



Environmental Protection and Energy Efficiency Fund (EPEEF)

FZEU ENVIRONMENTAL PROTECTION
AND ENERGY EFFICIENCY FUND
.hr Croatia

The Fund

- ▲ The Fund is the central national institution for providing expert, educational and financial support for projects in the field of environmental protection, energy efficiency, and use of renewable energy sources, as well as climate and energy policy activities
- ▲ Extra-budgetary public institution which collects fees based on the 'polluter pays principle' (environmental charges, revenues from ETS, EU funds)
- ▲ Expected income for 2019 – around **223 million EUR** (1,66 billion HRK)
- ▲ In **15 years**, the Fund has financed more than **35.000 projects!**



The principle of collecting fees and using them to finance projects

Sources of financing:

Dedicated fees
of the Fund

+

Revenues
from ETS

+

EU funding

+

EEA funding

Iceland
Liechtenstein
Norway grants



Financing projects:

ENVIRONMENTAL
PROTECTION

NATURE
PROTECTION

ENERGY EFFICIENCY AND
THE USE OF RENEWABLE
ENERGY SOURCES

MANAGEMENT OF SPECIAL
CATEGORIES OF WASTE

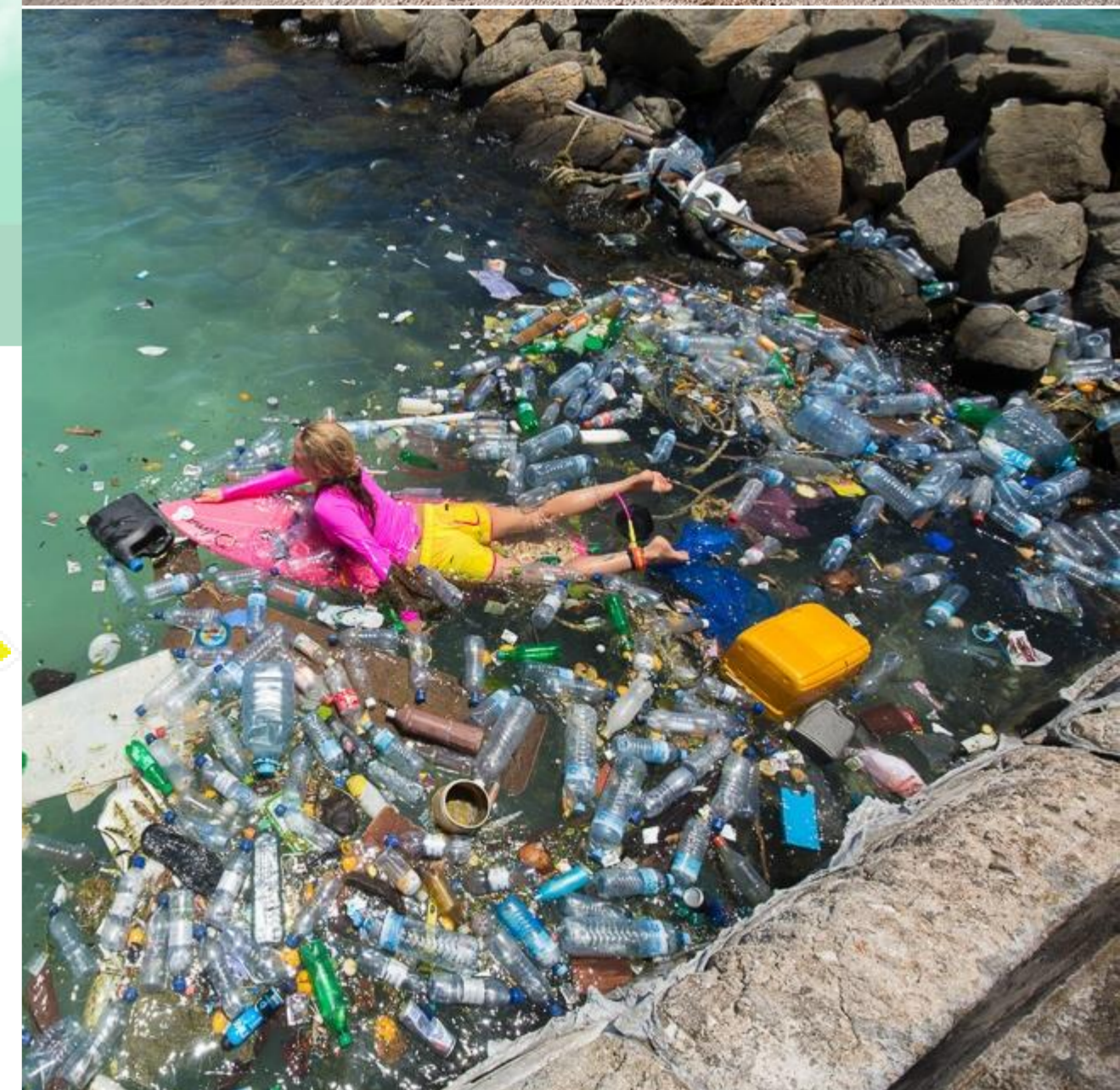
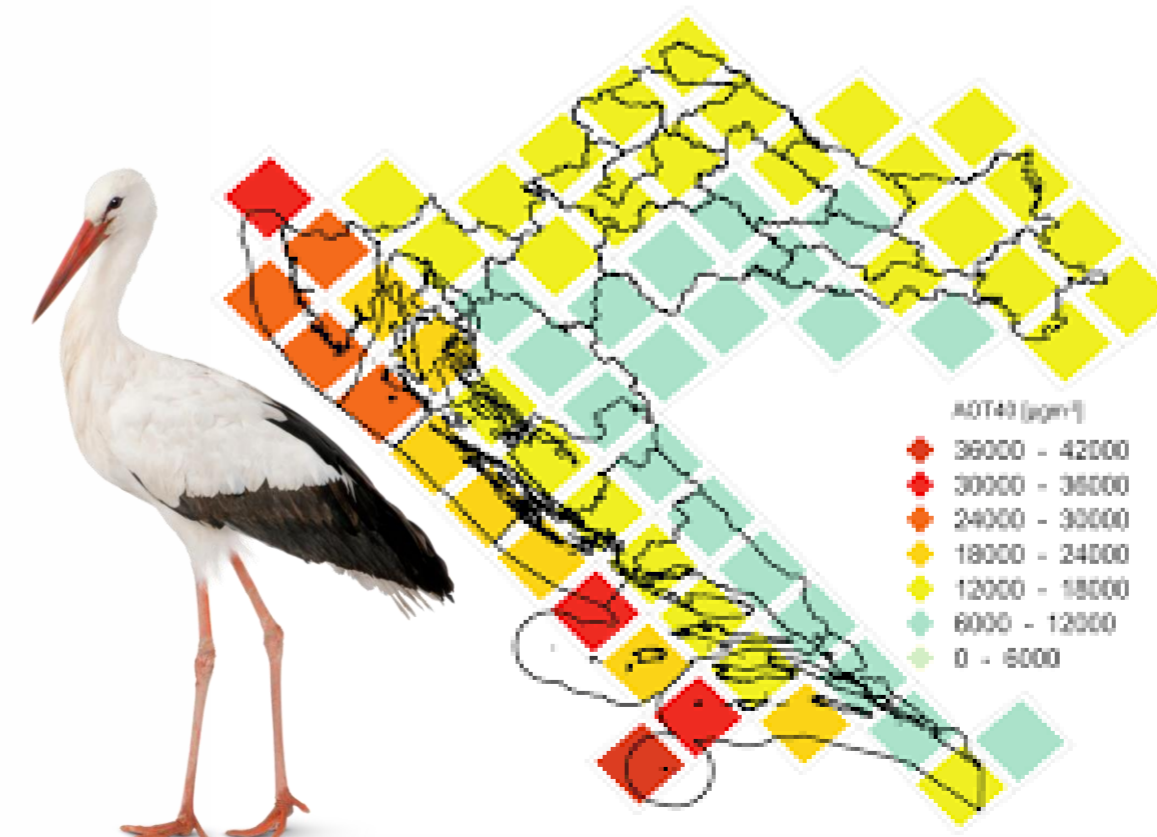
▲ *Beneficiaries:* Local and regional authorities, public institutions and bodies, companies and entrepreneurs, NGO-s, citizens

Environmental and nature protection programmes

- ▲ waste handling equipment
 - EU funding of the equipment for 407 cities and municipalities in Croatia
- ▲ remediation of landfills
- ▲ construction of recycling yards and waste sorting plants
- ▲ reuse projects
- ▲ the protection of air, land, water and sea
- ▲ Modernisation of the National Network for Continuous Air Quality Monitoring
- ▲ supporting Climate change adaptation and mitigation activities
- ▲ reducing the non-energy greenhouse gasses emission
- ▲ protection of biodiversity
- ▲ national parks and parks of nature
- ▲ encouraging sustainable development of rural areas



AOT40 parametar



Energy efficiency and RES programmes

- ▲ Energy renovations: family homes, multiapartment buildings, public sector buildings and commercial buildings
- ▲ RES in households and tourism
- ▲ Energy efficiency in traffic: energy efficient vehicles, eco-driving education, city bikes, chargers, electric boats, electric bicycles...
- ▲ Energy efficiency of public lighting
- ▲ Energy efficiency in industry
- ▲ Energy efficient household appliances
- ▲ Educational activities

