

ZEZ 23 – foto snap

10 years

Josip Beber, project manager

Energy community repository
24/10/2023

Na
sunčanoj
strani



Europska energetska zadruga
ZEZ Sunce



**Zelena
Energetska
Zadruga**





MISIJA



**Energija
u rukama
građana**



Who's zez?

- ✓ Social enterprise
- ✓ **20 members** in the field of energy, economics and environmental protection (currently 18 employees)
- ✓ Mission: to assist citizens, the private and public sector in investing and using RES
- ✓ "Turnkey" approach in the realization of solar power plants
- ✓ Citizens should benefit from locally available resources

Energija
u rukama
građana

**9 OUT OF 10 CITIZENS NEED
TECHNICAL AND
ADMINISTRATIVE ASSISTANCE
IN THE PROCESS OF
REALIZATION OF THEIR OWN
SOLAR POWER PLANT.**

We provide it through ZEZ's
service **On the sunny side.**

**Na
sunčanoj
strani**



Partnering up with region, cities and citizens

Good energy tour

- National campaign to promote solar for households.



Turneja DOBRA ENERGIJA 2020-2023



33 gradova i općina



33 informativnih predavanja
o solarnoj energiji



2000 sudionika
predavanja



14 gradova i općina
osiguralo poticaje
za solare



min. 1 MW novih
solarnih kapaciteta



Business model

- Moving from hiring outside partners to building internal capacity to provide turn key model.
- Technical support, installation and electrical projects to the citizens for individual solar.
- Providing the opportunity for group buy, negotiating the prices of installations and electrical desing projects.
- Future goals, equipment distribution & expanding to larger systems
- Value: expert advising, fast installation, best price, trust

Partnering up with region, cities and citizens

Creative competition

CREATIVE COMPETITION ON SOLAR 2021

- 5x PV up to 3kW
- 17x main electrical projects

2022

- 10x people to get roughly 3.000 EUR for their solar powerplant



Fotografija snimljena na krovu obiteljske kuće sa krovom koji je prilikom izgradnje, deset godina prije, pripremljen za montažu fotonaponske elektrane. Daljnji razvoj ovisi o poticaju kako bi ukupna investicija prešla u isplativu kategoriju... Prijedlog naziva fotografije bi bilo -spojimo se na Sunce rađe nego na termoelekttranu. Istovjetna fotografija se može ponoviti kad malo zazeleni priroda [...]

**2030.
je danas**



Djecu, od malenih nogu, učimo o važnostima izvora obnovljive energije. Na zanimljiv način potičemo svijest o drugačijem načinu dobijanja energije. Malenima je to veoma neobično i zabavno te oni potom informacije, igrom, šire dalje među svojim vršnjacima. Frcaju iskre topline i znanja na sve strane jer energija malenih je nešto poput solarne – zanimljiva, svijetli, [...]

**2030.
je danas**

To do that you all you need are good partners and team

- Installers, distributors, project houses, certifier
- Services: educating the customers, management of processes and documentation (cutting the work of installers and distributors), making the expenditure lists for the equipment, organising relevant events for all stakeholders to build capacity (from non-formal gatherings to expert conferences)
- The team: Alice, Svibor, Veselina, Jurica & Maja
- Their skills: designing electrical projects & communication that help installers speed up the process of actually installing the PV, building relationship with equipment distributors, commerce, customer relationships and sales, customer capacity building and informing

Na
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Ugradite solarne elektrane brzo i lakše

Pomažemo vam savjetima i podrškom

Ova web stranica koristi kolačiće za poboljšanje vašeg iskustva. Sva podataka se slažem se sa postavkama kolačića i politikama priv

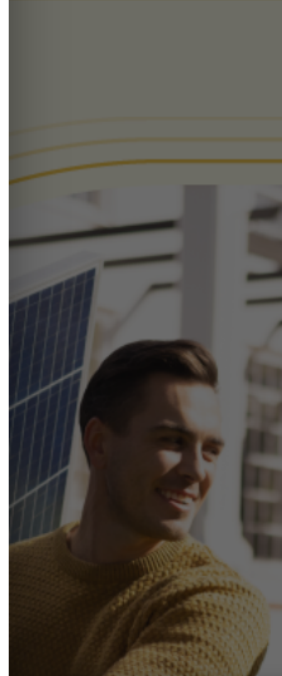
Glavni projekt u 24 sata? Moguće je.

