

research, innovation, business creation





The Knowledge Transfer Community

Newsletter No 9 / 3-2015

#### Energy

## Green and Efficient Energy for Europe's Regions: the S3 Platform on Energy

The EC has officially launched the European Smart specialisation platform on energy, which will support regions, Member States in using Cohesion Policy funding more effectively for promoting sustainable energy. The Platform will help regions to share their expertise on sustainable energy investments, on the deployment of innovative low-carbon technologies. By supporting the optimal use of Cohesion Policy funds for sustainable energy projects, the Platform will contribute to the EU Energy Strategy. It will also aim to better align innovation activities in the field of energy at nationa/regional/local level with a view to setting up a joint strategic agenda on energy priorities. The platform will contribute to boosting economic growth in the regions by ensuring sustainable/competitive/secure energy supply.

More...Promoting-green-and-efficient-energy-for-Europe's-regions

#### EPO supports new platform on renewable energy innovation

Two million patents and 400 standards for renewable energy and carbon mitigation technologies now available from one easy-to-use platform.

More... Read more

#### ISGAN-GSGF Smart Grid Workshop, 14-15 September 2015, Lecco, Italy

The International Energy Agency's, International Smart Grid Action Network, Global Smart Grid Federation, in partnership with the European project ELECTRA, are organizing a international conference on the critical role of communications in Smart Energy systems. The conference brings together smart grids, smart energy, smart cities, communications actors, experts, stakeholders to discuss the policy, regulatory, legislative, technical challenges that must be addressed to leverage the full potential of communications for the expansion of smartness, flexibility in energy systems.

More...http://www.iea-isgan.org/?c=7&uid=2031; http://www.iea-isgan.org/?c=198/413; Francesca.delarderel@rse-web.it

## 31st EU PVSEC, Photovoltaic Solar Energy Conference & Exhibition, 14-18 September 2015, Hamburg, Germany

The EU PVSEC is the largest international Conference for Photovoltaic research, technologies & applications, a top international PV Industry Exhibitions. It gathers the global PV community to conduct business, to network and to present and discuss the latest developments and innovations in Photovoltaics. It is the world renowned science-to-science, business-to-business, science-to-industry platform with a full and only focus on the global PV Solar sector.

More...https://www.photovoltaic-conference.com/

#### EUROGIA2020 Workshop, Get your best ideas funded, 16 September 2015, Hamburg

EUROGIA is a bottom-up, industry driven, market oriented programme which addresses all areas of the energy mix, from renewable energy to efficiency, and reduction of carbon footprint of fossil fuels.

EUROGIA2020 joins the 31st EU PVSEC (European Photovoltaic Solar Energy Conference in Hamburg.

Public Authorities from the most active EUROGIA2020 countries will present the national funding programmes/answer your questions on the spot. This workshop will cover all the innovative energy technologies except nuclear.

**More...** For more information and registration.

## Seminar: How to use EU Funds for Renewable Energy Projects, Barcelona, 17-18 September 2015

The EIPA-seminar on EU Funds for Renewable Energy Projects, is designed to give participants not only a good insight in the EU's renewable energy policy, but also, and even more important, give them the tools to make use of it, based on real case examples. Experienced professionals will teach you how to write proposals for projects to be funded by the Directive, to successfully handle the intermediate and final phases of a project, and to learn about financial reporting.

More... <a href="http://seminars.eipa.eu/en/activities09/show/&tid=5794">http://seminars.eipa.eu/en/activities09/show/&tid=5794</a>

#### 8th PROMITHEAS Conference on Energy & Climate Change, 7-9 October 2015, Athens, Greece

The Conference, under the thema *Contributing to deep decarbonisation* aims to contribute in increasing the world momentum for developing, implementing converging deep decarbonization pathways in the content of the forthcoming COP 21 in Paris late this December 2015.

