



POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

POWERPOOR Key Results in Croatia

Working on the ground with energy-poor households and policymakers to mitigate energy poverty.

www.powerpoor.eu

City of Križevci and DOOR together in the joint energy initiatives to help citizens

The City of Križevci is an example of municipal action in the field of renewable and sustainable energy and energy poverty with project like Križevac sun roofs (crowdfunding of two project of 30 kW photovoltaic power plant (Development Center and Technology Park Križevci and City Library "Franjo Markovic")), establishing energy cooperative KLIK and opening public calls for financing PC systems.

After two project of Križevci Sun roof there is interest among the citizens in installment of PV systems and the city has so far opened three tenders for co-financing the installation of photographic systems on the roofs of family houses and the users of the program are delighted that the city is helping to establish solar power plants.

One of the focuses of the POWERPOOR project is innovative ways of financing, such as crowdfunding, which was exactly what City of Križevci one one of first implemented in Croatia, and the exchange of knowledge is certainly interesting.

Such an approach to the way of running and planning the city is why DOOR approaches the city but also the associations in Križevci for establishing joint energy initiative. That cooperation initiative through the POWERPOOR project brought representatives of the city of Križevci as members of POWERPOOR Liaison Group, energy cooperative KLIK established Energy poverty alleviation office and POWERPOOR home visits were conducted in collaboration with Red Cross – Križevci.



F2F meeting with representatives of the city of Križevci

These energy poverty activities that were carried out through the POWERPOOR project prompted that in June 2022, when the EPAH conference on energy poverty was held in Zagreb, as part of the conference field trip was organized to visit the city of Križevci which represents an example of best practice of city in field of renewable and sustainable energy and alleviating energy poverty.



EPAH conference on energy poverty in Zagreb – filed trip to the city of Križevci

KLIK and DOOR together in the joint energy initiatives to offer turnkey service in energy renovation projects to citizens.

KLIK energy cooperative in cooperation with the City of Križevci opened an Energy-climate Office and as part of Energy-climate Office – POWERPOOR Energy poverty alleviation office (EPAO) was opened. As part of the office, KLIK has developed a turnkey service for solar power plants for households, and the goal of the office is to expand services to other areas such as assisting citizens in alleviating energy poverty in their homes. Citizens are delighted that the city is opening public call with subsidy for solar power plants and that they have one place with all services for PV system.



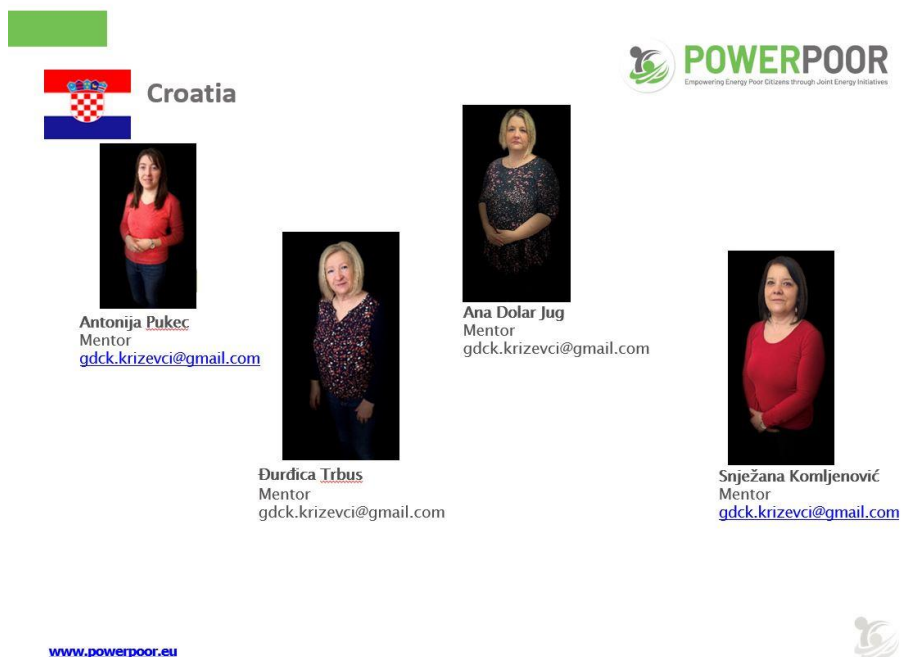
Info day and opening of the POWERPOOR Energy poverty alleviation office

