



ener2i
ENERgy Research to Innovation
Reinforcing cooperation with Eastern Partnership
(EaP) countries on bridging the gap between
energy research and energy innovation

EU-EASTERN PARTNERSHIP STI COOPERATION IN ADDRESSING ENERGY
RESEARCH AND INNOVATION

POLICY STAKEHOLDERS CONFERENCE IN MINSK, 12 - 13 OCTOBER 2015

GORAZD WEISS, CENTRE FOR SOCIAL INNOVATION, AUSTRIA



ener2i – basic facts

- **Project Coordinator** – Centre for Social Innovation (ZSI), Vienna, Austria
- **Duration** – 36 Months, October 2013-September 2016
- **EaP target countries** – Armenia, Belarus, Georgia, Moldova
- **EU partners** – Austria, Hungary, Germany; (and Netherlands, Norway and others through eseia network)
- **Project Budget** – around € 1 million, supported in the EU's 7th Framework Programme for RTD (FP7)



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 609532.

Main objectives

- ❑ To enhance the innovation capacity and improve the innovation performance of manufacturers, energy service companies and industry in the field of energy efficiency (EE) and renewable energy sources (RES).
- ❑ To improve knowledge transfer and innovation support in the field of EE/RES through a comprehensive trans-national cooperation.
- ❑ To stimulate effective linkages between research and innovation with effective knowledge transfer methods in the participating EaP countries Armenia, Belarus, Georgia, and Moldova.
- ❑ To strengthen cooperation between research and business actors in EE/RES in the participating countries and at the same time facilitating the cooperation between EU and participating EaP countries.

Expected Impact

- ❑ **4 analytical reports** on the research and innovation landscape and on players in EE/RES in the participating EaP countries (Armenia, Belarus, Georgia, Moldova)
- ❑ **4 local brokerages** in participating EaP countries and **4 brokerages** in EU countries
- ❑ **8 training workshops** on various aspects of innovation, which are relevant for EE/RES in participating EaP countries
- ❑ **Staff exchanges/study visits** – 24 experts exchanged in the frame of a twinning scheme
- ❑ **24 innovation vouchers**, allocated to start-ups and businesses in the participating EaP countries as a result of a merit-based competition



- Centre for Social Innovation – ZSI, Austria
- Regional Centre for Information and Scientific Development - RCISD, Hungary
- European Sustainable Energy Innovation Alliance - eseia, Austria
- Belarusian Institute of Systems Analysis and Information Support - BelISA, Belarus
- National Academy of Sciences – NAS-RA, Armenia
- Agency for Innovation and Technology Transfer - AITT, Moldova
- Technology Transfer Association - TTA, Armenia
- Belarusian Innovation Fund - BIF, Belarus
- Union “Energy Efficiency Center Georgia” – EEC, Georgia
- energy engineers - ee, Germany
- Organization for Small and Medium Enterprises Sector Development - ODIMM, Moldova

Main project activities



ener2i EE/RES country reports

- **Published:** http://www.ener2i.eu/page/34/attach/0_cross-countries_report_pre_final_version_18_11_2014.pdf

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ener2i Country Reports on the energy sectors in Armenia, Belarus, Georgia and Moldova

19. Nov. 2014

The ener2i project consortium has published four Country Reports on the energy sectors of [Armenia](#), [Belarus](#), [Georgia](#) and [Moldova](#) as well as a pre-final version of a comparative [cross-country report](#). The reports focus on the potential in energy efficiency (EE) and renewable energy sources (RES), and provide an overview of available technologies and technology providers, opportunities and barriers and address relevant policies and energy strategies. This analysis will be a basis for the formulation of policy recommendations and the definition of a joint roadmap on EE/RES at a later stage of the ener2i project.

Further information: office@ener.2i.eu

[f](#) [g+](#) [t](#)

Tags | [energy efficiency \(2\)](#) | [renewable energy sources \(3\)](#) | [reports \(1\)](#)

Attachments

 Armenia_Country_Report.pdf PDF 736.07Kb	▶
 Belarus_Country_Report.pdf PDF 1.14Mb	▶

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eJournal archive

Latest entries

ener2i Brokerage Event in Moldova

▶

ener2i Workshop on Innovation in Energy Efficiency and Renewable Energy in

▶

Ener2i EU Brokerage Event

▶

Event Calendar

November 2014

MO	TU	WE	TH	FR	SA	SU
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ener2i brokerages & workshops in EaP countries

Brokerage



Belarus: 14-15 October 2014, in Minsk linked to Energy Expo;



Moldova: 10-11 December 2014, in Chisinau, linked to Top Innovation event



Georgia: 1-2 June 2015, in Tbilisi in cooperation with SECURE R2I and INNOVER-EAST projects;