Accepted abstracts are uploaded at: <a href="http://www.promitheasnet.kepa.uoa.gr">http://www.promitheasnet.kepa.uoa.gr</a>

More... 8th-International-Scientific-Conference-on-energy-and-climate-change; promitheas@kepa.uoa.gr

## Conference on CO<sub>2</sub> as Feedstock for Fuels, Chemistry & Polymers, 29-30 September 2015, Essen, Germany

Our goal is to connect more than 200 participants from the leading industrial and academic players in CO<sub>2</sub> utilization that are expected to attend the conference and to share their recent success stories, as well as new ideas and products in implementation. We hope also you will be part of this opportunity to get in touch with this innovative and active network.

More... http://co2-chemistry.eu/home

#### Sustainable Nuclear Energy Conference, 12-14 April 2016, Nottingham, UK

The conference will look at the nuclear cycle from cradle to grave with a focus on current reactor systems, future systems and fuels, advanced fuel cycles and the new challenges of decommissioning and waste management. Call for papers under the following broad themes:

he growing popularity of solar energy, optimum solar energy locations are becoming rarer. Shade is, or rather was, an important cause of loss of efficiency.

More... http://www.icheme.org/snec2016

## Global Energy and Climate Outlook. Road to Paris. Assessment of Low Emission Levels

The report presents the modelling work quoted in the EC communication "The Paris Protocol, a blueprint for tackling global climate change beyond 2020, in the EU's Energy Union package. It examines the effects of a Baseline scenario where current trends continue beyond 2020, of a Global Mitigation scenario in line with keeping global warming below 2°C. The analysis uses the models in a framework where economic welfare is maximised while tackling climate change.

More... Global-energy-and-climate-outlook-road-paris-assessment-low-emission-levels

#### Renewable Energy - European Progress Report

Presented on 16 June, the EC's renewable energy progress report reveals that 25 EU countries are expected to meet their 2013/2014 interim renewable energy targets. In 2014, the projected share of renewable energy in the gross final energy consumption is 15.3%. Findings from the report in 2015 include:

- 1. 25 EU countries are expected to meet their 2013/2014 interim renewable energy targets; In 2014, the projected share of renewable energy in the gross final energy consumption is 15.3%;
- 2. The EU's 2020 renewables target has resulted in around 326 Mt of avoided CO2 emissions in 2012, rising to 388 Mt in 2013;
- 3. It has also led to a reduction in the EU's demand for fossil fuels to the tune of 116 Mtoe (2013);
- 4. The 2014 projected share of renewable energy in transport is 5.7% meaning that achieving the target will be challenging but feasible, with some EU countries making good progress.

More... Status-of-renewables/global-status-report

## Data tools supporting improved energy performance of buildings: Evolution and perspectives

The evolution of data tools that are used to improve the energy performance of buildings follows the broader development of data management and processing, a field which has expanded rapidly in recent years.

This article reviews the various types of software applications currently available.

More... Data-tools-for-the-improvement-of-energy-performance-of-buildings

#### A new generation of technologies for the capture and sequestration of CO<sub>2</sub> is on its way

Capture & sequestration of CO<sub>2</sub>, new technologies for a low-carbon future. Innovative, more efficient & low-cost technologies, able to capture over 90% of CO<sub>2</sub> emissions, based on the use of non - polluting, inexpensive substances. **More...** A-new-generation-of-technologies-for-the-capture-and-sequestration-of-co2-is-on-its-way

#### Calls

#### ITEA 3 Call 2, Deadline: October 30, 2015

The ITEA label is endorsed by all EUREKA Member Countries.

Once a year, ITEA offers the opportunity to submit research project proposals that fit in the domain of software-intensive systems and services. For this purpose, a Call is organised each year starting with a two-day brokerage event. In a two-stage procedure, the quality of the project proposal is evaluated and improved, finally leading to a selection of high quality project proposals that receive the official ITEA label. The ITEA label provides project partners with the possibility of applying for public funding from their national authorities. Two-stage Call process

- 1. **Producing a <u>Project Outline (PO)</u>:** This PO gives a short overview of a project, describe the project goals, innovation, targeted business impact, consortium. Project Outlines, positively evaluated are invited for the 2<sup>nd</sup> stage;
- 2. **Producing a** Full Project Proposal (FPP): This FPP describes the project plan and how the project will be executed and managed. Approved FPPs will receive the ITEA label.

