

SCORE

Co-own. Prosume. Renew.

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SCORE Final Conference

City of Prague on the way to CO₂ neutrality

Miloslav Franěk

17th November, 2021



Prague Climate Plan - done list

- ✓ Energy manager dept., est. January 2021
- ✓ Jaroslav Klusák + new team
- ✓ Review of energy management method
- ✓ Selected buildings for PV (22) and EPC (38)
- ✓ **PV Pilot 1** , two residential houses – Prague 14, supplier selection
- ✓ **Pilot 2**, 35 PV (schools, social houses), tender on going, application to MoF
- ✓ Building database of next PV instalations (50 + 50)
- ✓ Prague Renewable Energy Community, 1.10.2021
- ✓ Applications for licences



PRAGUE RENEWABLE ENERGY COMMUNITY



Why

1. City to have own organizational, personnel and professional background to make RE happen
2. Address electricity over flows between generation / supply and transmission points more efficiently (and more easily integrated into central purchasing)
3. Open a community, support other energy communities, i.e. growth of communities number, One-Stop-Shop

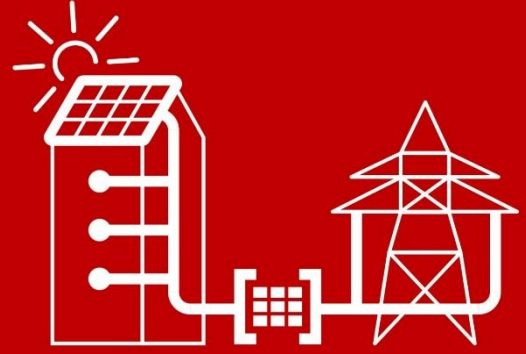


Community energy models for Prague

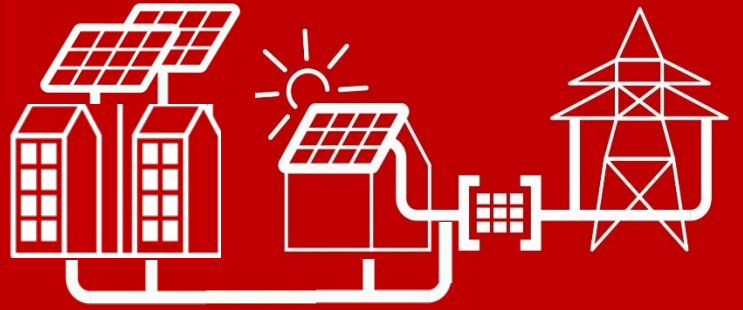
1



2








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4








Main activities

-  Complete preparation of new RES plants (especially photovoltaics) on city buildings and other properties
-  Operation of these plants, supply of energy and its sharing through the distribution system
-  Central energy purchasing for city organizations in combination with PPA from RES plants
-  Energy saving projects on city buildings (incl. RES plants, EPC etc)
-  One – Stop - Shop



Financial support

-  **Apartment buildings** - NZÚ program (New Green for Savings) - subsidy up to 50% + EUR 600 / 1 kWp installed + EUR 200 / connected housing unit
-  **Family houses** - NZÚ – up to 60% subsidy, basic installation of 2 kWp – EUR 1600 + EUR 400 additional 1 kWp
-  **Public buildings** - Modernization fund – up to 30% subsidy, EUR 300 / kWp capacity installed
-  **EIB program ELENA**, EUR 1,8 mil, public sector support
-  **01/22 – application for next ELENA EIB private sektor** – up to EUR 2,5 mil, 90% funding



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1.12.2021

**Připojte i váš dům
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Sem zadejte hledaný výraz

10°C Přev. slunečno 12:25 09.11.2021




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Postscript

EU DIRECTIVE 2018/2001 of 11 December 2018 on the promotion of the use of energy from renewable sources

„Renewable Energy Sources Community "- the legal entity:

-  which is based on open and voluntary participation in accordance with applicable national law, is independent and is effectively controlled by shareholders or members located in the vicinity of renewable energy projects owned and built by that legal entity;
-  whose shareholders or members are single persons, small and medium-sized enterprises or local authorities, including municipalities;
-  whose main purpose is not to make profit but to provide environmental, economic or social benefits to its shareholders or members or to the local areas in which it operates



Thank you...



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Energy manager department

PRAGUE CITY