Energy Savings Programme
Operational Programme Enterprise and Innovations for Competitiveness 2014 - 2020

JASPERS Networking Platform Workshop on Energy Efficiency in SME’s and Large Industry
Prague, October 1, 2019
Outline

- Operational Programme Enterprise and Innovations for Competitiveness 2014 – 2020 – Priority Axis 3
- Energy Savings programme (specific target 3.2)
- V. call Energy Savings programme
- Ex-ante Evaluation of Energy Savings programme
- Experience within the announced calls of Energy savings programme
Priority Axis 3 (OPEIC)

Effective energy management, development of the energy infrastructure and renewable energy sources, support for introduction of new technologies in the area of using energy and secondary raw materials

Specific Objectives:

3.1 INCREASE THE SHARE OF ENERGY FROM RES
3.2 INCREASE OF ENERGY EFFICIENCY
3.3 SMART GRIDS (DISTRIBUTION SYSTEMS)
3.4 LOW-CARBON TECHNOLOGIES
3.5 INCREASED EFFICIENCY IN DISTRICT HEATING SYSTEMS
3.6 STRENGHTEN ENERGY SECURITY (TRANSMISSION NETWORK)
Energy savings programme

- **Main target group**: Business entities (small, medium and possibly large enterprises); for intervention in the field of energy savings (thermal insulation of production and business buildings, comprehensive energy saving solutions) also agricultural entrepreneurs, food entrepreneurs, and retail organizations.

- Also supported are joint-stock companies with 100% public sector share, national enterprises and state-owned enterprises.

- **Indicative target for objective 3.2 (Energy savings)** is 9 PJ

- **Financial allocations of objective 3.2** is 668 832 866 EUR
Energy savings programme

Supported activities:
- Modernization and reconstruction of the power, heat and gas distribution within the buildings and production plants
- Establishment of the systems of measurement and regulation
- Modernization and reconstruction of the existing devices for energy production for the own consumption leading to increased efficiency
- Modernization of the lighting systems within the buildings and production plants (LED etc.)
- Measures for the higher energy efficiency of the buildings in the entrepreneurial sector
- Use of the waste energy in production processes
- Increasing of the energy efficiency in the production processes
- Installation of renewable sources of energy for the own consumption
- Installation of cogeneration unit for the own consumption
- Support of additional costs to achieve the passive energy standard of the entrepreneurial building by construction or reconstruction
Comparison of energy savings programmes calls
Call Parameters:

- Continuous call – FIFO method;
- Receiving applications: from 16th September 2019 to 30th April 2020;
- Total allocations 6 billion CZK;
- Support for enterprises not meeting the definition of small and medium-sized enterprises according to Annex 1 to Commission Regulation (EU) No 651/2014 may be granted up to a maximum of 60% of the allocation for this call.
- The deadline for the finishing of the project is 31 March 2023.
- Aid intensity: 30% for large enterprises, 40% for medium enterprises and 50% for small enterprises of total eligible cost.
Selection criteria for the IV. a V. calls

A. Binary (exclusion) criteria
   - Compliance with the programme
   - Equal opportunities principles
   - Environment and human health impact

B. Preparedness of the applicant for project implementation (max. 11 points)
   - Building permissions

C. Necessity and relevance of the project (max. 72 points)
   - Specific eligible costs of reduction of emissions CZK/kg CO2 per year.
   - Energy savings (%)
   - Installation of RES

D. Efficiency cost projects (max. 17 points)
   - Marginal investment costs CZK/GJ per year.
Ex-ante evaluation of expected energy savings in final energy consumption according to I. II. and III. Calls (Energy Savings Programme)