The public authorities are fully involved in the evaluation and labelling of projects. After labelling, partners can apply for <u>funding</u> through their national public authorities.

More... https://itea3.org/call-process.html

## Call for proposals: Innovative mobile e-government applications by SMEs . Deadline: 16 December 2015

The scope of the call is to provide support to innovative SMEs, including start-ups, for the design, creation of innovative applications, in order to foster the delivery of mobile public services. Specific Challenge: Current societal & economic challenges as well as rising expectations to reduce the burden on users, put pressure on all public administrations to provide efficient, open and citizen-centric public services.

More... Innovative-mobile-e-government-applications-by-SMEs'

#### H2020 backs 8 new energy efficiency with multimillion euro funding

The European Commission has announced the details of eight new energy efficiency projects that have won €18m in funding from Horizon 2020. According to the EU institution, the projects aim to 'facilitate the implementation of nearly-zero energy buildings; enhancing public

More... http://horizon2020projects.com/sc-energy/h2020-backs-energy-efficiency-with-multimillion-euro-funding/

# **EUREKA programme. Calls for proposals**

**EUREKA** is an intergovernmental organisation for market-driven industrial R&D. It is a decentralised network facilitating the coordination of national funding on innovation aiming to boost the productivity & competitiveness of EU industries. The network integrates over 40 pan-European economies, but also includes Israel, South Korea, and Canada. Following a bottom-up approach with projects being in any technological area, including energy, renewable energy, green buildings, with a civilian purpose, **EUREKA** has been the driving force of innovation in Europe for over 30 years.

More... Read more

Call for Eurostars-2 projects. Deadline: 17-Sep-2015

Eurostars is a joint programme supporting R&D performing small and medium sized enterprises (SMEs). Eurostars has been carefully developed to meet the... Eurostars2-application-system-deadline-17-september-2015

EUROGIA 2020 Call for Projects. Deadline: 25-Sep-2015

EUROGIA2020 call for project purpose is to foster multidisciplinary, innovative, RD&D programmes to build and develop the future energy mix. Do you want to...

EURIPIDES<sup>2</sup> call for projects. Deadline: 27-Sep-2015

Do you want to work with partners beyond national borders, developing new products or working on pre-competitive R&D? Do you want to access new markets,...

France - Korea Call for Proposals for Joint R&D Pro jects. Deadline: 17-Sep-2015

France and Korea opened a Call for Proposals for joint R&D projects, focusing on developing innovative products and applications in all technological and...

Denmark Korea - call for projects. Deadline: 17-Sep-2015

Korea and Denmark are announcing a Call for Proposals for joint R&D projects within the Eurostars programme . The call is focusing on developing innovative...

Denmark - Turkey Call for projects. Deadline: 17-Sep-2015

Turkey and Denmark are announcing a Call for Proposalsfor joint R&D projects within the Eurostars programme. The call is focusing on developing innovative...

Spain - Turkey Call for projects. Deadline: 27-Sep-2015

Within the cooperation practices existing between Turkey and Spain in the fields of industrial and technological research and development in the framework of...

#### Secure, Clean and Efficient Energy

The Energy Challenge is structured around seven specific objectives and research areas:

- Reducing energy consumption and carbon footprint
- Low-cost, low-carbon electricity supply
- Alternative fuels and mobile energy sources
- A single, smart European electricity grid
- New knowledge and technologies
- Robust decision making and public engagement
- Market uptake of energy and ICT innovation.

A budget of €5 931 million has been allocated to non-nuclear energy research for the period 2014-2020. Out of this figure, more than €200 million is earmarked to support European Institute of Innovation and Technology activities, subject to a mid-term review.

