



EKO SKLAD

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JAVNI SKLAD

RENOINVEST

One-stop-shop in Slovenia and ECO FUND: financial mechanisms for renovation of buildings

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Megra, 18.4.2024

EcoFund and other organisations were successful in obtaining EU funding under the Life-2023-cet call for proposals with Renov-AID project, 18.3.2024

The EcoFund, together with the Innovation and Development Institute of the University of Ljubljana, the Building Institute ZRMK, the Slovenian Construction Cluster, the Municipality of Ljubljana, the Municipality of Kranj, the Municipality of Velenje and Prosperio, has applied for the LIFE-2023-CET call for proposals with the Renov-AID project, which was **approved by the European Commission on Thursday, 14 March 2024.**

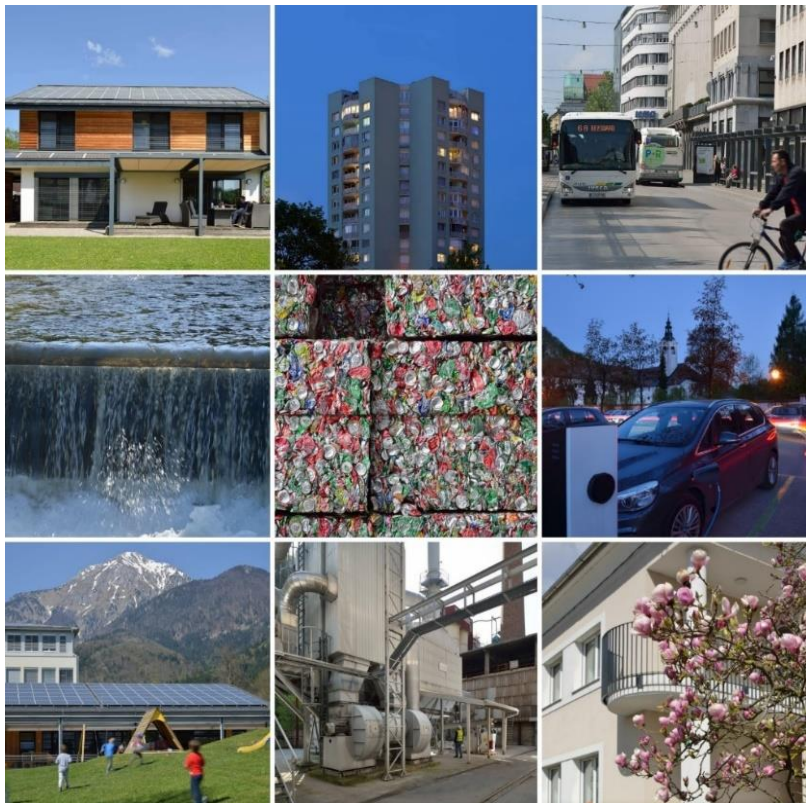
The project will develop a comprehensive Slovenian '**one-stop-shop**' concept. The concept will be piloted in three Slovenian cities - **Ljubljana, Kranj and Velenje** - with the vision of extending its impact to other Slovenian municipalities and regions.

The Renov-AID project aims to **accelerate energy renovation in Slovenia** and thus contribute to sustainable development by providing a one-stop shop to help homeowners renovate their homes more efficiently.

The project will increase the role and visibility of the **ENSVET** network of energy offices, **which was established 30 years** ago.



In 10 years, 393 EUR million in grants have been awarded for nearly 137,000 energy efficiency investments, and about the same amount in loans for 10% of these investments.



CITIZENS
credits, subsidies, ENSVET
Energy poverty

LOCAL COMMUNITIES
Subsidies, credits

PRIVATE SECTOR
Non-returnable incentives
credits

**AWARENESS-RAISING
ACTIVITIES**
Calls for NGOs

Free independent energy advice for all citizens

- 60 advisory offices of the ENSVET public network
- 60 trained independent energy advisors
- 8,000 free expert advice to households on energy efficiency investments and the use of renewable energy sources in residential buildings per year
- <https://www.ekosklad.si/prebivalstvo/ensvet>