A step up in the POWERPOOR energy joint initiative between DOOR and KLIK is obtaining the LIFE project that will turn in already established Energy poverty alleviation office (EPAO) in fully operative OSS which will ensure the sustainability of POWERPOOR Energy poverty alleviation office (EPAO) even after the end of the project and continue helping citizens in energy renovation projects - with a focus on all citizens, including vulnerable ones.

Red Cross and DOOR together in the joint energy initiatives to identify energy poor citizens.

The cooperation between Red cross and DOOR was already described in "Energy Poverty Guidebook for Energy Planning" as one of best practices in the development of synergy between the two organizations to identify energy poor households in Križevci.

The Red cross of Križevci already works with households that are in a difficult social situation through various projects, i.e., "Active Aging for the period 2021/2022". They have pre-mapped the vulnerable households so they conduct a survey of 275 households in the area of the city of Križevci using the POWERPOOR toolkit which provide information on energy performance of building.



Red Cross Energy mentors

Joining forces - synergies ENPOR project and POWERPOOR project – focus on citizens/ tenants who are part of private rented sector

Synergies between two sister H2020 project ENPOR and POWERPOOR was already described in “Energy Poverty Guidebook for Energy Planning”. The ENPOR experience about energy poverty in the private rented sector is expected to be combined with the findings of the Red Cross and POWERPOOR joint action, to provide insights about energy poverty in rented sector. This combined action can prove important for designing future Public calls for energy renovations on buildings, such as the Energy renovation programme for multi-apartment buildings and the Energy renovation programme for single family houses, taking into account the needs of landlords and tenants and to include them in the wider political context.

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Joining forces - ZEZ and DOOR in synergies CEES project and POWERPOOR project – engaging energy poor citizens in joint energy initiative

Synergies between two sister H2020 project CEES and POWERPOOR was established through various activities like membership of ZEZ project manager of CEES project in POWERPOOR Liaison Group, project manager of CEES project becoming Energy mentor, organizing together POWERPOOR online webinar with a focus on topics relevant to the POWERPOOR and CEES project such as: energy cooperatives, energy communities and innovative funding methods and organizing together Info day with focus on good energy and energy poverty.

The exchange of experiences is what was established between the project managers from Croatia in the POWERPOOR and CEES project.

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After the POWERPOOR project finished visiting households in Križevci and Zagreb, the CEES project started with its own visits in the area of the city of Zagreb, and examples and experiences of how to reach energy-poor households are exchanged. It turned out that working with citizens presents a certain challenge and there is a need for shared experience and knowledge between these two projects in order to find the best approach in working with energy-poor citizens.

Citizens were put in the focus of various activities, so CEES started crowdfunding for energy packages/boxes for citizens, and the distribution of packages is led by an Energy Mentor certified through the POWERPOOR Program for training energy supporters and mentors.

Also, one of the focuses of the POWERPOOR project is innovative ways of financing, such as crowdfunding, which was exactly what the CEES project implemented in Croatia, and the exchange of knowledge is certainly interesting.



Info day with focus on energy and energy poverty

Joining forces – the Energy Poverty Advisory Hub, the POWERPOOR project and the City of Zagreb

Corporation between city of Zagreb and DOOR through synergies between two sister H2020 project EPAH and POWERPOOR was already described in “Energy Poverty Guidebook for Energy Planning. The City of Zagreb in 2023 has adopted programme “Energy poverty Mitigation Program for city of Zagreb”. The Programme will directly contribute to the decrease of energy poor households in Zagreb, an increase of energy

savings and energy efficiency, and a decrease in carbon emissions which will contribute to the fulfilment of national climate goals.