More... http://ec.europa.eu/programmes/horizon2020/en/h2020-section/Secure-Clean-and-Efficient-Energy

#### Call for Integrating Society in Science and Innovation

The EC has launched a call for proposals with the aim of fostering the sharing of *Science With and For Society* experience & know-how in EU & beyond. Activities under this call shall include the launch of a Knowledge Sharing Platform to create more effective research & innovation policy support tools in the field of Responsible Research & Innovation. The platform shall work as a provider of RRI assessment, good practice function. The deadline is 16.09.2015. More... http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2420-issi-3-2015.html

## FET Funding Opportunities - FET Open funding opportunities for Research projects

Under Horizon 2020, FET Open continues its mission to support early-stage joint science and technology research around new ideas for radically new future technologies, in all technological areas.

More... Read more...

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



## EU PVSEC, European PV Solar Energy Conference and Exhibition, 14-18 September 2015, Hamburg, Germany

The EU PVSEC is the largest international Conference for Photovoltaic research, technologies & applications, a top international PV Industry Exhibitions. It gathers the global PV community to conduct business, to network and to present and discuss the latest developments and innovations in Photovoltaics. It is the world renowned science-to-science, business-to-business and science-to-industry platform with a full and only focus on the global PV Solar sector.

#### Brokerage event on KET in Horizon 2020, 1 October 2015, Strasbourg

The objectives is to present the EU's new NMBP Work Programme 2016-2017 of the Horizon 2020, to prepare future cooperations between participants. The corresponding calls for proposals will most likely be published in the third quarter of this year, for submission of proposals in early 2016.

Participants will have the opportunity to present their own project concepts, to meet representatives from companies/SMEs, universities, research organisations in order to exchange ideas during pre-arranged meetings.

More... https://www.b2match.eu/kets2016

## 3<sup>rd</sup> Brokerage event, KIC Inno - Energy from Chemical Fuels, Frankfurt, 5-6 October 2015

This year the conference will focus on collaborative approaches and ideas for how to advance some of the EU's greatest sustainable energy challenges and opportunities. The key topics of the conference will include:

- 1. Power to Gas/Liquids
- 2. Alternative Waste Utilisation
- 3. Future Challenges and Opportunities for a De-central Energy System
- 4. Biomass to Gas/Liquids

More... http://www.kic-innoenergy.com/event/energy-from-chemical-fuels-2015/.

# B2B event in the framework of the Geothermal Energy Conference, 8-9 October 2015, Budapest, Hungary

The Mayors' Geothermal Club (MGC) aims to facilitate synergies and cooperation between the key stakeholders of the European geothermal market with special attention to municipalities with deep geothermal potentials. The MGC will be officially launched on 8 October 2015 within the framework of an inaugural conference in Budapest, Hungary.

A b2b event are organized, an ideal opportunity to initiate promising contacts in pre-arranged meetings.

More... https://www.b2match.eu/mayors-geothermal-club

## B2B brokerage event in the frame of the 5<sup>th</sup> European Congress of SMEs, 13 October 2015, Katowice, Poland

The EU Congress of SMEs has made a permanent mark in the calendar of economic events in Poland, proving that development of SME sector should be one of the most important issue in the economic debate. This year the congress will focused on Science-Business-Self-Government, Together for Economy?

More... http://ekmsp.eu/en/

## Brokerage Event in the field of Energy Technologies, 16 September 2015, Brussels, Belgium

This Brokerage Event will be organised in conjunction with the Horizon 2020 Energy Infodays 2015 of the EC!

Present your innovative ideas/technologies and call the attention of cooperation partners!