Sources of funding:

grants

- Energy Efficiency Contribution (Energy Law)
- Climate Fund
- Cohesion Fund (CEF)

credits

- own funds (8.5% from the privatisation process)
- EIB credit

SUBSIDIES - CITIZENS



ENERGY CONVERSION

Housing
buildings

for investments in
renewable energy
and energy
efficiency

NEW buildings

nearly zero
energy objects

RENOVATION
blocks

for joint energy
efficiency
investments

IN multi-
apartment
buildings

RENOVATION
blocks

for replacing
old heating
appliances in
the common
boiler rooms
IN multi-
apartment
buildings

Electric
VEHICLES

For the
socially
vulnerable

biomass
boilers,
energy
renovation
of the house

GRANT INCENTIVES - PRIVATE SECTOR



**URE Efficient
energy use
in private sector**

credit

+

Subsidy

New building

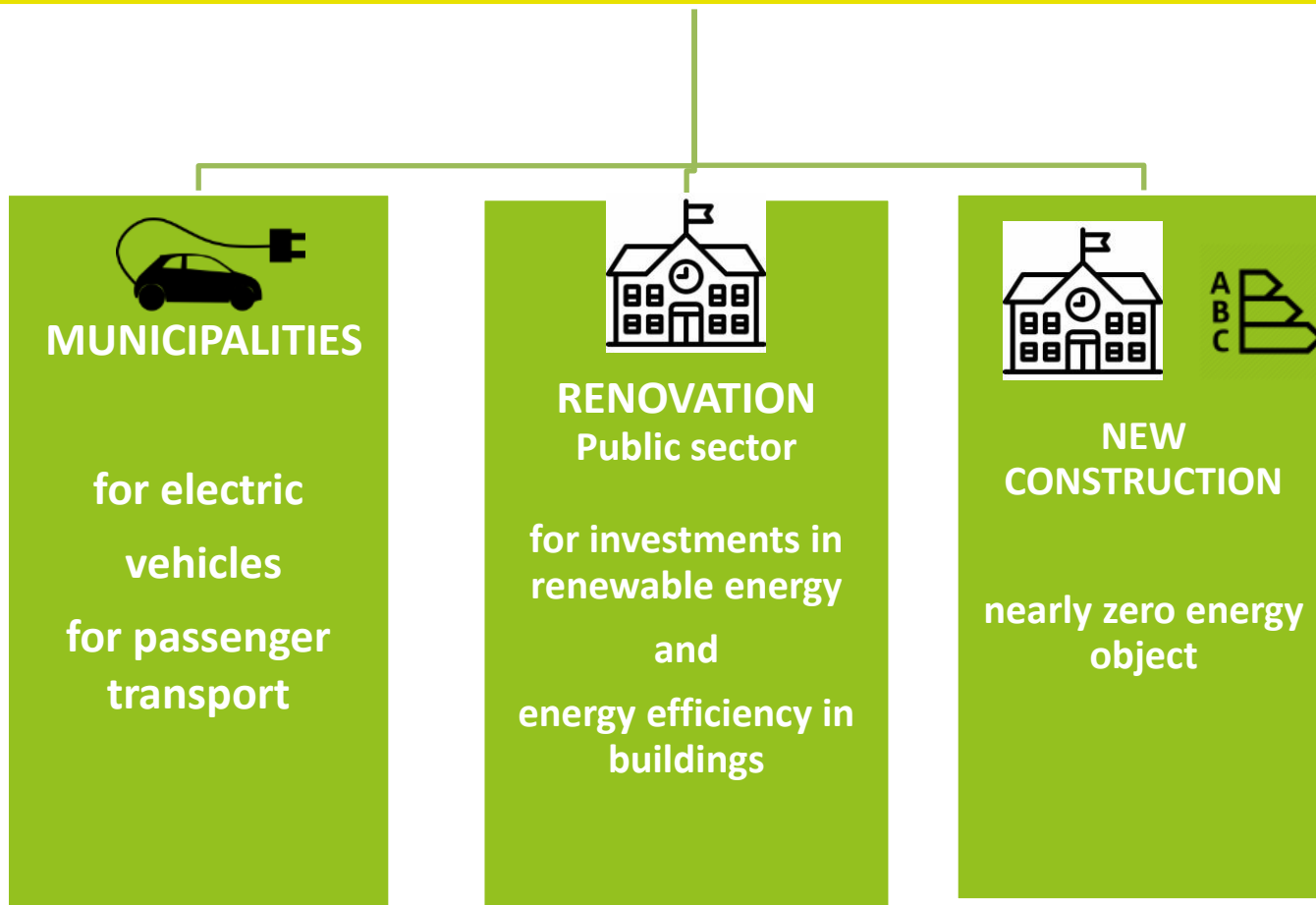
**nearly zero
energy object**

**Energetical
redesign
multi
apartment and
office buildings**

**Energy
Overview
control**

**Energy-saving
PNEUMATICS
for heavy goods
vehicles and
buses**

SUBSIDIES - MUNICIPALITIES, PUBLIC SECTOR



CREDITS

COITIZENS

1% fixed interests

or

**+ 3 months
EURIBOR + 1.5%**

PRIVATE SECTOR

2.8% fixed interests

or

**+ 3 months EURIBOR
+ min 1.0%**

MUNICIPALITIES

**2.8% fixed
interests**

or

**+ 3 months
EURIBOR + 1.0%**

Average 2019-2022



EUR 77
million in
approved
subsidies

EUR 50
million
credits
granted

30.000
apploications

Impacts of 2022 incentives



around 6,300 jobs are needed to carry out these investments

EUR 496 million of investment



387 GWh of energy savings

households spend 10 million EUR less on energy each year than they would have otherwise, thanks to the EcoFund's incentives.

with indirect effects of around 10,000 "Green jobs"

Challenges

Subsidies

