

research, innovation, business creation





The Knowledge Transfer Community

Newsletter No 7 / 1- 2015

Energy

H2020-Energy Efficiency Research & Innovation, Demand response in blocks of buildings, Deadline: 4 June 2015 At the level of a block of buildings, the focus should be on real time optimisation of energy demand, storage, supply including self-production when applicable, using intelligent energy management systems with the objective of reducing the difference between peak power demand, minimum night time demand, thus reducing costs and greenhouse gas

emissions.

More... http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2368-ee-06-2015.html

New ICT-based solutions for energy efficiency, EE-11-2015, Deadline: 4 June 2015

Specific Challenge: To motivate and support citizen's behavioural change to achieve greater energy efficiency taking advantage of ICT (e.g. personalised data driven applications, gaming and social networking) while ensuring energy savings from this new ICT-enabled solutions are greater than the cost for the provision of the services.

Scope: the focus should be on the creation of innovative IT ecosystems that would develop services and applications making use of information generated by energy consumers (e.g. through social networks) or captured from sensors (e.g. smart meters, smart plugs, social media) and micro-generation.

More... http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2369-ee-11-2015.html

Technology for district heating and cooling EE-13-2015. Deadline: 4 June 2015

Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose they may include basic and applied research, technology

development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment. Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment.

More...http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2370-ee-13-2015.html#tab2

Call for Eurostars-2 projects - 17 September 2015

Eurostars is a programme that supports research-performing small & medium enterprises, which develop innovative products, processes, services, to gain competitive advantage. Eurostars does this by providing funding for transnational innovation projects: the products of which are then rapidly commercialized.

Eurostars is a joint programme between more than 30 EUREKA member countries and the EU. All funding given to approved projects is managed by the Eurostars countries according to their national funding rules and procedures.

More... https://www.eurostars-eureka.eu/home/guidelines; http://www.eurostars-eureka.eu/#in-your-country

2015 Renewable Energy World Europe Conference, 9-11 June 2015, Amsterdam, The Netherlands

Renewable Energy World Europe's insightful, practical, thought-provoking multiple track conference sessions cover strategic, technical topics, are conceived, designed by leading renewables practitioners with the aim of presenting only new, relevant, valuable content. Renewable Energy World Europe, co-located with POWER-GEN Europe features the industry's most comprehensive multi-track conferences, examining critical aspects of the power generation sector.

More... www.renewableenergyworld-europe.com; sophiap@pennwell.com

EU Funding & State Aid for Energy - training event, 27-28 April 2015, Brussels

The new programming period 2014-2020 just began, but more than ever before we are seeing shifts in focus toward low carbon economies, renewable energy, and energy efficiency. Did you know that these shifts are going to nearly double current investment amounts? And are you up to date on how the new State aid rules on energy apply? To get you up to speed, renowned experts from the European Commission, the European Investment Bank, Member States Authorities and private legal practice are offering an intimate training event on EU Funding Opportunities, Financial Instruments and Compliance with State Aid Rules.

More... http://www.lexxion.eu/training/eu-funds/european-funding-for-energy

EU Sustainable Energy Week, 15-19 June 2015, Brussels and across Europe

Sustainable Energy Europe Awards: You Can Make a Difference! The competition is now open. The Sustainable Energy Europe Awards gather outstanding sustainable energy projects from across Europe. Let us know your accomplishments and apply for the 2015 Sustainable Energy Europe Awards! Deadline is 28 February.

More... www.eusew.eu; info@eusew.eu; Click-here-to-apply

10th Conference on Sustainable development of energy, water & environment systems 27.09-3.10 2015 Dubrovnik

The papers with archival value (archival papers), meaning those that contribute significantly to the state of the art and report final results of research, with proper literature review, will be thoroughly reviewed and will be candidates for publication consideration in special issues of several archival journals. The papers that report work in progress without significant contribution to the state of the art, and those lacking a thorough literature review, are invited as conference papers, and will receive less stringent review. Authors are invited to offer suggestion on classification of their papers as "archival" or "conference", when submitting them.

More... http://www.dubrovnik2015.sdewes.org/call.php

Horizon 2020 Energy Efficiency Info Day, 12 December 2015, Brussels

The Executive Agency for Small and Medium-sized Enterprises EASME will organise an <u>Information Day</u> on the call for Energy Efficiency projects. The forthcoming calls for <u>Research and Innovation</u>, Market Uptake and <u>Project Development Assistance</u> will open <u>on 10 December</u>. The Information Day is meant for anyone who is interested in running a EU project in the field of energy efficiency, for those that intend to apply for 2015 Horizon 2020 Energy calls.

More... http://ec.europa.eu/easme/en/horizon-2020-energy-efficiency-information-day

Energy and climate goals for 2030

On 24 October 2014 the European Council approved the 2030 Framework for Climate and Energy, proposed by the European Commission with objectives to be met by 2030.

More... http://ec.europa.eu/energy/2030_en.htm

4th Symposium Small PV Applications, Rural Electrification & Commercial Use, 9-10 June 2015, Munich, Germany The conference will be in closer correlation with Inter - solar. This give our conference the chance to be also the most important event for Off-grid solar applications.

More... http://www.otti.eu/pdf/Small_PV-Applications_pva4822.pdf

Events in the field of technology transfer, innovation and business finding partners



2ndNoGAP Brokerage Event in Frankfurt am Main / Germany, 16 June 2015 - Call for proposals

The NOGAP project aims at bridging the gap between science and innovation in the field of secure, clean and efficient energy. To foster networking between different partners in the European Union and countries of the Eastern Partnership, a brokerage event is going to be organized on June 16, 2015, in Frankfurt/ Germany. Entering your profile enables you to participate in the networking activities, and gives you the possibility to participate in the event in Frankfurt.

NoGAP is looking for novel ideas which could have a strategic and meaningful impact to the energy sector in the Eastern Partnership region. If you are a researcher and/or an entrepreneur from the Eastern Partnership region, you are encouraged to respond to this call. Forms are available to generally present your company or institution, and to present the technology you want to offer or which you need to further pursue your idea, which you are invited to fill in at http://partnering.pt-dlr.de/nogapfrankfurt2015. Only proposals using the format provided by NoGAP will be accepted.

The proponents of selected proposals will be invited to present their projects and have face-to-face meetings with potential partners at the NoGAP Brokerage Event taking place in Frankfurt on 16June 2015. The event is organised within the frame of international trade fair "ACHEMA 2015".

More... http://partnering.pt-dlr.de/nogapfrankfurt2015.

The Brokerage Event, 16 June 2015, Frankfurt Main, Germany

The Brokerage Event of NoGAP will offer opportunities for networking and finding potential collaborators and partners companies, organizations, entrepreneurs and researchers from different EU Member States and Eastern Partnership countries. The Brokerage Event consists of pitch presentations and a series of bilateral meetings, lasting approximately 30 minutes each. The Brokerage Event will comprise approximately 40-50 participants from EU Member States and Eastern Partnership Countries.

Make your profile available to potential partners you want to meet at the NoGAP Brokerage Event. Browse the profiles of other participants and get in touch.

More... http://partnering.pt-dlr.de/nogapfrankfurt2015

NoGAP Brokerage Event: Networking with partners from Eastern Europe

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More... www.no-gap.eu.

Brokerage event, during the 4th Trade Fair Greater Region Business Days, 17-18 June 2015, Luxembourg

The GR Business Days include besides exhibition stands, the EEN brokerage event, interactive conferences, speed pitches, a TV stage, a "Start-up Village", a "EU-Networking Village", a "Chambers' Academy" and networking receptions, in which your companies are invited to participate as well.

More... www.een-matchmaking.com/gr-businessdays2015; www.gr-businessdays.com

Internships for patent professionals: working with examiners, 16 June - 3 July 2015, EPO, The Hague

The Praktika Intern programme is designed for professional representatives working in private practice or industry with experience in drafting and prosecuting European patent applications. It is an international programme organised and coordinated by the European Patent Academy, it aims to promote equal access to education and training opportunities in the field of EU & international

patent law and practice across all current and future contracting states of the European Patent Convention (EPC).

More... http://www.epo.org/about-us/jobs/vacancies/internships/patent-professionals.html

Examination Matters 2015, 16-17 April 2015, European Patent Office, The Hague

Examination Matters has become the meeting place for patent attorneys dealing with the EPO in the patent granting procedure. Examiners and practitioners provide insight into the mind of the examiner and the day-to-day work performed. Workshops offer the opportunity to conduct detailed discussions with your peers on relevant aspects of examination, share day-to-day experiences and get immediate answers to your practical questions from EPO examiners and epi experts. The focus of the 2015 edition of Examination Matters will be on ICT and how computer-implemented inventions are protected under the EPC. A range of workshops will illustrate practice in this technical area.

More... http://www.epo.org/learning-events/events/conferences/examination-matters.html

Technology Offers; Technology Request; Expression of Interest

A German company is looking for investors for realising projects on deep-seated geothermal energy plants
Energy efficiency system to monitor, manage and reduce energy consumptions in smart home environments.
Energy module to convert low-pressure steam into CO2-free electric energy
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A novel device combining solar and wind energy generation: Artificial trees UK Concentrator of solar energy Armenia

Technology of renewable energy storage and conversion into electrical energy is offered Poland

Energy efficient solution for facilities through usage of waste water energy Croatia Innovative Energy Fence as an energy source for residential heat pumps France

A unique cloud based software for smart metering and remote monitoring of energy consumption at buildings Turkey

Review and assessment of a model - local and regional energy planning tool Slovakia Energy cell for the utilization of thermal energy generated during aerobic processes Hungary

Autonomous heating systems based on solid-phase heat accumulators using night electric energy or surplus.. Russia

Innovative solar hybrid water system Macedonia

Ground thermal energy storage pilot plant Italy

SaaS (Software as a Service) platform for energy control Spain

Energy monitoring system for industrial applications Estonia Open-sea testing facilities for marine renewable energy technology UK

Highly efficient heat exchangers for more energy efficiency in baking industry and other industries working...

Compact solar and pellet module for apartment buildings

Energy efficiency for bakeries and others Germany Spain

Power Management Software for Microgrid and smartgrid

Technology Request

Technology Offer

Searching for technologies and/or services related to renewable energy and energy efficiency in buildings Spain Grid-connected solar system with electronic energy storage Korea

A Turkish conglomerate seeking innovative technologies in energy efficiency to be applied in Turkey Turkey Photovoltaic technology sought for rural areas of Senegal Belgium

Technologies using solar thermal techniques for large-scale water treatment sought

Italy Development of power flow control in renewable energy power conversion systems using saturable core...

R&D partners for further development of a portable solar energy-on-the-go pack for disaster recovery,...

Dutch institute seeks clean energy solutions for historic buildings, neighborhoods and districts.

Wave energy converter

Terrace/carport canopy with variable and adjustable photovoltaic lamella sought

Passive houses construction partners needed

Low environmental impact materials for micro wind turbines

New technologies wanted to reduce resource consumption in retail units, data centres, industrial units...

Ireland Austria Macedonia

> Italy UK

UK

Israel

Netherlands

Germany Italy Germany

Germany

Latvia

Magnetic sealing of shaft free in axial axisCzech RepInnovative solutions to measure moisture in energy and waste treatment processesFranceFuel cell based on methanol - DMFC (direct methanol fuel cell) for a pilot off-grid unitCzech RepTechnology & products related to building performance for modelling & analysisUK

Research - Expression of Interest - Partner Search

H2020: Design of an optimal efficiency wind energy conversion system and energy saving systems for	Greece
H2020-FETOPEN-2015-CSA Academic Co-ordination Partners Sought for Novel Ideas for radically new tech	UK
PS-H2020-FTI Pilot-2015-1- Software for Rating the Energy in Tunnels (SRET)	Spain
H2020-LCE-02-2015: Development of new generation tech for steam generation in the supply of thermal	Bulgaria
Partners are sought for the call H2020-EE-2015-3 MarketUptake EE- 14 - 2015 (Coordination and Support	Slovakia
Partner sought for H2020 SME Instrument: Hydrogen Production Device	Turkey
Coordinator sought for H2020-NMP6 - development of nanomaterial for energy efficient construction	Germany
PS Smart Cities and Communities solutions - Horizon 2020 call SCC1-01-2015	Italy
H2020 - Fast Track to Innovation: SME is looking for partner for a project in the field of big data, smart	Germany
H2020 - NMP 22 CALL - Industrial supplier for advanced fibre-based materials	France
H2020, SCC 2015 Future-oriented resiLient Urban Intelligent Districts planning in Europe and Mediterranean.	Italy

Research & Innovation

Needed: A new approach for research and innovation in Europe

- · Focus on our greatest societal challenges
- Encourage new networks, institutions and policies for open innovation
- Spend more on research, education and innovation, in part through bolder co-investment schemes
- Coordinate and plan RDI programmes better within Brussels and among the member-states
- Open competition should be standard in EU programmes

More... http://www.sciencebusiness.net/pdfs/innovationboard/ANewApproach_to_EU_RDI-JOINT_STATEMENT.pdf

10 simple steps for start-ups to win the hearts of investors

According to Bill Reichert, founder of VC firm Garage Technology Ventures, the well-crafted start-up pitch is in short supply these days. "It is not good enough to tell a good story," says Reichert. "You have to get beyond good enough and get to wow." ... <u>continue reading >>></u>

10 great free tools every start-up should take advantage of

In his recent article for *Forbes*, entrepreneurship writer Neil Patel directs start-ups to 10 free tools that can help them manage their young companies without spending a dime of precious start-up capital. "Soon will come the day when you can pay vendors and service providers tons of money," writes Patel, "but today is not that day." In the meantime, check out these helpful tools that happen to cost nothing at all ... *continue reading* >>>

6 challenges every investor faces when approaching a university start-up

In his recent guest post for **VentureBeat**, Shomit Ghose of Onset Ventures offers advice to investors on how best to approach the university start-up space. "Spinning startups out of an academic environment as a venture investor has its own set of challegnes," Ghose writes. Having advised and invested in early-stage academic start-ups for many years, he has learned these six key tips for investors ... **continue reading** >>>

8 questions entrepreneurs should ask themselves when negotiating term sheets

In her recent article for *Inc.*, seasoned entrepreneur and Arbor Ventures founder Melissa Guzy advises entrepreneurs to ask themselves a few hard questions when negotiating a term sheet with investors ... *continue reading >>>*

12 ways to make your crowdfunding campaign a success

According to Ruth Hedges, chief executive of Crowdfunding Roadmap, the key to running a successful crowdfunding campaign isn't who's investing or even how great your idea is -- the key is you. "It's you and your self-determination," says Hedges. "Do the hard work. Build the social capital. Create the material."

The majority of people who crowdfund raise less than \$5,000. To stand out, you need to be proactive and make the right moves. Here are Hedges' 12 suggestions ... <u>continue reading >>></u>

Start-up matches academic algorithms with the needs of businesses

A start-up called Algorithmia aims to make use of the many algorithms developed in universities that otherwise end up gathering dust by matching them with businesses. If Algorithmia makes a successful match, the researcher is paid for the algorithm's use, the start-up takes a small cut without claiming any ownership over the ... <u>continue reading >>></u>

7 pre-launch mistakes start-ups must avoid

In his recent article for ClickZ, Alan Cutter, founder of digital media recruiting agency AC Lion International, meditates on the biggest mistakes start-ups often make before they even launch. Cutter concedes that "if you aren't making mistakes, you're not taking enough risks." There are, however, some mistakes that can damaging to your start-up's chances of success but also easily avoided, he says. Here are seven of the biggest ones ... <u>continue reading</u> >>>

Six simple marketing tips for tech start-ups

In his recent blog post, consultant Martin Zwilling offers tech start-ups some simple advice on marketing. "You can have the best technology," he writes, "but if customers don't know you exist, or they don't know how your technology solves a problem for them, your start-up will fail." Here are six ways to keep that from happening ... continue reading >>>

Why universities should reconsider launching venture capital funds for start-ups

In his recent Forbes article, contributor Dileep Rao warns universities about launching venture capital funds to invest in new technologies ... continue reading >>>

Global University Venturing names Oxford's Isis Innovation TTO of the Year

Isis Innovation, the commercialization arm at Oxford University, has won the Tech Transfer Office of the Year award from Global University Venturing magazine ... continue reading >>>

Northeastern undergrads pitch fair-trade coffee bars on CNBC

Two undergrads at Northeastern University have developed an edible product that can provide the rejuvenating benefits of coffee in less time. Students Ali Kothari and Johnny Fayad recently got a 60 second spot on CNBC's "Power Pitch" to sell their product and company, New Grounds Food, to a panel of investors ... continue reading >>>

Ariel U signs funding agreement for renewable energy innovations

Ariel University R&D Co. Ltd, the tech transfer organization of Ariel University, Israel, has signed a funding agreement with Capital Nature, Ltd. for investments in Renewable Energy Applied Research ... continue reading >>>

U Chicago launches new start-up incubator for students and faculty across campus

The University of Chicago is launching a new incubator aimed at creating new businesses and job growth in the technology and innovation sectors across Illinois ... continue reading >>>

U of Oregon in legal dispute with professor and alum over intellectual property

A University of Oregon (UO) associate professor and a former UO graduate student are suing the school over the alleged patent infringement surrounding a popular reading test the two claim they developed ... continue reading >>>

U of California system to launch \$250 million start-up fund

Apparently the University of California system had a very good reason when it announced two weeks ago that it was lifting a long-standing ban on making direct investments in its own start-ups. Last week the system revealed plans to launch an independent \$250 million fund for investments in UC-based tech spinouts ... continue reading >>>

LSU program aims to fill a gap in gap funding

Research Park Corporation (RPC), part of the innovation hub Louisiana Technology Park, is launching a program to assist promising research projects that didn't receive investment from Louisiana State University's LIFT² Fund. You might say it's a gap fund to fill a gap in the previous gap fund ... continue reading >>>

NIH launches NSF-inspired program to train funded researchers how to start a business

The National Institutes of Health (NIH) has launched a pilot program to boost the development and commercialization of new products and services that are being funded through NIH Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) awards ... continue reading >>>

What does the EU do for small businesses?

The portal gathers together the information provided by the EU for SMEs, ranging from practical advice to policy issues.

- Access-to-finance
- Innovation, research & technology
- Outside the EU

- Loans, guarantees & capital
- Environment, energy and transport
- Human resources

Culture and media

Business investment

More... http://ec.europa.eu/small-business/index en.htm

Clusters & SMEs

7th ITEA & ARTEMIS Co-summit 2015: Smart Industry, Impact of software innovation, 10-11 March 2015, Berlin

The event is the main stage for the ITEA and ARTEMIS exhibitions, showcasing projects that combine research excellence with innovation. It expecting over 650 participants from industry, academia, public authorities and press. ITEA is the EUREKA Cluster programme supporting innovative, industry-driven, pre-competitive R&D projects in the area of Software-intensive Systems & Services (SiSS). ARTEMIS Industry Association continuously promotes the R&I interests of its members to the European Commission and the Public Authorities of the participating states. More... http://www.artemis-ia.eu/co-summit-2015/index.html

European Cluster Days, 18-19 March, 2015, Strasbourg, European Parliament

The key meeting for professional exchange between cluster managers, researchers, politicians, business partners! 400 participants will take part in a meaningful dialogue between research & practice on the premises of the EU Parliament:

- Cluster managers, practitioners of regional networks
- CEOs and business executives

- Academics, PHD students, researchers, cluster experts
- Politicians, technical & financial partners of the clusters

More... www.europeanclusterdays.eu; Download the brochure of the European Cluster Days

Cluster training: a selection of courses

There is an increasing demand for professionals who possess the special qualifications needed for the competent management of clusters. In order to cover this need, various courses are offered around the world.

More...http://www.tci-network.org/news/824

Cooperation between the EU and the Eastern Partnership Countries

Belarusian Forum, 12-15 May 2015, Minsk, Belarus

Realizing under the patronage of the Government of the Republic of Belarus, within the integration event «Eurasian week» in Belarus - 2015». Annually there are more than 200 Belarusian and Foreign Companies that take part in exhibition (in 2013 there was 201 Exhibitor with production of international companies, enterprises, and firms from Austria, Belarus, Belgium, China, Finland, Germany, Latvia, Lithuania, Poland, Russia, Sweden, and Ukraine).

Belarusian industrial forum – is the famous interstate arrangement:

Representative collective expositions at Belarusian industrial forum during different years is formed by enterprises of Northwest federal district of Russia, Mordovia Republic, Lipetsk, Volgograd, Novgorod, Sverdlovsk, Samara, Penza, Ryazan regions, and Novosibirsk and Omsk Cities; there were also organized exhibition-presentation "Russia's Regions", National Ukraine Exhibition, presentation exposition of industrial enterprises, scientific and technical parks, and universities of Czech Republic.

Exhibitions:

- POMEXPO MODERN WORKS international specialized exhibition of equipment, instruments, and materials for production accessories of enterprises in main industry branches
- PROMENERGO international specialized exhibition of power and electro-technical equipment for industry
- ENERGY AND RESOURCE SAVING & ECOLOGY international specialized exhibition of energy and resource saving technologies, equipment, materials, and technologies of environmental protection in industry, energy, construction, city an housing-and-communal services
- SCIENCE AND INNOVATIONS international specialized exhibition of scientific-research and design developments, innovative projects for industry

Business program:

- International symposium «Technologies. Equipment. Quality»
- Foresight «Strategy of sustainable development: Energy efficiency and resource-saving»
- Conference-exhibition «PromIT-2015» on information technologies in the industry

Special projects:

- International contest of energy-efficient and resource-saving technologies and equipment
- Competition of welders of Belarus with international participation

More... http://www.expoforum.by/en/year 15/may/bpf en 15; http://www.tc.by/english/events/

20th Belarusina Energy and Ecology Forum, 13-16 October 2015, Minsk, Belarus

Ministry of Energy of the Republic of Belarus, ZAO "Technics and Communications", supported by other related state authorities and private companies, organizes in Minsk (Roofed Soccer Arena, prospect Pobeditelei 20/2) the 20th Belarusian Energy and Ecology Forum, which includes:

- 20th International Specialized Exhibition "Energy Expo 2015"
- 10th Specialized Exhibition "Water & Air Technologies 2015"
- 11th Specialized Exhibition "ExpoLight 2015"

Since it was first held in 1995 Energy Expo traditionally draws attention of leading international and domestic manufacturers of hardware, technologies and materials for the energy sector, environmental protection, energy saving and electrical engineering. Today the Exhibition is one of the largest of its kind in the CIS and the Baltic States.

The year 2014 witnessed participation over 320 companies from 15 countries of the world (Austria, Belarus, Germany, Italy, China, Lithuania, Poland, Russia, Turkey, Finland, France, Czech Republic, Switzerland, Sweden, Estonia), including the largest domestic manufacturing and engineering firms as well as a big number of their foreign counterparts interested in supplying products and technologies to Belarus.

More... www.tc.by or contact T: +375 17 3060606, F: +375 17 2033386, e-mail: energy@tc.by; Facebook; VKontakte.

A new tool to disseminate information on funding opportunities, open and upcoming calls, national and international events addressing energy efficiency, renewable energy and bioeconomy in the Danube Region

Please do not hesitate to send us your feedback at energy.bioeconomy@danube-inco.net. You can make use of this channel for disseminationg your energy-related information among the wide audience of Danube Region stakeholders. You are kindly invited to follow and get in touch with us via our social media as well: Facebook; Twitter; LinkedIn
More... please consult the Danube-INCO.NET portal.





http://www.no-gap.eu/

Info Flyer: download PDF in English

Contact: Steinbeis-Europa-Zentrum

Address: Erbprinzenstr. 4-12, 76133 Karlsruhe | Germany, fax: +49 721 9351920 Daniela Chiran: phone: 0049 721 93 51 91 32, chiran@steinbeis-europa.de

Dorothea Haas: phone: 0049 721 93 51 91 33, haas@steinbeis-europa.de