Meet prospective cooperation partners in a SINGLE day - reduce the amount of time and money for finding new partners More... https://www.b2match.eu/energycall2016

## 2<sup>nd</sup> PlugBoat World Electric & Hybrid Boat Summit, 30 September - 2 October 2015, Amsterdam

PlugBoat, as the World Electric & Hybrid Boat Summit, aims at providing a premier & high quality global platform to foster exchange of views and development of synergies between players in the field of electric & hybrid boats for coastal & inland water transportation as well as leisure.

More... http://www.plugboat.com/

## 4th Forum for the Danube Strategy, 27-28 October 2015, Ulm, Germany

Under the title "Smart, social, sustainable - Innovation for the Danube Region", the forum will put a strong emphasis on topics such as innovation, professional training, dual education, entrepreneurship, civil society as key factors for a sustainable & integrative growth in the Danube Region.

More... http://www.danube-region.eu/communication/news/616516-4th-annual-forum-of-the-eusdr-save-the-date

## 8th Energy + Efficiency Fair and Conferences, 18-20 November 2015, Bucharest

Romania was one of the most promising emerging markets for photovoltaic energy investments in 2013 amongst SEE countries according to Romanian Photovoltaic Market: Outlook 2014-2015. With the introduction of support mechanisms in the law in 2008 and the subsequent amendaments in 2010, 2011-2012 of more than 30 fold in 2013. The country had cumulative solar PV photovoltaic installed capacity of only 29 MWp/2012, and exceeded 1,000 MWp 1 GWp/2013.

More... http://www.renexpo-bucharest.com/start

## World Future Energy Summit 2016, 18-21 January 2016, Adnec, Abu Dhabi

Global leaders in energy efficiency are coming to WFES. It's where the world comes together to stimulate investment and growth in energy efficiency? and your business needs to be there. As 12 of the 17 countries in the Arab region put national energy efficiency action plans, targets in place, now is the time to position your energy business for the future.

More... http://www.worldfutureenergysummit.com/

# **Technology Offers; Technology Request; Expression of Interest**

#### **Technology Offer**

A German company is looking for investors for realising projects on deep-seated geothermal energy plants Low cost flywheel energy storage system

A novel device combining solar and wind energy generation: Artificial trees

Integrated systems of comprehensive energy management at the University

Germany Italy UK

Ukraine

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 Eco-responsible hydrokinetic solution for fluvial and wave energy France Development of algorithms applied to building energy efficiency through intelligent data analysis. Spain Review and assessment of a model - local and regional energy planning tool Slovakia Converting surplus wind energy for heating. Russia Innovative solar hybrid water system Macedonia A unique cloud based software for smart metering and remote monitoring of energy consumption at buildings Turkey Energy monitoring system for industrial applications Estonia Compact solar and pellet module for apartment buildings Latvia Wind Turbine Romania

## **Technology Request**

Searching for technologies and/or services related to renewable energy and energy efficiency in buildings Spain Looking for long term energy storage technologies for solar thermal energy Belaium Netherlands Multi-tenant solar power solution for proportionate distribution Development of power flow control in renewable energy power conversion systems using saturable tech... Italy R&D partners for further development of a portable solar energy-on-the-go pack for disaster recovery. Israel Ireland Wave energy converter Device for absorbing kinetic energy / safety belt sytems Poland Terrace/carport canopy with variable and adjustable photovoltaic lamella sought Austria Passive houses construction partners needed Macedonia Utilization of electricity arising from the piezoelectric effect Latvia Micro hydro turbine using final effluent cascade from wastewater treatment works. IJK New kind of solar concentrator for solar heat industrial process - industrial testers are sought. France Technology for production of thermo-insulating tiles from mineral mixtures Slovakia Seeking technology for adding value to wood ash Romania

