# NEW GREEN in SAVINGS PROGRAMME

Programme of the Ministry of Environment (MoE) which is run by the State Environmental Fund of the Czech republic (SEF)

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Single-family houses

# Programme's basics

## Main objectives

- **Energy savings** and **reduction of GHG emissions** through improving energy efficiency of residential and public buildings.
- **Increase the share of renewable energy sources** in buildings.

## Financial resources and time frame

- Estimated funds: **700 million EUR** - financed through EU ETS auction revenues (phase 3 EU ETS: auctions 2013-2020).
- **Long term calls**: accepting new applications 2014-2021.

## Target groups

- **Owners of single-family or multi-family houses**.
- Owners of public buildings (co-financing OPE).

# Criteria of eligibility

## Renovation of single- and multi-family houses (4 levels)

- **Energy savings ratio** (min. 20 %).
- **Average U-value** of buildings envelope or **specific energy demand for heating**.
- **Compulsory replacement of old solid fuel fired boilers**.
- **Compulsory installation of air ventilation system** with heat recovery for the highest subsidy level.

## New single- and multi-family houses (2 levels)

- **Multiple criteria of „passive“ house**.
- **Compulsory installation of air ventilation systém with HR**.

# Basic rules

- **Subsidizing up to 50 %** (single-family houses) / 30 % (multi-family houses) of the total eligible costs.
- **Ex post financing** – final beneficiaries have to „pre-paid“ all the costs.
- **Non competitive long-term continuous calls**.
- **Better energy standard of the renovation = better subsidy**.
- **Complex projects can be divided into more stages**.
- **Fast administration** – rule of 3 weeks.
- **Electronic communication** with applicants.

# Behind the Programme

- **Big further potential**: number of single-family houses in the CR ~ 1,6 million, only ca. 25–30 % renovated to a various level
- **Current annual capacity**: ~ 10 000 applications per year.
- **Current annual cash-flow capacity**: ~ 80 mil. EUR.
- **Effectivity:** one of the most efficient programme in the CR, ca. 650 TJ for every 38 mil. EUR invested.
- **Average subsidy**: ~ 10 000 EUR.
- **Staffing**: 80 FTE (from which 50 are project managers).
- **Country coverage**: 14 branch offices, free to call help line.

# Life cycle of typical application

## Application

- **On-line electronic evidence** (technical drawings and energy calculations can be sent also in paper)

## Evaluation

- **Non-competitive calls**: every application which meets the criteria and is covered by funds is subsidised.

## Installation of measures

- **18 months to complete the project** (for renovations).

## Final check and money transfer

- Check of invoices etc. Money transfer.

# Quality assurance

- **Technical drawings and energy calculations have to be done by specialists (civil engineers and energy specialists)**.
- **Compulsory on-site construction supervision**.
- **List of trusted materials and technologies** – proven technical parameters of construction materials and other products (not compulsory).
- **On-site check by SEF employees (selected projects only – based on risk analysis)**.

# Current status

# Truly countrywide programme

# Almost 33 000 applications = 275 mil. EUR

Single-family houses (2014 – now)

# Main lessons

- Choose **long term continuous call** instead of start-stop calls.
- **Electronic on-line evidence and communication**.
- **Trust other authorities** – no need to check every detail.
- **Reduce paperwork**.
- **Set up limits** for the subsidy based on the measures (e.g. for 1 sq. meter of insulation) – prevents overpriced projects.
- **Work with the target group** - directly or in cooperation with municipalities/NGO's/associations

# Start – stop calls vs. long term call

# Complementary programmes and future

## Old boilers replacement programme

- Funded through EU Funds – 350 mil. EUR.
- Bonuses for combination of the programmes.

## Rainwater management systems (Dešťovka)

- Funded through SEF budget – 10 mil. EUR.

## Future plans

- Involve DIY projects.
- Reduce paperwork more further.
- NZEB full implementation.
- Guarantee scheme – get private banks involved.

Better subsidy schemes…
… for a better environment