



D2.6 Sustainability Action Plan

Zagorje, Slovenia

WRITTEN BY Tomislav Tkalec

FUNDED BY



Co-funded by the
Intelligent Energy Europe
Programme of the European Union

PARTNERS



www.reach-energy.eu

Executive summary

The sustainability action plan summarizes several planned or proposed activities for the continuation of the activities already performed by project REACH consortium. Main goal of the plan is to continue the positive activities performed during project REACH after its end without the financial contribution of the IEE program.

Organizations that already contributed to the project activities on local level are positively responsive to the future activities. These include Technical and Vocational High School Trbovlje, Municipalities of Hrastnik, Trbovlje, and Zagorje ob Savi and three Centres for Social Work. Apart from them, other stakeholders are involved in future activities. Main objective of the project - to help energy poor households via energy advising in their homes is being continued as a national AERO program, coordinated by Eco Fund. The program provides free energy advising in energy poor households by national energy advising network ENSVET.

Main obstacle for the prolongation of the activities that include training of students, mentoring and supervision of their work within their working practise assignments. That part is connected to extra costs, for which source of funding is still missing. One possible solution is to ensure funding through new projects. Local Association for sustainable energetics has applied for this kind of funding with a project that includes before mentioned activities in cooperation with Technical and Vocational High School Trbovlje.

Centres for Social Work (Hrastnik, Trbovlje, and Zagorje ob Savi) are included in future activities of reaching out to the energy poor households. After the project REACH is finished, they will continue to inform energy poor households about the possibility for free energy advising in their home - as part of the national AERO program.

Goals and objectives of the Sustainability Action Plan (SAP)

Sustainability Action Plan aims to map activities among stakeholders for the continuation of the actions performed during project REACH after its end. The Plan is formed together with the key stakeholders in order to ensure that the action remains embedded in the structures, which will support the implementation of the action after the project REACH.

Objective of the SAP is to ensure sustainability of four components of the action:

- training of energy advisers: how the training will be embedded in the curriculum of the schools or in other schools' activities;
- implementation and monitoring of the visits: how the implementation and the quality of the visits will be ensured on the long run;
- reach out to the energy poor households: how social actors will ensure that energy poor households are informed about the possibility of visits;
- availability of free devices for reducing energy and water use: how these devices can be supplied to energy poor households for free on the long run.

Actors that can make REACH approach sustainable

Besides actors, that were active in REACH activities, there are some new ones, that are interested or have potential to continue with some parts of the project.

Technical and Vocational High School Trbovlje has interest in continuing with providing training support for their students and enabling their students to implement their working practise as energy advisers in energy poor households. They are open to new project or program proposals, that would ensure continuation of activities, implemented under the REACH project.

Costs of working practise for students was covered by all **three municipalities** in the region: **Hrastnik, Trbovlje, and Zagorje ob Savi**. At least one of them is interested in continuing with the activities, as these costs represented around 2.000 EUR per year for each of the municipalities.

What is missing in current situation, is an actor, that would implement training for students and provide mentoring and supervision of their work within their working practise assignments. That part is connected to extra costs, for which source of funding is still missing.

One possible solution is to include new actors, that would take over this role and ensure finances. Local actor, **Association for sustainable energetics**, will try to provide funding through a project that they have applied for within the Partnership Zagorje for Local Development Strategy. Their partners will be Technical and Vocational High School Trbovlje.

Social actors, namely all three **Centres for Social Work (Hrastnik, Trbovlje, and Zagorje ob Savi)** are included in future activities, that derived from REACH's Work Package 5. After the project REACH is finished, they will continue

to inform energy poor households about the possibility for free energy advising in their home – as part of the national AERO program. The program provides free energy advising in energy poor households by national **energy advising network ENSVET** and is coordinated by the national **Eco Fund**. Whole service is based on REACH methodology. The program is included in the National Action Plan for Energy Efficiency. Towards the end of the project REACH all three Centres for Social Work were informed about AERO program and that from that time on, they should provide new information to energy poor households. The service for energy poor households will stay practically the same, only the provider of service will change.

Involvement of local actors (decision makers and key stakeholders) is very important for success of this national project, because they have direct contact with the target group and have better knowledge of local circumstances (who to help, how to help them, what kind of programs would suit their local circumstances).

