



REPUBLIC OF CROATIA  
ENVIRONMENTAL PROTECTION AND ENERGY  
EFFICIENCY FUND



**SUPPORTING ENERGY EFFICIENCY  
ACTIVITIES IN CROATIA – ROLE OF  
THE FUND**

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# About the Fund



- ▶ Established at the end of 2003 by the Law
- ▶ **Extra-budgetary public institution**
- ▶ Goal
  - ▶ ensuring financial means for supporting (co-financing) environmental protection, EE and RES projects
  - ▶ obliged to co-finance measures defined in the NEEAP
- ▶ Mechanism – **polluter pays principle!**
  - ▶ environmental charges: emissions of CO<sub>2</sub>, SO<sub>2</sub> and No<sub>x</sub>; waste; special charge on motor vehicles
  - ▶ incomes from ETS (pending)
  - ▶ EU funds



# Incomes and allocation



- ▶ Planned incomes for 2014:
  - ▶ 1,4 billion HRK (**187 million EUR**)
- ▶ Users
  - ▶ Local and regional authorities, public institutions and bodies, companies and entrepreneurships, CSO, physical persons
- ▶ Types of aid
  - ▶ Loans: 0% interest rate, period 7 years (grace period 2 years)
  - ▶ Grants
- ▶ Amounts of aid
  - ▶ **Up to 40-60-80% of eligible costs** (depending on area – development index)
  - ▶ Up to 100% - Government decision, documentation for EU funding

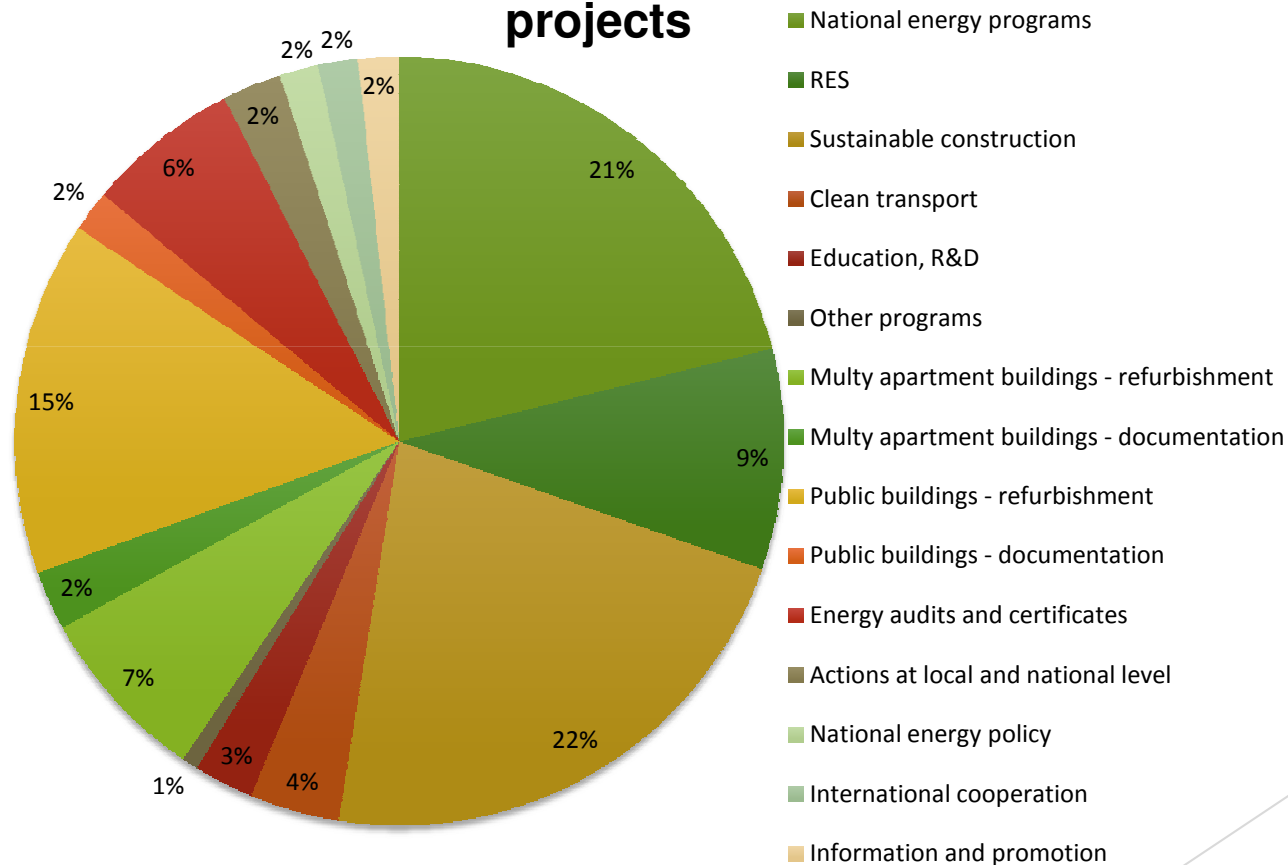




# Investments in EE and RES – plan for 2014



## 201 million HRK (27 M€) allocated for EE and RES projects



Croatia and the SE European Energy Bridge, Zagreb, 10.10.2014.



