Supporting Sustainability and Business as usual in Croatia – Role of the Fund

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Content

• About the Fund
• Programmes for energy refurbishment of buildings
• Other programmes
• Concluding remarks
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 CO2, SO2 and NOx; 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 entrepreneurship, 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 allocated for EE and RES projects

- National energy programs
- RES
- Sustainable construction
- Clean transport
- Education, R&D
- Other programs
- Multi-apartment buildings - refurbishment
- Multi-apartment buildings - documentation
- Public buildings - refurbishment
- Public buildings - documentation
- Energy-audits and certificates
- Actions at local and national level
- National energy policy
- International cooperation
- Information and promotion

Programmes for energy refurbishment of buildings

- **Public buildings**
  - ESCO model
  - Central government buildings

- **Family houses**
  - Cooperation with local authorities

- **Multi-apartment buildings**
  - Cooperation with building management companies

- **Commercial buildings**
  - Direct application
### Public buildings

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

<table>
<thead>
<tr>
<th>5,5 Mkn (0,7 M€)</th>
<th>160 Mkn (21,3 M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100% of eligible costs</td>
<td>40% of eligible costs</td>
</tr>
<tr>
<td>energy audits and certificates, ToR for energy service</td>
<td>energy refurbishment (envelope, systems)</td>
</tr>
<tr>
<td>Payments &gt; 0,5 Mkn</td>
<td>No payments yet!</td>
</tr>
</tbody>
</table>

### Family houses

#### Envisaged 50 Mkn (6,7 M€) in 2014

<table>
<thead>
<tr>
<th>EE measures</th>
<th>RES systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan: 25 Mkn (3,35 M€)</td>
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</tr>
<tr>
<td>Share of Fund: 40%, 60% or 80%</td>
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</tr>
<tr>
<td>Share of local authority: 10%, 5% or 2,5%</td>
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</tr>
<tr>
<td>Approved</td>
<td>Approved</td>
</tr>
<tr>
<td>&gt; 112 Mkn (15 M€)</td>
<td>&gt; 43 Mkn (5,7 M€)</td>
</tr>
<tr>
<td>for 3,400 houses!</td>
<td>for 2,600 systems!</td>
</tr>
</tbody>
</table>
### Multi-apartment buildings

#### Envisaged 20 Mkn (2.7 M€) in 2014

<table>
<thead>
<tr>
<th>Category</th>
<th>Plan</th>
<th>Share of Fund</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy audits and certificates</td>
<td>1.5 Mkn (0.2 M€)</td>
<td>40%, 60% or 80% of eligible costs</td>
<td>&gt; 2.2 Mkn (0.3 M€) for 447 buildings!</td>
</tr>
<tr>
<td>Project design</td>
<td>3.5 Mkn (0.5 M€)</td>
<td>100% of eligible costs</td>
<td>&gt; 8 Mkn (1 M€) for 245 buildings!</td>
</tr>
<tr>
<td>Energy refurbishment</td>
<td>15 Mkn (2 M€)</td>
<td>40%, 60% or 80% of eligible costs</td>
<td>&gt; 34 Mkn (4.5 M€) for 82 buildings!</td>
</tr>
</tbody>
</table>

### 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 on 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)
Thank you for your attention!

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