- reduce the impact of free using (free use of public goods)
- reduce waiting times
- energy poverty

credits

- Guarantee Scheme for companies and private sector



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EN SVET

NEODVISNO BREZPLAČNO
ENERGETSKO SVETOVANJE

Tom Brejc Primary School Kamnik

Despite the fact that sNES implementation was not yet required in 2013, all implementation guidelines were followed in the PTD.

Decision to demolish and enlarge for 12 new classrooms, new sports gym

Before construction just over 3000 m², after new construction 8000 m²

EUR 9.0 million (4.6 own resources, 3.0 MFA, 1.2 Eco-fund, 0.2 SF)





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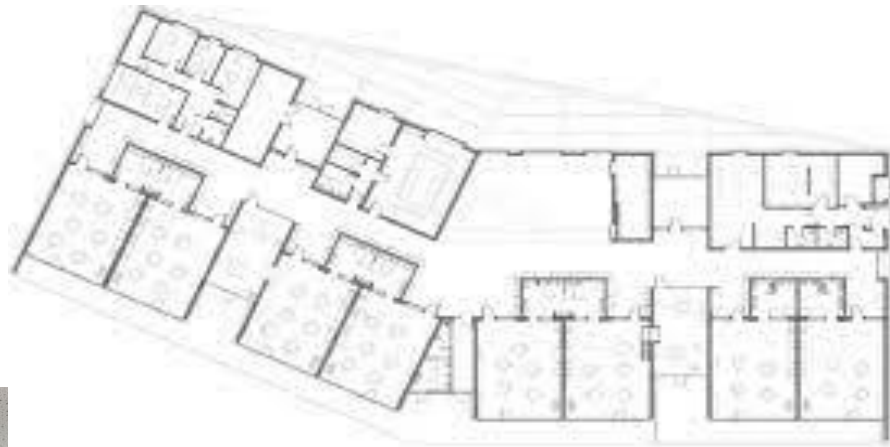
Ringaraja Nursery Dobrepolje

In 2010, a new building permit was obtained, with an estimated cost of €4.5 million(!).

In 2017, complete change from PTD to sNES implementation.

Possibility to extend the building by a whole floor 1387 m², energy consumption up to 5kWh/m²

Costs: 2.2 million EUR (1.4 own resources, 0.8 Eco-fund)





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Wooden sports hall Dobrepolje

Building permit for new building obtained in 2018, budget EUR 3.7 million.

PTD for biomass wood construction sNES implementation.

2316 m², energy consumption up to 5kWh/m²

3.935 million EUR (2.4 own resources, 0.92 Eco-fund, 0.125 FS, 0.489 MFA)





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Biomass boiler house at Dobrepolje Primary School

The Dobrepolje Primary School and the old Ringaraja Kindergarten were heated with ELKO, a fossil energy source. The heat demand was supplied by two old and energy inefficient boilers, each with a heat output of 230 kW, for about 4500 .