To provide support in preparation of the analysis and data collection for the “EPAH technical assistance” DOOR used POWERPOOR “tools” like Energy poverty alleviation office (EPAO) in Zagreb and Program for educating Energy Supporters and Mentors to collect the required data to map the current energy poverty status in 388 households.

PRIJEDLOG

Na temelju članka 41. točke 6. Statuta Grada Zagreba (Službeni glasnik Grada Zagreba 23/16, 2/18, 23/18, 3/20, 3/21, 11/21 – pročišćeni tekst i 16/22), Gradska skupština Grada Zagreba, na _____ sjednici, _____ 2023., donijela je

PROGRAM SUZBIJANJA ENERGETSKOG SIROMAŠTVA NA PODRUČJU GRADA ZAGREBA ZA RAZDOBLJE DO 2030. GODINE

SAŽETAK

Programom suzbijanja energetske siromaštva na području Grada Zagreba za razdoblje do 2030. godine (u daljnjem tekstu: Program) definiraju se aktivnosti pripreme i realizacije mjera s ciljem smanjenja pojavnosti i ublažavanja učinaka energetske siromaštva do 2030. godine te se uspostavlja trajna i učinkovita struktura planiranja, provedbe i praćenja učinaka provedenih aktivnosti i mjera. Financiranje Programa predviđeno je kombinacijom sredstava osiguranih iz proračuna Grada Zagreba kao i mogućnosti korištenja sredstava iz Nacionalnog plana za oporavak i otpornost (NPOO), a ujedno se razmatra i korištenje alternativnih modela nabave s ciljem korištenja sredstava iz Višegodišnjeg financijskog okvira (VFO) 2021.-2027. kao i s njime povezanog nadolazećeg Socijalnog fonda za klimatsku politiku 2025.-2032.

Cilj Programa je smanjivanje, i u konačnici suzbijanje, energetske siromaštva u Gradu Zagrebu, osiguravajući pritom višestruke koristi za cijelu zajednicu, okoliš i klimu, a pritom ujedno i dugoročno smanjujući opterećenja na gradski proračun. Programom se izravno doprinosi i postepenom postizanju cilja dekarbonizacije i općem poboljšanju kvalitete stanovanja u Gradu Zagrebu.

Program predviđa segmentiranu provedbu mjera kako bi se optimalno iskoristili svi dostupni izvori financiranja.

Provedba Programa uključuje:

- Formiranje strukturnih preduvjeta za provedbu Programa;
- Aktivnosti pripreme i provedbe projekata energetske učinkovitosti i obnovljivih izvora energije;
- Aktivnosti pripreme i provedbe projekata zelenog i integriranog socijalnog stanovanja.

Program je usklađen s nacionalnim Programom energetske obnove zgrada javnog sektora za razdoblje do 2030. godine (Narodne novine 41/22) i Integriranim nacionalnim energetskim i klimatskim planom za Republiku Hrvatsku za razdoblje od 2021. do 2030. godine. Program je također u skladu Dugoročnom strategijom obnove nacionalnog fonda zgrada do 2050. godine (Narodne novine 140/20), Nacionalnim akcijskim planom energetske učinkovitosti za razdoblje od 2022. do 2024. godine (Narodne novine 96/22), Programom energetske obnove zgrada koje imaju status kulturnog dobra za razdoblje do 2030. godine (Narodne novine 143/21) i Programom energetske obnove višestambenih zgrada za razdoblje od 2021. do 2030. godine (Narodne novine 143/21).

Sve aktivnosti pripreme i provedbe projekata strukturirane su kroz mjere u svrhu definiranja detaljnih provedbenih aktivnosti pripreme i provedbe. Ovim Programom obuhvaćeni su trenutni kapaciteti stanova u vlasništvu Grada Zagreba raspoloživi za socijalno stanovanje,

The first page of the draft document “Energy poverty Mitigation Program for city of Zagreb”