Armenia: 2nd October 2015, in Yerevan, linked to 6th International Renewable and Clean Energy Conference





ener2i brokerages in EU

Past EU Brokerage events

- ❑ **1st ener2i EU brokerage event: Brussels, 23 June 2014**
during EU Sustainable Energy Week (in cooperation with **Inco.Net EaP**)
- ❑ **2nd ener2i EU brokerage event: Brussels, 2 December 2014**

Upcoming EU Brokerage events

- ❑ **3rd ener2i brokerage event in Brussels - European University Association - EUA, Avenue de l'Yser 24, 1040 Brussels, 2. December 2015 (online registration available soon)**
- ❑ **4th ener2i brokerage event in Graz (Austria)- TU Graz, Topic: Smart and Green Cities and Regions, April 2016**



ener2i Twinning

- ☐ **Ener2i Twinning Activities**

- 3 day study visits & 5 day staff exchanges

- ☐ **EU-EaP 3 day study visits:**

- e.g. 2 German experts of Energy Agency North-Rhine Westphalia to Armenia in June 2014

- ☐ **EaP-EU 3 day study visits/5 day staff exchanges:**

- e.g. 9 experts from Armenia, Belarus, Georgia and Moldova for a 3 day study visit to Vienna & Graz, Austria in May 2015

ener2i Innovation Vouchers

☐ **Innovation Voucher Competition (IVC)**

The aim of the IVCs is to initiate innovation projects in the field of energy efficiency (EE) and renewable energy sources (RES) by providing direct financial support at an early stage of project development.

☐ **Bring businesses and research organisations in direct contact;
per Voucher € 4,000 awarded**

☐ **The Voucher money can be spent on R&D services (e.g. technology and market surveys, feasibility studies, etc.) and R&D activities (e.g. prototyping, travel for international knowledge transfer, etc.).**

☐ **Assessment of applications by an international evaluation panel.**

Innovation Vouchers



☐ Innovation Vouchers – Belarus

competition between May-August 2014
8 applications / 4 Vouchers awarded



☐ Innovation Vouchers – Moldova

competition between December 2014 - March 2015
34 applications / 11 Vouchers awarded (CEI co-funded)



☐ Innovation Vouchers – Georgia

competition between March – May 2015
18 applications / 6 Vouchers awarded



☐ Innovation Vouchers – Armenia

competition between May 2015 - July 2015
14 applications / 6 Vouchers awarded



ener2i Innovation Vouchers

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Home – Innovation vouchers – Funded projects

Funded projects

For each funded project of the ener2i Innovation Voucher competition a one-page description of the project, its main objectives and the involved partners can be found here to give an overview of the funded projects.

Moldova

IV_MD_2015_47 New material in construction - Termo-Fono-Izolant

IV_MD_2015_49 Energy Integrated System for small Moldovan enterprises in the agricultural sector

IV_MD_2015_51 Improving the energy efficiency of equipment for biomass processing by briquetting

IV_MD_2015_57 Building prototype of energy saving turbine system

IV_MD_2015_61 The Flow of Life

IV_MD_2015_62 Short-term wind speed forecasting technique for selected localities in Moldova

IV_MD_2015_66 Polymers for energy efficiency improvement

IV_MD_2015_68 Innovative solutions for energy efficiency consumption in public lighting systems

IV_MD_2015_70 National Energy Monitoring System for Public Institutions

IV_MD_2015_75 Testing to help optimize design and efficiency of new glazed solar air heating collectors

http://ener2i.eu/innovation_vouchers/funded_projects

About IV Competition

Belarus

Moldova

Georgia

Armenia

[Funded projects](#)

ESSONET-ENERVE

Latest entries

INNOVER-EAST Training in Baku

Policy Event of INNOVER-EAST in Yerevan with the participation of ener2i

ener2i Workshop on Energy and Innovation, and Brokerage Event in

Event Calendar

September 2015						
MO	TU	WE	TH	FR	SA	SU
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

R2I cluster – East

❑ ENER2I is one project of a **cluster of EU funded 5 projects**
R2i call FP7-INCO-2013-9 and Inco.NET EaP supporting
the link between research and innovation in Eastern
Partnership Countries, and with EU partners.

http://ener2i.eu/related_projects/r2i_cluster_east



Activities - Clustering

Main objectives:

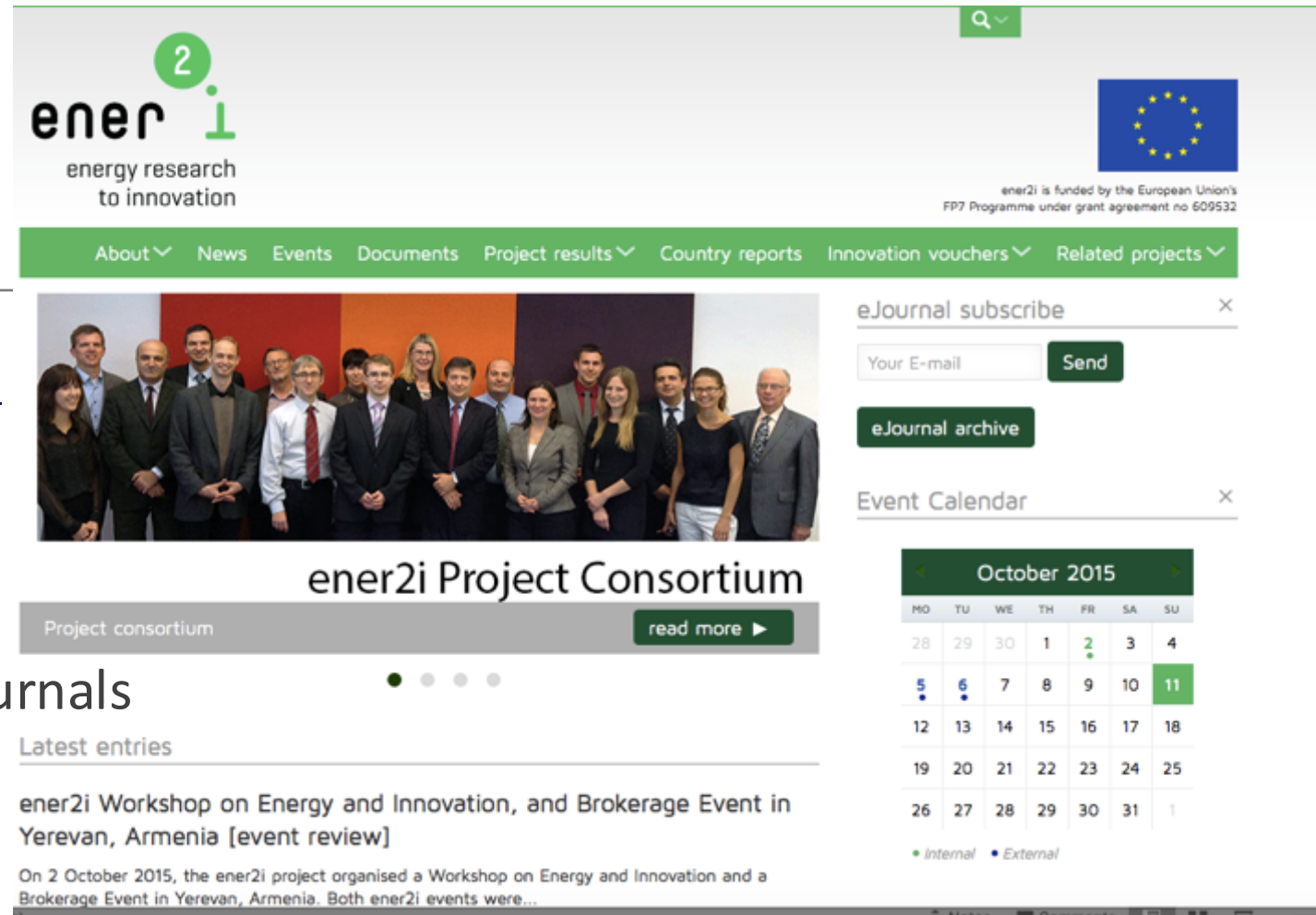
- to promote **exchange of experience and synergies** regarding similar activities and needs (e.g. training, events, networking and dissemination activities).
- to **identify common structural weaknesses in the research to innovation chain and coordinated policy measures** to address them.
- to **ensure close coordination with INCO-NET and BILAT actions** targeting the same countries or regions

Outreach

- Ener2i web platform – ener2i.eu
- Ener2i newsletter – subscribe
- Ener2i 
- Publications
- Articles in EU and EaP related journals
- Papers in energy & innovation peer reviewed journals

- Online ener2i lectures:

http://ener2i.eu/project_results/online_lectures



The screenshot shows the ener2i website with the following elements:

- Header:** ener2i logo (energy research to innovation), European Union flag, and text: "ener2i is funded by the European Union's FP7 Programme under grant agreement no 609532".
- Navigation Bar:** About, News, Events, Documents, Project results, Country reports, Innovation vouchers, Related projects.
- Main Content:**
 - ener2i Project Consortium:** A group photo of the consortium members.
 - Latest entries:** "ener2i Workshop on Energy and Innovation, and Brokerage Event in Yerevan, Armenia [event review]". Text below: "On 2 October 2015, the ener2i project organised a Workshop on Energy and Innovation and a Brokerage Event in Yerevan, Armenia. Both ener2i events were..."
- Right Sidebar:**
 - eJournal subscribe:** Form with "Your E-mail" and "Send" button.
 - eJournal archive:** Button.
 - Event Calendar:** Calendar for October 2015. Legend: Internal (green dot), External (blue dot).

THANK YOU FOR YOUR ATTENTION!

More information: <http://www.ener2i.eu/>



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