# Programmes for energy refurbishment of buildings





# Public buildings



**Government decision 165,5 Mkn (22 M€)  
(2014 – 2015)**

**5,5 Mkn (0,7 M€)  
100% of eligible costs**

Energy audits and certificates,  
ToR for energy service

**Payments > 0,5 Mkn**

**160 Mkn (21,3 M€)  
40% of eligible costs**

energy refurbishment (envelope,  
systems)

**No payments yet!**



# Family houses



**Envisaged 50 Mkn (6,7 M€) in 2014**

## **EE measures**

**Plan: 25 Mkn (3,35 M€)**

Share of Fund:

40%, 60% or 80%

Share of local authority:

10%, 5% or 2,5%

**Approved**

**> 112 Mkn (15 M€)**

**for 3.400 houses!**

## **RES systems**

**Plan: 25 Mkn (3,35 M€)**

Share of Fund:

40%, 60% or 80%

Share of local authority:

10%, 5% or 2,5%

**Approved**

**> 43 Mkn (5,7 M€)**

**for 2.6000 systems!**





# Multi-apartment buildings



## Envisaged 20 Mkn (2,7 M€) in 2014

Energy audits and certificates	Project design	Energy refurbishment
Plan: <b>1,5 Mkn (0,2 M€)</b> Share of Fund: 40%, 60% or 80% of eligible costs	Plan: <b>3,5 Mkn (0,5 M€)</b> Share of Fund: 100% of eligible costs (max. 35.000 or 200.000 kn)	Plan: <b>15 Mkn (2 M€)</b> Share of Fund: 40%, 60% or 80% of eligible costs
<b>Approved &gt; 2,2 Mkn (0,3 M€) for 447 buildings!</b>	<b>Approved &gt; 8 Mkn (1 M€) for 245 buildings!</b>	<b>Approved &gt; 34 Mkn (4,5 M€) for 82 buildings!</b>



# Other buildings



**Envisaged 25 Mkn (3,3 M€) in 2014  
For local authorities and companies!**

**EE measures in buildings and construction of new buildings (class A)**

**25 Mkn (3,3, M€)**

Share of Fund: 40%, 60% or 80% of eligible costs

**Approved > 43,6 Mkn (5,8 M€) for 75 buildings!  
4 Mkn (0,5 M€) for 10 projects in commercial services sector**



# Public lighting systems



## 1. step

- **Energy audit – legal obligation**
- 1 Mkn (0,13 M€)
- Approved: 55 audits

## 2. step

- **Project design**
- 1,6 Mkn (0,2 M€)
- Approved: 31 projects

## 3. step

- **Reconstruction**
- 15 Mkn (2 M€)
- Approved: 19 projects



# Programme for clean transport



- ▶ Sustainable urban mobility plans
  - ▶ Only 9 cities
- ▶ Eco-driving
  - ▶ Pilot project: 8 to 18% savings
  - ▶ 700.000 kn (100.000 €) - > **more than 1.300 educated drivers!**
- ▶ Electric and hybrid vehicles
  - ▶ 15,5 Mkn (2 M€) for **440 vehicles!**
    - ▶ 53 electric + 8 PHEV + 379 hybrid
- ▶ Other measures: conversion to CNG or electric, public bicycle systems, electric bicycle, optimising distribution routes, intelligent traffic signalisation





# Other programmes of the Fund



- ▶ Energy audits and introduction of energy management system ISO50001
- ▶ Energy efficiency projects in industry
- ▶ Utilisation of RES
- ▶ Education, research and development projects
- ▶ Supporting implementation of national climate-energy policy



# Instead of conclusion... for 1 kn of subsidies, 3.3 kn investments

**> 2.500 implemented projects (status end of 2013)**

**> 900 million kn – approved by the Fund**

**> 3 billion kn – total investments**

National energy programs – public lighting and industry

Energy audits and certificates

Sustainable construction

Renewable energy sources (RES)

Clean transport

Education, research and development

Other projects (CSOs, international cooperation, energy policy development and implementation, promotion)



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Thank you for your  
attention!

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