

Title of the measure:	HOU SLO 12- Energy Advice Network for citizens- ENSVET
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General description

Energy advice network for citizens -ENSVET is the main programme launched in 1993 by the Agency for efficient use and renewable energy at the Ministry of the Environment and Spatial Planning for advising(from 2005 , informing and assisting the citizens (local residents) in the implementation of energy efficiency measures in households.

Energy advice network (ENSVET) is a project of the Ministry of Infrastructure and Spatial Planning -Directorate for energy-Sector for Efficient energy use and renewable energy sources.

In Slovenia, about 36 consulting offices with 60 authorized energy advisers are working as a result of partnership between local communities and ENSVET programme.

The main activity of the consulting offices is to advise and to assist in planning and implementation of energy efficiency measures in households.

The consulting and assistance regarding the energy efficiency measures is very important and free of charge for all owners of houses, who want to invest in energy efficiency measures. The consulting offices advise in the following cases:

- *selection of heating systems and heating devices,*
- *exchange of the old heating device and heating,*
- *decrease of fuel consumption,*
- *selection of suitable fuels,*
- *insulation of buildings,*
- *selection of suitable windows,*
- *sanitation of buildings with the purpose to reduce energy consumption,*
- *using energy efficient households appliances,*
- *in all other questions about the energy use in households.*

In the period 2008-2010 more than 18 000 advices were provided with written reports and more than 37000 brief advices.

ENSVET is an energy efficiency measure of the Slovenian National Energy Efficiency Action Plans for the period 2008-2020 .

Impact evaluation

The average energy saving is estimated at 3.1 per MWh per advice with a time delay of 2 years for the implementation of the proposed measures.

The early energy savings are estimated at 99 GWh. The early savings are calculated on the base of number of advices in the period 1995-2008.

The energy savings achieved in 2010 are estimated at 52 GWh.

Energy savings are calculated using the bottom-up method.

The total energy saving defined according to the ESD/Energy efficiency and Service Directive (Directive 2006/32/EC on energy end-use efficiency and energy services) is estimated at 337 GWh in 2016 and 461 GWh in 2020.

The evaluation of final energy savings according to EED/ the Energy Efficiency Directive (Directive 2012/27/EU on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC) is shown in table below.

Ex-post evaluation	Unit	To 2010	2011	2012	2013	2014	2015	2016	2020
Final energy savings –yearly	GWh/a	52	16,32	20,18	18,34	18,56	17,34		
	TJ/a	14,44	4,53	5,61	5,09	5,16	4,82		
Direct CO ₂	kt		4,25	5,26	4,78	4,84	4,52		
Ex-ante evaluation	Unit	2010	2011	2012	2013	2014	2015	2016	2020
Direct CO ₂	kt								
Final energy savings - Total	GWh	151						337	461

Interaction of measures

Historical data

References

- [1] ENSVET Website: <http://gcs.gi-zrmk.si/Svetovanje/index.html>
- [2] "First"-National Energy Efficiency Action Plan for the period 2008-2016, Ljubljana, 2008, http://www.energetika-portal.si/fileadmin/dokumenti/publikacije/an_ure/an_ure1.pdf
- [3] "Second"- National Energy Efficiency Action Plan for the period 2008-2016, Ljubljana, November 2011
- [4] National Energy Efficiency Action Plan for the period 2014-2020, May 2015, <http://www.energetika-portal.si/dokumenti/strateski-razvojni-dokumenti/akcijski-nacrt-za-energetsko-ucinkovitost/>
- [5] Evaluation of the implementation NEEAP 2020 for the year 2014, Jozef Stefan Institute, IJS-DP-11852, April 2015
- [6] Evaluation of the implementation NEEAP 2020 for the year 2015, Jozef Stefan Institute, IJS-DP-12105, April 2016