# **Expression of Interest**

H2020-GV-8. Transport Fast Charging Equipment for Electric Vehicles Spain H2020-FTIPilot-2015: Establishment of the energy self-sufficient modular house settlements Slovenia Eurostars2 project for recovery of cooling energy from cryogenic liquid tanks seeks partner Germany FCH.2.3.2015: Manufacturers, producers, researchers are sought for Fuel Cell & Hydrogen Joint Turkey H2020 partner sought for proposal submission under the topic GV-8-2015-Enhancing the performance of... Greece H2020 - FTI1 - Pilot: partners sought in herb drying/food end users to develop new technology to dry... France Estonian SME is looking for partners for H2020 SME Instrument Phase II Estonia Public body sought as a partner for a H2020 project on seismic shields - topic DRS 13-Critical infrastructure Italy Coordinator sought for H2020-Real-time seismic monitoring platform for densely-populated areas Romania

#### Research & Innovation

## Secure, Clean and Efficient Energy Info Day, 14-15 September, Brussels

Registration for the info day is compulsory and free of charge. The Work Programme will be introduced on 14 September, whereas in-depth sessions on various calls of the Work Programme will be held on 15 September. A separate <u>Brokerage</u> Event in the field of Energy Technologies will be organised on 16 September.

The event targets potential applicants to the calls for project proposals under the H2020 challenge <a href="Secure-Clean-and-Efficient-Energy">Secure-Clean-and-Efficient-Energy</a>. Presentations will cover the Work Programme for 2016-2017 and the application procedure, as well as detailed information on the calls. Participants will have numerous networking opportunities throughout both days of the event. Please register separately for the brokerage event on 16 September: <a href="https://www.b2match.eu/energycall2016">https://www.b2match.eu/energycall2016</a>
<a href="More...">More...</a> <a href="https://scic.ec.europa.eu/fmi/ezreg/ENERGYINEA2015/start">https://scic.ec.europa.eu/fmi/ezreg/ENERGYINEA2015/start</a>

#### Information Day on 2016 calls for proposals, 21 September 2015, Brussels

The EC is organising an Info Day to present the 2016 work programme of Horizon 2020's Societal Challenge "Climate Action, Environment, Energy, Resource Efficiency and Raw Materials" as well as related call topics in the "Industry 2020 in the Circular Economy" and "Smart & Sustainable Cities" focus areas. The morning plenary session will focus on the general strategy behind the new work programme also providing guidance on the preparation of proposals. During the afternoon sessions participants will then have plenty of opportunities to network, find project partners.

All sessions will be web-streamed and you are welcome to submit your questions via Twitter under #H2020SC5.

More... Draft agenda & registration

# Info-Day. Complying with article 32 of the multi-beneficiary grant agreement under H2020, 8 Oct. 2015, Brussels

This event addresses all beneficiaries and potential applicants of H2020 contracts/projects who need to comply with article 32 stipulating the obligation to take measures to implement the <u>European Charter and Code</u> (C & C).

The purpose of the event is to fully inform 'newcomers' (research institutions and funders) on the <u>principles of Charter and Code</u> and their implementation in the research institution via a step-wise procedure called the <u>Human Resources</u> Strategy for Researchers (HRS4R). Successful implementation is awarded by the Commission Services.

More... http://www.cvent.com/events/info-day-hrs4r/event-summary-25d61b1294df43ae95321ed31616d77a.aspx

#### ICT 2015 event, Innovate, Connect, Transform, 20-22 October 2015, Lisbon, Portugal

The registration for ICT 2015 is free and gives you access for the 3 days to:

- 1. The political Conference-ict-2015, to all plenaries and thematic parallel sessions;
- 2. The Exhibition-ict-2015 of the best and most innovative European projects and applications in ICT R&I;
- 3. <u>ICT-2015-Networking</u> opportunities; sessions, Face2Face meetings, booths, cosy corners to sit and meet.
- 4. Connect-ICT-2015 Startups & innovation forum measures for supporting innovative firms in H2020
- 5. Get in contact with Students-young-researchers-and-innovators-ICT-2015.

Register for ICT 2015 to have the opportunity to follow debates and obtain information about funding opportunities, the EC's initiatives regarding R&I in ICT and <a href="http://ec.europa.eu/programmes/horizon2020/">http://ec.europa.eu/programmes/horizon2020/</a>.

