

Ecoclub is an energy-oriented environmental protection NGO based in Rivne. Ecoclub works for the safe future with affordable energy. We have more than 10 years of energy efficiency experience including organizing educational events (seminars, lectures and trainings), street actions, advocacy activities and studies.



Communities advance sustainable energy solutions (CASES): project success stories

Transition to sustainable and secure energy will not take place without the participation of municipalities and their adaptation to climate change. This project aims to increase the capacity of local governments to implement energy projects with the involvement of business and the public, as well as to create examples for Ukrainian communities.

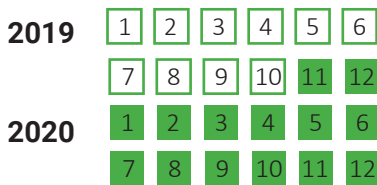
Project goal: Foster local sustainable energy projects that are implemented in cooperation by citizens, business and local authorities.

Budget: 2 650 725 UAH

Voznesensk amalgamated community – 1 180 000 UAH (430 000 UAH – Ecoclub funds, 750 000 UAH – local budget).

Baranivka amalgamated community – 1 040 000 UAH (350 000 UAH – Ecoclub funds, 690 000 UAH – local budget).

Duration: 14 months.



Norwegian Ministry of Foreign Affairs



Вознесеньк
квітучий край



 **101**

applications

 **36**

trained community representatives

 **12**

selected communities

 **2**

co-financed projects

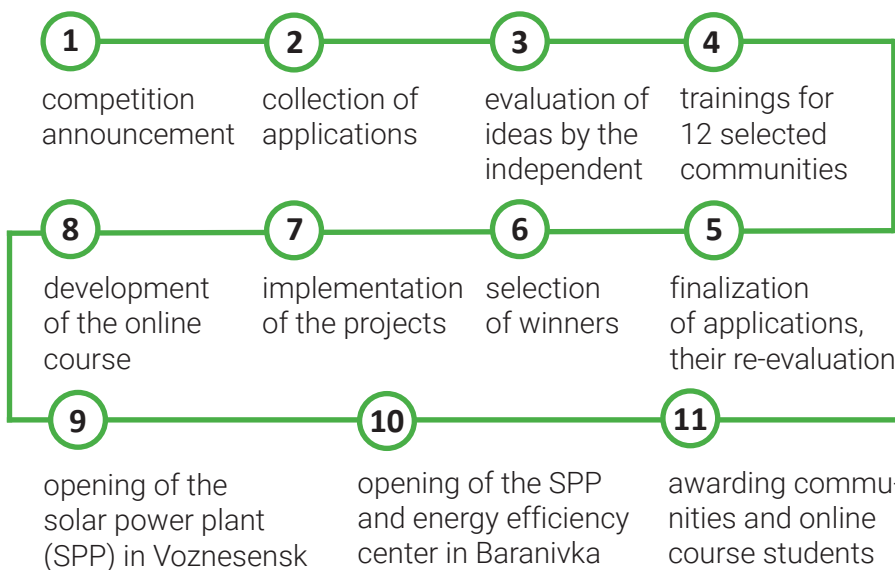
 **3**

trainings

 **1**

online course

Timeline of the project:








Installation of a solar power plant of 50 kW for municipal enterprise "Water supply of Voznesensk" (Mykolaiv oblast)

Video: <https://youtu.be/1PjUlsE0It8>







Results:

-  Covering from a renewable source at least 15% of the actual power consumption of the water supply facility.
-  Experience in installing SPP on communal property.
-  Attraction of small SPP service specialists to the community.
-  Reduction of fossil and nuclear-based electricity consumption by 60 000 – 70 000 kWh per year.
-  Reduction of CO₂ emissions by:
 $0.42 \text{ kg/(kWh)} \times 60\,000 \text{ kWh} = 25\,200 \text{ kg per year.}$

Establishment of the energy efficiency center and 10 kW solar power plant for the Baranivka Interschool Resource Center (Zhytomyr oblast)



Results:

-  At least 500 community residents per year will become aware of the implementation of energy efficiency measures and the benefits of using renewable energy sources (RES)
-  Share of RES in the private sector increased by 50%, comparing to 2020, due to the installed 100 kW capacity.
-  At least 11 MWh of renewable electricity supplied to the municipal sector replacing the traditional electricity and providing for reduction of 10 CO₂ tons per year.
-  Increase in the number of condominiums implementing energy efficiency measures.

Online course "Local energy projects: how and where small businesses and communities find money for energy projects and more"

Goal: to teach fundraising, strategic planning and cooperation of authorities, business and the CSOs for the implementation of local energy projects.

Website (in Ukrainian):

<https://money.ecoclubrivne.org/>

10 topics

53 video tutorials

14 authors

For the first month:

413 registered

60 received certificates

The course works autonomously, after the start organizers' interventions are not required.



 The best project for adult education in 2020 according to the Ukrainian Adult Education Association.