Why these programmes and measures? They are defined within the *National Energy Efficiency Action Plan*

- ▲ H.3: Capacity building for energy poverty alleviation
- ▲ H.5: Programme for energy poverty alleviation
- ▲ B.4: Increasing energy efficiency and use of RES in the private service sector (tourism and trade)
- ▲ P.2: Programme of energy renovation of public sector buildings 2016 -2020
- ▲ I.2.: Improving energy efficiency in industrial production plants
- ▲ T.1.: Eco-driving training
- ▲ T.3.: Fostering integrated and intelligent transport and development of alternative fuels infrastructure on a local and regional level
- ▲ T.4.: Financial incentives for energy efficient vehicles
- ▲ T.5.: Development of alternative fuels infrastructure

ENERGY USE IN CROATIA



- ▲ 42% energy is used in buildings
- ▲ 35% energy is used in traffic

Energy renovation of buildings - 222 M€ of national funding



FAMILY HOMES

9.300 homes
88 M€

MULTI-APARTMENT BUILDINGS

2.324 buildings
38 M€

PUBLIC BUILDINGS

262 buildings
90 M€

COMMERCIAL BUILDINGS

80 buildings
6 M€

Good practice example: energy renovation of a hospital in Split

- ▲ 67,000 m² - 12 buildings; 290 m² solar panels
- ▲ INVESTMENT: 20 million euro
- ▲ ESCO model: Fund 40%, ESCO company 60%.
- ▲ Return on investment – 14 years; energy savings 56%



EU funding

The Fund is acting as an Intermediate Body level 2

- responsible for developing the methodology for evaluating eligibility criteria, implementing the procedure for verifying eligibility, and as one of the signatories of the contract, for controlling eligibility of costs and monitoring the implementation
- ✓ **1.500 projects within 12 specific goals from the Operational programme**
 - energy efficiency and RES,
 - environmental protection,
 - climate change and
 - risk management



Europska unija
Zajedno do fondova EU



**EUROPSKI
STRUKTURNI
I INVESTICIJSKI
FONDOVI**



Operativni program
**KONKURENTNOST
I KOHEZIJA**

Energy efficiency and RES: EU funding

(Competitiveness and Cohesion OP 2014. - 2020.)



Energy renovation
of buildings and
use of RES in
public institutions
performing
educational
activities
4c13

217 projects
INVESTMENT
90 mil. euro
EU FUNDING
26,4 mil. euro



Energy
renovation and
renewable
energy sources
use in public
buildings
4c14

549 projects
INVESTMENT
260 mil. euro
EU FUNDING
149 mil. euro



Energy
renovation of
multi-apartment
buildings
4c22

579 projects
INVESTMENT
134 mil. euro
EU FUNDING
102 mil. euro



Smart grids
4d11

INVESTMENT
24 mil. euro
EU FUNDING
20 mil. euro



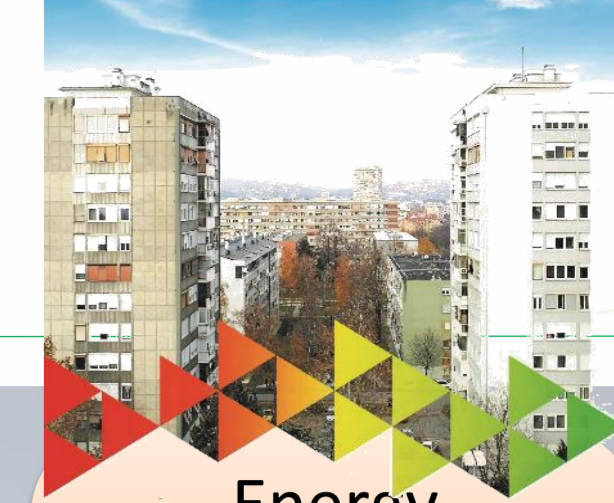
EE and RES for
the industry
sector
4b11

89 projects
INVESTMENT
65,6 mil. euro
EU FUNDING
36,3 mil. euro



EE and RES for
the service
sector
(tourism, trade)
4b21

80 projects
INVESTMENT
43,8 mil. euro
EU FUNDING
25,6 mil. euro



Energy
renovation of
multi-apartment
buildings
4c22



Energy renovation of a multiapartment
Zagreb
Maretićeva



EE and RES for
the industry
sector
4b11



HEINEKEN
Croatia
1.380 solar
panels

Thank you for the attention!



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