ZATRAŽITE PONUDU

Na
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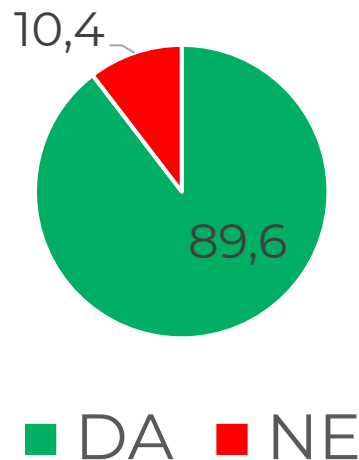
Nagradni natječaj



First crowdinvesting model for Solar Power, Croatia

- Already existing examples in Croatia
 - Crowdlending model (3-4% interest rate)
 - 2 projects, 30 kW each

Are you interested to invest in renewable energy projects?



Question from survey conducted by ZEZ on citizens will to invest in renewable energy (late 2017)

First crowdinvesting model for Solar Power, Croatia



ENERGYCITIES
The European association of cities in energy transition

POLICY PROJECTS

HOME » RECENT NEWS

Our crowdinvesting campaign was a springboard for a first-of-its kind community energy in Croatia.

Lucija Topić (City of Krizevci) and Zoran Kordić (ZEZ green energy cooperative)

RENEWABLES

Funds raised for Croatia's first renewable energy crowdfunding project



Zelena Energetska Zadruga

Energija u rukama građana

Sunčana elektrana je uspješno financirana!
KRIŽEVAČKI SUNČANI KROVOVI

Slučaj: facebook/zelenenergetskazadruga



GEFF
European Bank

Join us for an online event

**WESTERN BALKANS
GREEN ECONOMY
FINANCING FACILITY
AWARD CEREMONY**

11:00 AM - 12:30 PM (CET)
28 SEPTEMBER 2021

BALKAN GREEN ENERGY NEWS
LIVE STREAM



The model



- Solar district :
- 30kW Technology park
 - 30kW Library



10 kWh battery installed –
Compile project

Key figures



Annual savings: 34.796,00 kn/annum



Power: 39,3 kW

Investment: 300.000,00 kn



Number of investors: 51

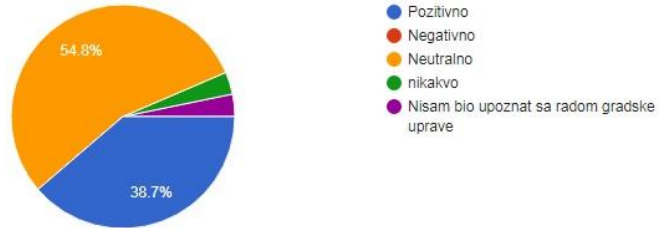


Using the energy for self-consumption



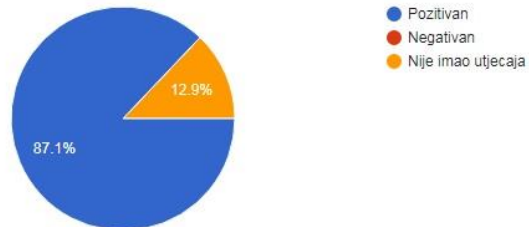
Kakvo ste mišljenje imali o gradskoj upravi grada Križevci prije kampanje Križevački sunčani krovovi?

31 responses



Kakav utjecaj je imao projekt Križevački sunčani krovovi na vaše mišljenje o trenutnoj gradskoj upravi grada Križevci?

