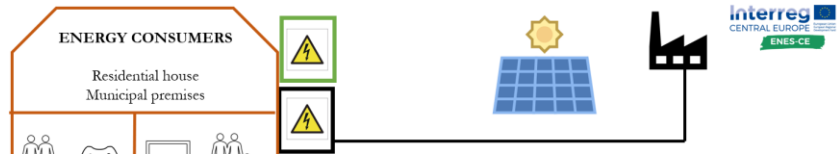
The cost of electricity from the power plant € 73,5 / MWh

The cost of electricity without loan: € 26,0 / MWh





Savings for households:



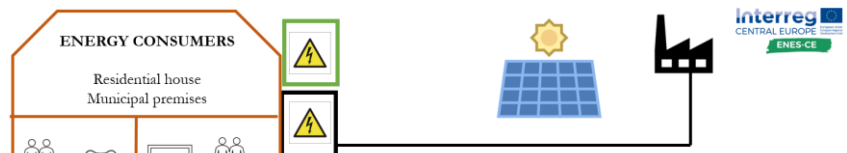
ENERGY CONSUMERS
Residential house
Municipal premises

Average household: electricity cost 80 € / month, consumption from the community power plant 5 MWh / year, access 1,000 € (one-time cost for investment)

Potential energy savings per household after project implementation:

- Part of electricity from the power plant: 417 kWh / month
- Savings electricity cost per month (1-15 years): € 27
- Savings electricity cost per month (15-25 years): € 46
- Savings electricity cost per year (1-15 years): € 324
- Savings electricity cost per year (15-25 let): € 556
- Savings electricity cost in 25 years: € 10,500

Savings for branch school Sv. Anton:



ENERGY CONSUMERS
Residential house
Municipal premises

Branch school Sv. Anton:
50% of electricity from the branch school power plant is taken over by branch school, which represents 72 MWh per year. The municipality of Koper contributes approximately € 20,000 for the investment at the school (upon access).

Potential energy savings per school Sv. Anton:

- Savings electricity cost (1-15 years): EUR 3,500 / year
- Savings electricity cost (15-25 years): EUR 6,700 / year
- Savings electricity cost in 25 years: € 119,500

Then Rajko and Tomaž answered the questions of the workshop participants.

Until the next workshop, the remaining open issues will be settled and draft rules for the operation of the solar cooperative will be prepared.

Expected effects and follow-up, findings/conclusions that will contribute to achieving further project results

- Presentation of the legal basis for the establishment of the solar cooperative St. Anton.
- Presentation of the business model of the solar cooperative St. Anton.
- Presentation of the implementation of the solar power plant at the cooperative home and branch school St. Anton.
- 18 citizens of St. Anton and 3 local public institution in St. Anton decided to join the solar cooperative.
- Establishment of the solar cooperative St. Anton.



Type of audience reached (project target groups)	Numbers of reached target groups in the framework of event:	
	TARGET GROUP	VALUE
	LOCAL PUBLIC AUTHORITY	1 - local community leadership 2 - Municipality of Koper
	REGIONAL PUBLIC AUTHORITY	
	SECTORAL AGENCY	1 Local Energy Agency
	INFRASTRUCTURE AND PUBLIC SERVICE PROVIDER	
	INTEREST GROUPS INCLUDING NGO's	
	HIGHER EDUCATION AND RESERACH	
	BUSINESS REPORT ORGANISATION	1 (Kisik, d.o.o.)
	GENERAL PUBLIC	12 citizens Sv. Anton
Annexes (photo, media coverage web-links ect.,...)	