More... <a href="https://ec.europa.eu/digital-agenda/en/ict2015">https://ec.europa.eu/digital-agenda/en/ict2015</a>

#### 5th World Sustainability Forum (WSF 5), 7-9 September 2015, Basel, Switzerland

The World Sustainability Forum (WSF) is a platform for researchers to present and engage with research-relevant stakeholders on issues relating to sustainability.

More... http://ec.europa.eu/research/index.cfm?pg=events&eventcode=AF5C9D31-EE7D-8667-7AAEAA41D30FCEB4

# Video tutorial: Reporting Progress Descriptions for Work packages and Tasks in a Horizon 2020 project Participating as a partner in a H2020 project on EMDESK?

This tutorial will show you how you can report the progress you've made on the work packages and tasks in the Progress Description area. To help you get started, optimise your work and learn how to use EMDESK, we have complemented our webinar page with this further new video tutorials.

More... Visit webinar page

## Planning a Horizon 2020 or similar project?

Stop wasting precious time and try our free EMDESK Proposal Preparation. Proposal development is free: unlimited project proposals & unlimited users for as long as needed. Additionally, for every proposal you get a 30 day free trial of our Proposal Pro version in order to test our wide range of collaboration tools and unlimited support.

More... Get started with EMDESK

#### 23<sup>rd</sup> International Symposium on Power Electronics & Electrical Drives, 22-24 June 2016, Capri Island, Italy

Power electronics, electrical drives are more & more permeating industrial applications and their automation, systems for distributed electric generation, propulsion systems for road, railways, marine, other kinds of vehicles, on-board apparatuses for main or ancillary services, energy storage systems, robotics, household appliances, so on. Integration of technologies, smarter components, systems are some of the most relevant trends of the last years.

More... SPEEDAM website; the "Call for Papers" here; Speedam 2016 Registration Website

#### FREE edition of the Practical Guide to European funding Opportunities 2014-2020

With a clear-cut thematic structure, this easy-to-read and practical tool allows to find information about the programme goals, partnerships and budget at a glance. The previous 2014 edition of the guide, downloaded in thousands of copies has been enriched with new updates about the available EU funds.

After a short introduction about the programme, priorities, the type of EU contributions available, each section provides useful links to the official documents, avoiding the risk of getting lost in the maze of information on EU programmes.

More... Practical-Guide-to-european-funding-opportunities-2014-2020

#### Support to SMEs and entrepreneurs

## Your Europe Business

Only 25% of European SMEs export to another country. This means that many SMEs are missing out on opportunities offered by the <u>Single Market</u>. Your Europe Business is a portal offering help to businesses, entrepreneurs who want to expand their activities to other countries. It provides information on EU rules, links them to national rules, authorities, helpdesks, support services. The Portal helps boost <u>competitiveness</u>, growth, facilitates SMEs' <u>access to markets</u>. Visit <u>Your Europe Business portal</u> and learn more about rules and opportunities for doing business on the market.

## The European Small Business Portal

The Small Business Portal gathers all the material provided by the EU about and for SMEs. Small companies and entrepreneurs can find information about <u>access to finance</u>, <u>access to markets</u>, and policy related to SMEs on the portal. Visit the <u>Small Business Portal website</u> and learn more.

## The SME Internationalisation portal

On the <u>SME Internationalisation portal</u>, entrepreneurs and small companies can easily access information on (semi)public support service providers in the EU and on international markets. These service providers help EU-based SMEs extend their business to markets outside the EU. **The portal provides:** 

- a database of support services that can help you start doing business in the country you are targeting;
- **links** to other EU-backed sources of help and advice.

Visit the portal to learn more about support when expanding your business abroad.