31 responses



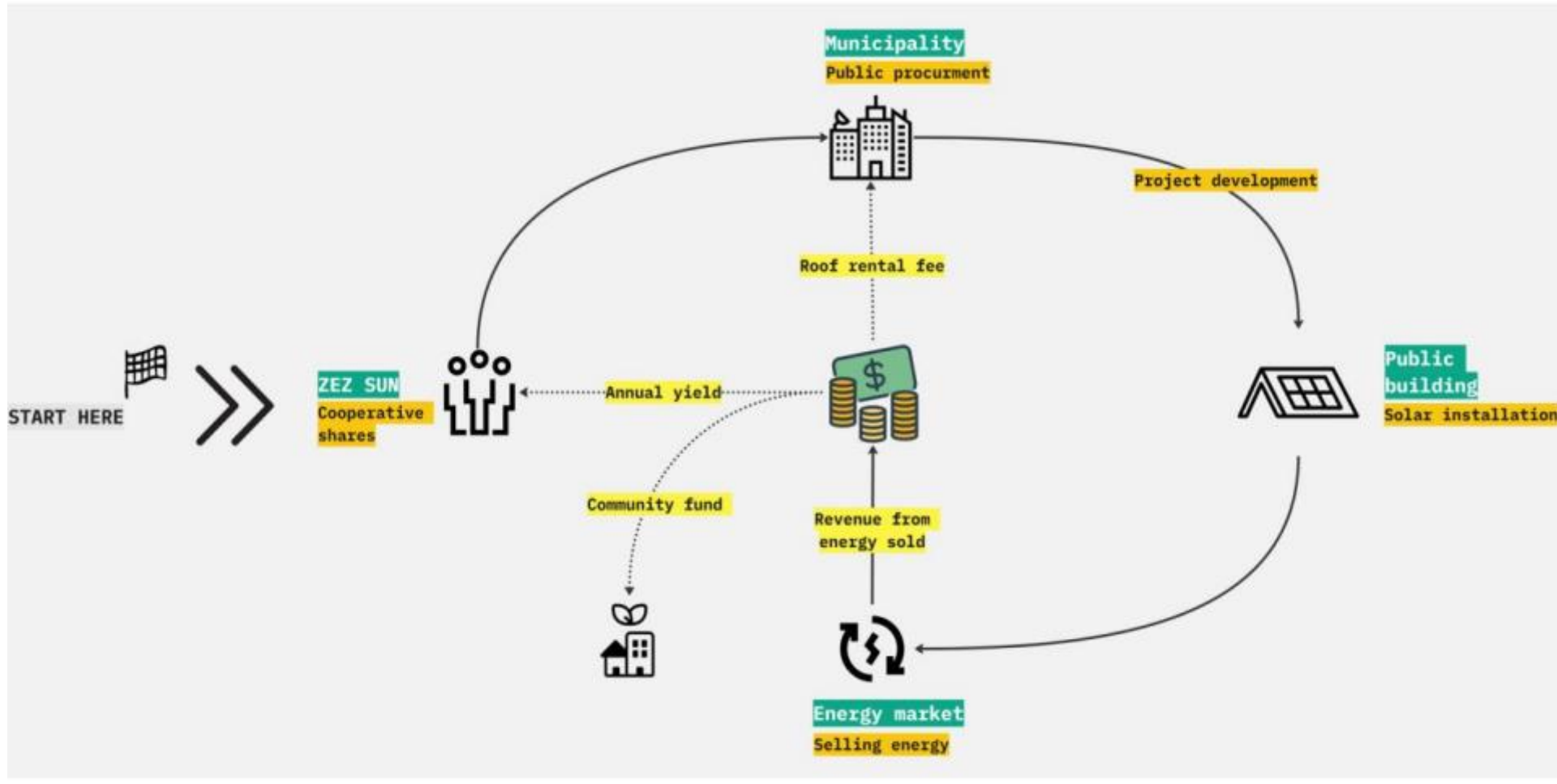
ZEZ SUN

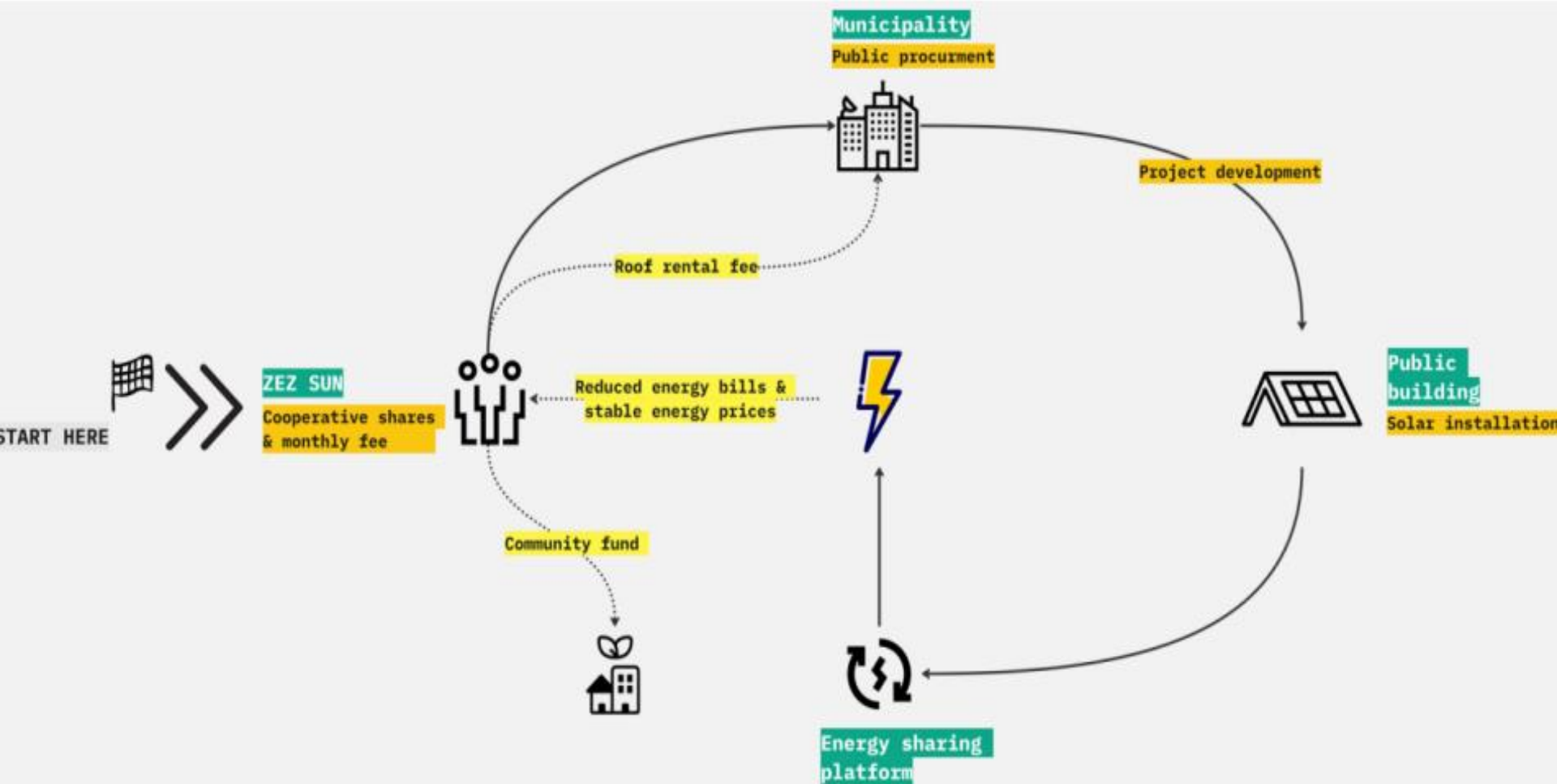
- A citizen-owned organization that allows investment in solar projects.
- We develop solar power plants funded by our members, which in addition to benefiting members, also create benefits for the local community.
- >250 interested citizens on the waiting list (investment potential 300-500,000 euros)



Europska energetska zadruga
ZEZ Sunce

lifeloop
local ownership of power





Scenario 1. and 2.

START HERE



Municipality



Enables: co-funds community activities /public procurement or tendering



Design houses & installers



Bistrita community

Cooperative shares



Negotiated prices for collective purchase of electrical projects & solar PV

Reduced prices of installations and electrical projects

Homeowners/Multiapartment owners

Join the collective purchase



Scenario 3.

START HERE



Bistrita community



Cooperative shares



Energy distributed to the cooperative members

Municipality



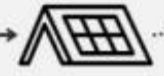
Co-funding

Government

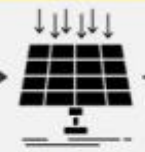


Co-funding

Solar on 15 public buildings



3MW solar on public land



Thank you for attention!



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