



Smarter Stoves Partnership

SMARTER TOGETHER, JUNE 2021

Contents / agenda:

1. Our destination: results and roadmap
2. Our journey so far
3. Key takeaways
4. What's ahead, including challenge(s)

Results Framework

Overall objective:

Reduction of CO2 and black carbon emissions from individual devices for residential heating in the Western Balkans

Specific objective:

Knowledge platform for mass change-out scheme(s) prepared and communicated to decision makers, IFIs and development partners

Output 1:

Assessment of alternative technologies for heating

Output 2 :

Design of alternative financing and implementation schemes

Output 3:

Design prepared with stakeholder participation and communication

Result 1.1
Catalogue of options

Result 1.2
Technologies assessed from perspective of private and public goods

Result 2.1
Assessment and selection of financing options

Result 2.2
Assessment of implementation mechanisms and proposal of options

Result 3.1
Communication plan prepared and implemented

Output 1 assessments

Technology assessment: efficiency, emissions and levelized costs of heat

Technology assessment: externalities

Market assessment and human resource assessment

Assessment for improving fuel management

Output 2 assessments

Assessment of public financing options on national and local level

Commercial loan financing assessment

Development financing assessment

EU and IFIs financing assessment

Implementation assessment: legal and institutional barriers

Implementation assessment: capacities in public and private sector

Implementation assessment: managing waste streams

Output 3 Comms plan

*“smarter together”
database with 300
stakeholders from the
region already established*

International: development partners, civil society organisations and networks, international development agencies, bilateral development partners (embassies and development agencies), regional and European multilateral partners

National (x6 e.g. the Western Balkan 6): National, government, government and state agencies, public / utility companies and other public sector partners a) Government, ministries b) Utility companies c) Energy, forestry (fuel), consumer protection (product standards), Social services (energy poverty, support schemes for heating)

Civil society: a) CSOs of similar topical interest and/or experience (energy, poverty, climate change mitigation, climate activism, air pollution, local development, sustainable forestry, public health) other b) CSOs of unique outreach (rural households, support to pensioners, consumer protection associations) trade associations (chimney cleaners, installers, etc.) media orgs with demonstrated interest in topic, faith organisations

Business: a) Fuel businesses (fuel wood suppliers, processors, logistics, storage, trade associations); b) Technology businesses (stove manufacturers, importers, wholesalers, retailers, maintenance service providers); c) Finance businesses (retail banks, consumer credit providers - ask technology vendors for leads, they know who they work with already)

Local govts: Subnational / regional / local government, agencies, public/utility companies and other municipal public sector partners and/or those of a group of municipalities, where they are working together; a) Local government associations (e.g. Standing conference of towns and municipalities in Serbia); b) Selection of individual local authorities with at least some level of interest, commitment and / or experience in the topic; c) Selected local government utility companies

Partners



Partner organisation	
Center for Ecology and Energy	Tuzla
Balkan Green Foundation	Pristina
Eko-svest	Skopje
Green Home	Podgorica
Eden	Tirana

Workshops

Coverage	Date	participants	Watch
Montenegro	March 24, 2021	27	https://youtu.be/daSr9MLIkus
Bosnia and Herzegovina	March 30, 2021	25	https://youtu.be/k5IGH-JTabo
Kosovo*	March 30, 2021	8	https://youtu.be/X0leZ4vTBb8
North Macedonia	April 6, 2021	30	https://youtu.be/p35xNX9s9v0
Albania	April 7, 2021	22	https://youtu.be/O6YaXeMm3x4
Serbia	April 8, 2021	21	https://youtu.be/u5yIIg1NXTk
Regional, W. Balkans	May 19, 2021	21	n/a

The smarter heat “value-chain”

Fuel (Wood) Mgt.

- Processing
- Drying
- Burning

Insulation

- Typology of buildings
- Awareness
- Capacity/
purchasing
power

Current Device

- Technology
- Use /
burning
practices
- Maintenance
-

Change options

Technology
Availability
Market
segments
Investment
NPV
User
preference
s

Financing

Users
Vendors
Retail bank

Public support

Local govt
National
Donor

Issues along the “value-chain”

Fuel (Wood) Mgt.

- Lack of knowledge and skills
- On harvesting, processing, storage and burning

Insulation

- Condition for support schemes
- To precede the heating technology replacement

Current Device

- Inadequate handling;
- opportune choice of fuels both legal and otherwise (e.g. waste)
- tradition

Change options

Technology vendors' market / business develop practices lack ambition

Financing
insufficient;
inaccessi
ble to
those
most in
need

Public support

no
segmentation,
poverty-blind,
support
qualification
criteria &
admin issues

Experts and contracting

Consultant	Status	Report by
GHG inventory	Selected, induction completed, first draft by June 25	End July
Biomass heating technology	Selected, first draft submitted	End July
Heat pumps and solar technologies	Selected, first draft submitted	End July
Buildings	Selected, induction completed, first draft by June 25	End July
Financing	Selected, induction completed, first draft by June 25	End July
Labour market	Selected, induction completed, first draft by June 25	End July
Waste management	Selected, induction completed, first draft by June 25	End July
Social and behavioural analysis	Selected, induction completed, first draft by June 25	End July
User perception survey	Evaluating bids	?

Major takeaways so far

1. Answers that we are able to provide are more numerous than the questions that beneficiaries are able to ask; we appear to be providing real value addition by bringing together stakeholders from different sectors; lowering risk, improving return on investment...
2. “Noise” is tremendously increased. Little or no coordination within the countries and across the region. Low transparency of different actors.
3. Knowledge, evidence and communication is essential; as pressure on decision-makers grows “to do something” primarily about air pollution, so does the danger of scarce resources being wasted on uninformed initiatives
4. “Business case” is fully confirmed: **Knowledge platform built on analysis and communication capable to serve the decision-makers in the region and their partners in designing and implementing climate mitigation policies through improved efficiency of residential heating might significantly help effectiveness of public and private spending.**

<http://smarterstoves.resfoundation.org>

What's ahead?

1. Rolling out the user perceptions survey, after the initial set of focus groups;
2. Wrapping up and publicising / communicating individual sectoral insights;
3. Putting these together into the A-Z of mass change-out schemes for the region
4. Reality-checks: presenting the solutions to national and regional stakeholders
5. Regional WB workshop / conference on solutions and the way ahead booked for December 2nd

<http://smarterstoves.resfoundation.org>

Let's hear it from stove users:

