



## Soustvarjanje slovenske nacionalne strategije prenove

### USTVARJANJE FINANČNO-GOSPODARSKIH RAZMER ZA PRENOVITVENO REVOLUCIJO

#### Uvod

BUILD UPON je največji svetovni sodelovalni projekt s področja prenove stavb – združuje preko 1.000 organizacij iz 13. držav, ki bodo v letu 2016/17 izvedle več kot 80 dogodkov. Njegov namen je, da s pomočjo državam, da do roka 30. aprila 2017 naredijo strategije za prenovo ob-

stojećih stavb v celotni Evropi, spodbudi prenovitveno revolucijo. Omenjene strategije so ključne za zmanjšanje porabe energije v Evropi in širše, zmanjšanje vpliva podnebnih sprememb ter ustvarjanje stavb, ki prav vsakomur zagotavljajo visoko kakovost življenja.

[www.buildupon.eu](http://www.buildupon.eu)



#### Ali aktiviramo dovolj finančnih sredstev za revolucijo?

Za ohranjanje in rast povpraševanja po celoviti prenovi stavb morajo biti prisotni ustrezni finančni in gospodarski pogoji - od inovativnih metod financiranja prenov do "zelenih hipotek" ter od davčnih spodbud do subvencijskih shem. Trenutno se s temi vprašanji ukvarjajo številne organizacije, ki želijo tako pomagati pri ponovnem zagonu tržišča. Zanimivo je spremljati, kako te organizacije na poti k zadanemu cilju sledijo svojemu napredku.

Koliko sredstev je vloženi v prenove ali celovite prenove stavb? Kako učinkovita so javna financiranja v primerjavi z zasebnim financiranjem? Katere vrste gospodarskih pobud vodijo k vedenjskim spremembam? Koliko ton CO<sup>2</sup> se prihrani na milijon evrov investicije?

Za nacionalne strategije prenove ter za vse organizacije, ki vlagajo svoje finančne in gospodarske vire v energijsko učinkovito prenovo stavb, bosta določitev zelenega kolektivnega učinka ter sposobnost merjenja napredka ključnega pomena.

Ta letak nam ponuja vpogled v nekaj primerov finančnih in gospodarskih pobud iz prenovitvene vikipedije RenoWiki na strani projekta BUILD UPON ter načina, kako le-te določajo in komunicirajo svoje vplive. Ne želimo vam govoriti o tem, kako bi naj bilo, ampak želimo privabiti organizacije, ki sodelujejo pri finančno-gospodarskih komponentah nacionalnih strategij prenove, k raziskovanju teh vprašanj.



Na zadnji strani letaka je vključenih nekaj gradiv uporabna za vse, ki delujejo na področju izgrajevanja za merjenje učinkov, za katera menimo, da so vanja znanj in veščin za prenovitveno revolucijo.

## Finančne in gospodarske pobude v RenoWikiju

<b>Grants to Households for Investments in Energy Efficiency and Renewable Energy in Residential Buildings</b> (Slovenia) <span style="float: right;"> <a href="#">Twitter</a> <a href="#">LinkedIn</a> <a href="#">Facebook</a> <a href="#">Edit</a> </span>	
<b>IMPACT</b> <ul style="list-style-type: none"> <li>✓ CO2 emissions reduction (t)</li> <li>✓ Energy savings (GWh/year)</li> <li>✓ Increase in renewable energy use (GWh/year)</li> </ul>	<b>START DATE</b> March 2016  Non-repayable subsidies (grants) to households for investments in energy efficiency and renewable energy in residential buildings. Eligible investments: A-solar heating system; B-biomass boiler; C-heat pump; D-district heating; E-energy efficient windows; F-facade insulation; G-roof insulation; H-heat recovery ventilation; I-new nearly-zero-energy buildings (nZEBs); J-full retrofit; K-apartments in nZEBs (full retrofits); Amount of grant up to: 25 % of eligible costs (A-H), EUR 20,250 (I), EUR 31,500 (J), EUR 12,000 (K). Total amount (Public call 29SUB-OB15); EUR 14 million. To receive grants, households have to file applications to the public call published by Eco Fund. Grants can be combined with Eco Fund's loans.  <a href="#">Read More</a>
<b>RESPONSIBLE ORGANISATION(S)</b> Eco Fund, Slovenian Environmental Public Fund	
<b>State Support for Family Houses Insulation</b> (Slovakia) <span style="float: right;"> <a href="#">Twitter</a> <a href="#">LinkedIn</a> <a href="#">Facebook</a> <a href="#">Edit</a> </span>	
<b>IMPACT</b> <ul style="list-style-type: none"> <li>✓ SUMMARIZE SOURCE 1 <a href="#">Source 1</a></li> </ul>	<b>START DATE</b> January 2016  A State contribution for the insulation of houses is provided up to 30% of eligible costs(max. 6,000 euros), plus extra 500 euros for an energy audit. The higher energy saving, the more money is issued to the applicant.  <a href="#">Read More</a>
<b>RESPONSIBLE ORGANISATION(S)</b> Ministry of Transport, Construction and Regional Development of the Slovak Republic	<b>CONTACT AN EXPERT</b> <a href="#">in</a> Alena Ohradzanská
<b>Western Balkans Sustainable Energy Direct Financing Facility (WeBSEDFF)</b> (EU) <span style="float: right;"> <a href="#">Twitter</a> <a href="#">LinkedIn</a> <a href="#">Facebook</a> <a href="#">Edit</a> </span>	
<b>IMPACT</b> <ul style="list-style-type: none"> <li>✓ Renewable energy projects</li> <li>✓ ESCO: EE projects in public sector through ESCO contracts <a href="#">Source 1</a></li> </ul>	<b>START DATE</b> December 2015  The Western Balkans Sustainable Energy Direct Financing Facility (WeBSEDFF) is an investment facility supported by the EBRD endowed with up to EUR 100 million of loan funds. WeBSEDFF operates in Albania, Bosnia and Herzegovina, Croatia, Republic of Macedonia, Montenegro and Serbia (including Kosovo). The facility is open to local small and medium enterprises (SME) or project developers.  <a href="#">Read More</a>
<b>RESPONSIBLE ORGANISATION(S)</b> EBRD	



## Boiler Change Programme (Czech Republic)



### IMPACT

- ✔ Target 85,000 boilers upgraded.

**START DATE** July 2015

A subsidy programme for boiler replacements supported by European funds. The subsidy from the Operational Programme Environment 2014-2020 can be applied by the person who is also the owner or co-owner of the property: aimed at housing specifically. The subsidy is provided as a single investment targeted support and the subsidy beneficiary must implement the project in a given region. The subsidy for new boilers is between 60-85% of eligible costs – purchase and installation of the unit – a new boiler or storage tanks, heat pump etc. According to the currently approved allocation about 85,000 boilers should be replaced.

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### RESPONSIBLE ORGANISATION(S)

Ministry of Environment through the State Environmental Fund

## Green for Households (Slovakia)



### IMPACT

- ✔ Forecast to lead to installation of 15,000 renewable energy systems

**START DATE** January 2015

Slovak Innovation and Energy Agency (SIEA) is administrating a grant project for households that will use European funds and the state budget to support installations of small devices for renewable energy in houses and apartment buildings. It is estimated to run until 2020. The grant will supply a maximum of 50% of the cost of the installation bill. A pilot national project is earmarked at €45 million, which should help install more than 15,000 systems for renewable energy.

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### RESPONSIBLE ORGANISATION(S)

Slovak Innovation and Energy Agency (SIEA)

### CONTACT AN EXPERT

[in](#) Kvetoslava Šoltéssová

## RYS Fund – Thermo-Renovation of Single Family Houses (Poland)



### IMPACT

- ✔ Target reduction of final energy consumption by 300,000 GJ/year.
- ✔ Target reduction of CO2 emissions by 25,000 tonnes/year.
- ✔ Target reduction of PM10 particulates emissions by 50 tonnes/year.
- ✔ Target reduction of PM2.5 particulates emissions by 45 tonnes/year.

**START DATE** January 2015

The programme is planned for years 2015-2023. Financed renovation works are divided into three groups: I. Decreasing the heat losses through the envelope, e.g. insulation of external wall, change of windows; II. Building systems, e.g. modernisation of heating and DHW system, installation of balanced ventilation with heat recovery; III. Change of heat source and use of RES.

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### RESPONSIBLE ORGANISATION(S)

The National Fund for Environmental Protection and Water Management (NFOŚiGW)



## Povzetek

Meritve, ki se uporabljajo za določanje in merjenje vplivov, se med seboj razlikujejo glede na vrsto finančno-gospodarskih pobud, ki jih želimo vzpodbuditi, ter tega kako učinkovito se s tem ukvarja posamezna organizacija.

Meritve, ki so predstavljene v zgornjih primerih lahko razdelimo na:

- 1 **Meritve obsega:** se nanašajo na 'koliko'. Koliko sredstev je bilo vloženih, koliko prenov ter tehnoloških posodobitev razbremenjenih ob naložbah.
- 2 **Meritve rezultatov:** se pogosto prikazujejo sočasno z meritvami obsega, vendar sledijo končnemu rezultatu investicije oziroma gospodarskega instrumenta. Primer vključuje število ton priranjenih izpustov CO<sup>2</sup> ter v posebnem standardu prenovljenih domov.
- 3 **Socialne meritve:** se pričnejo sočasno z nekaterimi finančno gospodarskimi instrumenti, da se izmerijo socialni kapital ali s pobudo ustvarjene dobrine. Primeri vključujejo številne preнове domov, ki naslavljajo energetska rešitve.

## Kako nadalje?

To so le nekateri viri, ki jih priporočamo za določanje in merjenje učinkov, za katere upamo, da bodo v pomoč vsem, ki si iščejo poti, kako to izvesti.



Projekt je sofinanciran s strani Evropske skupnosti v okviru raziskovalnega in inovacijskega programa Obzorje 2020 s sporazumom o dodelitvi sredstev št. 649727.

*Izjava:* Odgovornost za vsebino tega gradiva nosijo njegovi avtorji. Gradivo ne predstavlja nujno stališč Evropske komisije ter ne EASME, ne Evropska komisija nista odgovorni za kakršno koli uporabo le-tega.

