



Town of Križevci
energy transition

General info



Koprivnica-Križevci County, area of 263,7 km² and 59 villages



19.052 inhabitants, half of them in the urban area



great geotrafic location



favorable climate, fertile soil

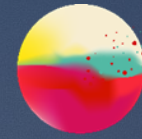


SME, mostly retail, metal industry, construction, woodworking industry, cca 1.400 small family farmers and business

SECAP overview



Climate Alliance



ENERGYCITIES



38.000 t CO₂



54%



46%



25%



75%

Overview of city projects

- Energy renovation of public buildings
- Using biomass as a source of thermal energy in Utility company
- Charging stations for electric vehicles
- Electric and hybrid city vehicles
- Public bicycles
- LED public lighting
- Energy advisors for energy-poor households
- Križevci sunny roofs
- Co-financing of solar power plants on family houses
- Study and strategy for the development of the green infrastructure of the City of Križevci until 2027
- Cadastre of greenery and urban equipment of the city of Križevci
- Investigation of geothermal potential for heating
- 5 MW solar power plant in cooperation with HEP





Križevci sunny roofs

Short description

- Implemented in 2018
- Municipality as enabler (owner of the buildings and institutions in it)
- ZEZ cooperative – project development and lead
- crowdfunding campaign to get microloans

Stakeholders involved:

Greenpeace, Development Center and Technological Park in Križevci, Public Library, Regional Energy Agency North, Energy cities, Rescoop.eu, and other public institutions in Križevci, citizens, media



KRIŽEVAČKI SUNČANI KROVOVI

DO PRVIH SOLARA ZAJEDNO!

Glavni nositelj projekta i idejni začetnik projekta Križevački sunčani krovovi je Zelena energetska zadruga (ZEZ).

Ali u tome nismo sami! Podršku nam daje **REA Sjever** u tehno-ekonomskim studijama, te uz podršku **Greenpeace-a** i **Grada Križevaca** u provođenju kampanje, te brojne međunarodne organizacije, kao što su Europska federacija energetskih zadruga (REScoop.eu) i europsko udruženje Energy Cities.

Ovim projektom omogućavamo da svatko od vas može postati ulagač u solarnu elektranu!

Kada kaže "energija u rukama građana", ZEZ misli ozbiljno.



prikupljeno **100%** sredstava

0%



100%

Ova kampanja je uspješno financirana!



Promo video: <https://www.youtube.com/watch?v=ZniuH0OdnOw>

How it works?



The role of the City?

- gives permission to set up power plant on the roof of the building in their ownership
- gives public support for the project and is actively involved in promoting
- takes over payment of the rent in case the user is not able

Development Center and Technological Park

10 days campaign, 53 investors
Min 135 EUR- max 1.350 EUR
Average investment 530 EUR
cca 30.000 eur



4,5% interest



10 years Contract duration



38,8 t annual



30.000 EUR investment

405 EUR monthly rent



City Library Franjo Marković” Križevci

2 days campaign, 40 investors
Min 135 EUR- max 1.350 EUR
Average investment 400 EUR
23.000 eur



3% interest



10 years Contract duration



31,5 t annual



23.165 EUR investment

296 EUR monthly rent



Why was this a success?

- A key success factor was the **community engagement** component
- Great promotion for the municipality as enabler that helped innovation to happen and engaged public institutions and citizens in a joint process of urban, green and sustainable transformation
- Opened the door to participation in several new projects and developing new partnerships
- Citizens established in 2020 a local energy cooperative
- Increased demand for solar equipment, resulting in new local business and new jobs creation





Križevački laboratorij inovacija za klimu



KIK

ENERGETSKA ZADRUGA

KRIŽEVCI



Armano Linta
arhitektura i dizajn



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