Integrating REACH approach in existing structures

Analysing the sustainability of REACH approach through the four components, described in the chapter about goals and objectives, we have come to following conclusions:

- training of energy advisers: Technical and Vocational High School Trbovlje is interested in taking part in future activities. But there is need for funding these activities and finding a suitable stakeholder, who would lead the activities of training the students and supervise their work within their working practise assignments. Local actor, Association for sustainable energetics, will try to provide funding through a project that they have applied for within the Partnership Zagorje for Local Development Strategy. Their partners will be Technical and Vocational High School Trbovlje. Activities that are part of the project proposal encompass training for students for energy advising in energy poor households and implementation of visits in energy poor households. Activity is directly influenced by project REACH and Focus could be part of it as external partner or consultant.
- implementation and monitoring of the visits: first option is through the local project, described above. Association for sustainable energetics would coordinate the project and lead activities that encompass energy advising in energy poor households, together with training, monitoring and supervising high school students. Project realization is dependent from the

success of the project application. Second option is already under way. As part of Work Package 5 we have contributed to development and implementation of national program for addressing energy poverty, called AERO. Program is coordinated by Eco Fund, run by ENSVET network, and initiated by Ministry of Infrastructure and Ministry of Environment and Spatial Planning. The program provides free energy advising in energy poor households is based on REACH methodology. The program is included in the National Action Plan for Energy Efficiency. This means that visits in energy poor households will continue not only in this region, but in whole of the country.

- reach out to the energy poor households: this component was ensured through cooperation with Ministry of Labour, Family, Social Affairs and Equal Opportunities about how to better integrate and involve social stakeholders (the Ministry itself and Centres for Social Work) into activities about energy poverty alleviation (especially within the AERO program). The key for successful programs is to work with stakeholders who have good access to targeted households and are able to act as intermediaries for information about programs and schemes. Towards the end of the project REACH all three Centres for Social Work were informed about AERO program and that from that time on, they should provide new information to energy poor households. The service for energy poor households will stay practically the same, only the provider of service will change. Centres for Social Work are aware of their role and will be involved in the activities of informing energy poor households through the national AERO program.
- availability of free devices for reducing energy and water use: this component is ensured through the national AERO program. Funding is provided from Eco Fund (through the national Climate Fund).

Financial sources and budget lines for first 2 years of the national AERO program

Funds intended for implementation of project tasks, without preparatory costs and payments for actual energy advising are as follows:

- approximately 10.500 EUR excluding VAT or 12.600 including VAT for implementation of training for energy advisers,
- approximately 10.000 EUR excluding VAT or 12.000 including VAT for energy saving devices for households.

Together that is 24.600 EUR including VAT. Funds were earmarked in the budget of Republic of Slovenia for 2014, on a budget item from Climate Fund.

Approximate costs of energy and water saving devices:

- CFL, 20W, E27, 300 pieces, 4 EUR/piece,
- CFL, 11W, E27, 300 pieces, 4 EUR/piece,
- CFL, 11W, E14, 300 pieces, 4 EUR/piece,
- tap aerator, max flow 5 l/min, M42, 300 pieces, 4 EUR/piece,
- tap aerator, max flow 7,2 l/min, M22, 60 pieces, 5 EUR/piece,
- efficient shower head, max flow 6 l/min, 150 pieces, 13 EUR/piece,
- flow limiter for shower, max flow 9 l/min, 150 pieces, 3 EUR/piece,
- power strip with on/off switch, 300 pieces, 3 EUR/piece,
- draft proofing (sealing tape) for windows and doors, 12.000 m, 0,20 EUR/m,
- reflective panel for radiator, 1.500 m, 1 EUR/m
- single appliance monitor (watt meter) - used as equipment by energy advisers, 10 EUR/piece.

Energy adviser is paid approximately 40 EUR per 1 household. That costs include travel expenses.

Partners



Focus - Association for Sustainable Development,
Slovenia

www.focus.si



Society for Sustainable Development Design,
Croatia

www.door.hr



Energy agency of Plovdiv, Bulgaria

www.eap-save.eu



Macedonian Centre for Energy Efficiency, Macedonia

www.macef.org.mk

Co-funded by



Co-funded by the Intelligent Energy Europe Programme of the
European Union

The sole responsibility for the content of this document lies with
the authors. It does not necessarily reflect the opinion of the
European Union. Neither the EASME nor the European Commission
are responsible for any use that may be made of the information
contained therein.

For more information about EU: www.ec.europa.eu

CO-FUNDED BY



Co-funded by the
Intelligent Energy Europe
Programme of the European Union

PARTNERS



www.reach-energy.eu