<table>
<thead>
<tr>
<th>Call</th>
<th>Year</th>
<th>Number of applications</th>
<th>Number of projects</th>
<th>Expected energy savings per year (GJ)</th>
<th>Total eligible costs (CZK)</th>
<th>Total subsidies (Kč)</th>
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<th>Expected energy savings per year (GJ)</th>
<th>Total eligible costs (CZK)</th>
<th>Total subsidies (Kč)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Call</td>
<td>2016</td>
<td>529</td>
<td>444</td>
<td>1 363 806</td>
<td>6 425 197 180</td>
<td>2 303 652 201</td>
<td>6</td>
<td>18 956</td>
<td>189 761 027</td>
<td>70 455 539</td>
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<tr>
<td></td>
<td>2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>124</td>
<td>252 464</td>
<td>1 085 461 520</td>
<td>417 971 623</td>
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<tr>
<td></td>
<td>2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>158</td>
<td>482 784</td>
<td>2 379 214 337</td>
<td>852 326 361</td>
</tr>
<tr>
<td>II. Call</td>
<td>2017</td>
<td>456</td>
<td>194</td>
<td>650 912</td>
<td>2 600 386 704</td>
<td>994 691 580</td>
<td>9</td>
<td>9 179</td>
<td>91 573 904</td>
<td>43 367 976</td>
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<tr>
<td></td>
<td>2018</td>
<td></td>
<td>169</td>
<td>647 900</td>
<td>4 283 477 639</td>
<td>1 521 207 978</td>
<td>146</td>
<td>282 005</td>
<td>1 941 916 010</td>
<td>742 361 895</td>
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<tr>
<td>III. Call</td>
<td>2017</td>
<td>28</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>2018</td>
<td>570</td>
<td>408</td>
<td>183 419</td>
<td>4 507 401 780</td>
<td>1 831 250 996</td>
<td>35</td>
<td>35 156</td>
<td>333 891 116</td>
<td>146 616 766</td>
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<tr>
<td></td>
<td>2019</td>
<td></td>
<td>59</td>
<td>26 524</td>
<td>733 711 831</td>
<td>314 523 274</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Total</td>
<td>1 583</td>
<td>1 274</td>
<td>2 872 561</td>
<td>18 550 175 134</td>
<td>6 965 326 029</td>
<td></td>
<td>478</td>
<td>1 080 544</td>
<td>6 021 817 914</td>
<td>2 273 100 160</td>
</tr>
</tbody>
</table>

* At least one stage was realized, including its repayment.
The share of individual energy source on energy savings (I. Call and II. Call of Energy Savings Programme)

I. CALL
- Gas: 44.82%
- Central heating system: 16.31%
- Coal: 14.52%
- Light/heavy fuel oil: 0.62%
- Electricity: 22.92%
- RES: 0.80%

II. CALL
- Gas: 18.97%
- Central heating system: 16.97%
- Coal: 30.04%
- Light/heavy fuel oil: 9.22%
- Electricity: 20.41%
- RES: 3.23%
- The Others: 1.16%
The share of individual categories of energy saving measures on the eligible cost (I. Call and II. Call of Energy Savings Programme)

**I. CALL**
- Technology: 20.67%
- Buildings - technical systems: 23.51%
- Building - thermal insulations: 46.98%
- Heat distribution: 0.52%
- RES: 2.97%
- CHP: 0.50%
- The others cost for energy generation: 2.36%
- The others cost for energy distribution: 1.14%
- The others cost for consumption energy: 1.34%

**II. CALL**
- Technology: 39.56%
- Buildings - technical systems: 15.60%
- Building - thermal insulations: 37.52%
- Heat distribution: 0.07%
- RES: 1.59%
- The others cost for energy generation: 0.87%
- The others cost for energy distribution: 0.17%
Experience within the calls of Energy savings programme

The delay reasons of the implementation of the Energy Savings programme:

- The share of large enterprises was only 20% on the beginning of programme period, which did not correspond to the structure of the Czech economy;
  - On the base of negotiations with the European Commission, in mid-2017 this share was increased to 60% in the Energy Saving Programme.

  - The exclusion of energy efficiency projects from the application of Article 61 (Omnibus – August 2018).
Experience within the calls of Energy savings programme

The potential for effective savings is limited by the condition that investments aiming at reducing greenhouse gas emissions from activities listed in Annex I to Directive 2003/87/EC (EU ETS).

The potential for more efficient energy savings in industry was largely realized in the previous period. „cheap saving was already done“.

Programming period 2021 - 2027

combination of financial instruments and grants for small projects....simpler and faster administration.
Thank you for your attention
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