PILOTING SOLUTIONS FOR SOLID FUEL HEATING

STOVE EXCHANGE AND R&D OF AN EFFICIENT HEATER

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23.06.2022.
HOUSING

ENERGY

POVERTY

ENERGY EFFICIENCY

- FIT FOR 55
- JUST TRANSITION
- RENOVATION WAVE
- SOCIAL CLIMATE FUND

HOUSHOLD SOLID FUEL HEATING?
- renewable
- carbon neutral
- air pollution
- low income households
- access to modern technologies
In Hungary around 4 million people use solid fuels as an energy source.
Wood is the mayor source of heating fuel of low-income households.
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avg. net. income / person / month:

€150
Wood prices increasing rapidly while gas prices are fixed since 2013.
2022: EU ECODESIGN LEGISTLATION
Since 2022 January it is *illegal to manufacture* solid fuel space heaters that do not comply with the Ecodesign requirements.

- 50-80% emissions

**Price:** €150 ➔ min. €500
Poor households do not have the recourses to invest in safe, efficient and clean burning heating systems.
SOCIAL HEATER EXCHANGE PROGRAMME

MASONRY HEATERS
METAL STOVE

MASONRY HEATER

COMPATIBLE WITH STANDARD:
EN 15544 AND ECODESIGN
HEATER EXCHANGE
PILOT 1
2020

TILED MASONRY HEATER
- 5 heaters
- 5 chimneys
- 5 volunteer masons
- 7 volunteer helpers
HEATER EXCHANGE
PILOT 1
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VIDEO
PLANS FOR PILOT 2 2021

- Faster to build
- Uniform design and look
- Easier use
- Faster warm-up time
- Local helper
- Payed builders
PLANS FOR PILOT 2
2021

Nordic design
HEATER EXCHANGE
PILOT 2
2021

- Funding
- Design
- 2 prototypes
- Testing
HEAT COLUMN

- 5 heaters
- 5 chimneys
- 2 heater masons
- 1 local organizer
- **FUEL SAVINGS**
- **MORE COMFORT**
- **MORE ROOMS HEATED**
- **SMOOTH PROCESS**
HEATER EXCHANGE

NEXT STEPS

LOCAL
- PILOT 3

SCALE-UP
- "FOR-PROFIT" PRODUCT
- SOCIAL HEATER EXCHANGE
- COMPLEMENTARY SERVICES/TECHNOLOGIES

ADVOCACY
- NATIONAL
- EU
THANK YOU FOR YOUR ATTENTION!