The new wood biomass boiler, a 100% renewable source, has a heat output of 250 kW and the entire substation has been renovated. Sufficient for approx. 8000 m².

The municipality signed a concession contract with GGE at the end of April 2017, worth 857.080,50 EUR incl. 22% tax, and the concession was awarded for 15 years.





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ENERGETSKO SVETOVANJE

Renovation, extension and sports hall of the Jurij Vega Moravče Primary School

New building approval obtained in 2020, PTD: 97.356 EUR

Final situation 7.275.870 million EUR (landslide, construction, geomechanics,
etc.)

ZRMK: 20.000 EUR

Equipment: 936.852 EUR

Rehabilitation: 1.525 million EUR

Supervisions: EUR 211.153

TP: EUR 63.617

School premises: renovation and new 2768 + 3663 = 6431 m²

Sports hall: 1728 m²

Total: 8159 m², Total: 10.066.231 million EUR

Heat pipe

Funds raised: 2.38 MIZŠ, 1.189 Eco-fund, 0.2 FŠ, 0.82 MZI, total: 4.589 Mio
EUR





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NEODVISNO BREZPLAČNO
ENERGETSKO SVETOVANJE

Jurij Vega Moravče Primary School & sports hall





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ENERGETSKO SVETOVANJE

Moravče Senior Citizens' Home

Building permit for new building obtained in 2018,

PTD, land, concessions, easements, redesign: 1.2 million EUR.

DSO + pharmacy: 5061 m²

9.2 million EUR (State resources from the Ministry of Social Affairs and Social Security)

Heat pipe district heating



Fire and tower block rehabilitation in Domžale

<http://4d.rtv slo.si/arhiv/ambienti/174499203>

<https://www.tvambienti.si/07/05/2023/po-energetski-sanaciji-stavbe-je-zivljenje-tik-pod-nebom-bistveno-boljse-in-cenejse/>

- New boiler house on natural gas, current use of 3 towers is lower than 1 tower before
- 100% refund
- Housing law
- 14 multi-apartment buildings renovated in the Domžale region
- problems: to get consents, PTD - documentation, fund



Plan for 2024

- ❑ To credit (lending) of environmental investments,
- ❑ to provide up to 50 million EUR of credit – new tenders in april.
- ❑ Particularly favourable credit will be available for municipal zero-energy building projects and for energy efficiency projects by companies.
- ❑ the granting of grant financial incentives under the ZURE - Energy Efficiency Reduction Act for a total estimated amount of 38 million EUR.
- ❑ This will include the continuous granting of grants for the energy renovation of buildings and for electric cars.
- ❑ On 13 October 2023, the EcoFund, the Slovenian Environmental Public Fund, published in the Official Gazette of the Republic of Slovenia No 106/2023 a new Call for Proposals 105SUB-sNESOB23 Non-granted financial incentives to citizens for nearly zero energy buildings (sNES+).

Till 2024 the Climate Fund has provided funding for grant incentives for the following calls for proposals

- 10 million EUR for electricity self-supply installations; The call for proposals was launched at the end of December 2022;
- 15 million EUR for energy renovation of citizens' buildings. This ensures that the EcoFund will continue to grant incentives for the energy renovation of citizens' buildings in 2022 and will continue to do so in 2023 and 2024.

New calls in 2023:

- 24 million EUR to finance energy efficiency measures (e.g. replacement of façades, windows, roof insulation, installation of heat pumps and ventilation, etc.)
- low-income households, with the aim of reducing energy poverty. This will improve the living conditions of around 2 000 households, as the energy renovation of their buildings will bring real savings on their energy costs,
- Incentives for the construction of new highly efficient nearly zero-energy buildings (sNES), amounting to 3 million EUR. This is to promote the link to domestic renewable energy sources combined with highly efficient sNES and to promote the highest possible level of self-sufficiency. This funding will encourage the construction of around 150 such houses.
- 10 million EUR for municipalities to buy e-vehicles for public passenger transport (approx. 20-30 vehicles);



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