#### The Connecting Europe Facility (CEF)

The Connecting Europe Facility (CEF) aims to prepare, implement projects of common interest within the framework of the trans-European networks policy in the sectors of energy, transport, telecommunications. Read more »

#### European Institute of Innovation and Technology

The (EIT is a key driver of sustainable EU economic growth, competitiveness. It works to reinforce the innovation capacity of the European Union and its Member States in order to address grand challenges facing EU society. Read more »

#### How to get a European patent, Guide for applicants

The "Guide for applicants" has been designed to provide inventors, companies, their representatives with an outline of the procedure involved in applying for a EU patent offering practical advice to smooth the way through the various stages. More... http://www.epo.org/applying/european/Guide-for-applicants.html

## Renewables 2015 Global Status Report

Find out what made 2014 another record year for renewables. First released in 2005, REN21's Renewables Global Status Report (GSR) provides a comprehensive and timely overview of renewable energy market, industry, investment and policy developments worldwide. It enables policymakers, industry, investors and civil society to make informed decisions. The Renewables Global Status Report relies on up-to-date renewable energy data, provided by an international network of more than 500 contributors, researchers, and authors.

More... Global-Status-of-renewables-report

## The insider's guide to Horizon 2020 with expert funding tips to help increase your odds of success

To succeed at Horizon 2020, you need a good road map? not just for the fundamentals of applying for grants, but to the many policy and political nuances you need to know. This unofficial insider?s guide provides expert funding tips that will help increase your odds of success. Among the essential-to-know topics we cover are:

8.

- Overview of key statistics for Horizon 2020: the latest from the Commission 1.
- Reading between the (budget) lines 2.
- Decoding the call documents 6.
- 3. Reading the tea leaves: the 2016-17 work
- 7. The evaluation summary reports Why impact criterion matter
- The SME instrument: tips & tricks for greater success
- 5. Reasons behind the initial low success rates

More... http://sciencebusiness.net/horizon2020/theinsidersquide/#sthash.rYofw0sX.dpuf

# The LaunchPad: bridge the gap between innovation and explosive growth

The LaunchPad has been created in 2012 with the aim to find better ways to translate innovation in successful products and services. The LauchPad offers solutions to validate hypotheses, testing for value and accelerating time to market through a set of tools such as a Technology Platform, a hub for collaborating on Lean initiatives and keep track of the progress toward product-market fit: Immersion Programs, customized workshops to rethink how to bring ideas to market and Advisory Services to adapt Lean innovation to one?s business priorities.

More... https://www.launchpadcentral.com/

## Financing SMEs and Entrepreneurs 2015: an OECD Scoreboard

This is the 4<sup>th</sup> edition of a report aiming at providing a comprehensive framework for policy makers and other stakeholders to evaluate the financing needs of SMEs. It monitors SMEs and Entrepreneurs access to finance in 34 countries over the period 2007-2013. The publication includes indicators of debt, equity, asset-based finance and framework conditions for SMEs and entrepreneurship finance. The report shows the persistence of the problems related to the economic crisis and confirms that access to finance remains an issue in many countries.

More... http://www.oecd.org/cfe/smes/financing-smes-and-entrepreneurs-23065265.htm

# **Innovation Union Scoreboard 2015**

The European Innovation Scoreboards provide a comparative assessment of research and innovation performance in Europe. The scoreboards help countries and regions identify the areas they need to address. Compared to 2014, innovation performance has increased in 15 EU countries, while it declined in 13 others.

More...http://ec.europa.eu/growth/industry/innovation/facts-figures/scoreboards/index en.htm?nl id=1041

# Roadshow: Guidelines for Examination, September - December 2015

Featuring EPO lawyers and examiners along with senior European patent attorneys, this roadshow around Europe is aimed at professional representatives interested in the impact of the amendments in the new ?Guidelines for Examination?, procedural changes. Places are still available at the following dates:

Paris, France: 12 October 1.

Istanbul, Turkey: 14 November 3.

Madrid, Spain: 20 October

Milan, Italy: 1 December

More... http://www.epo.org/learning-events/events/search/details.html?id=13172

## Seminar on business use of patent information, 21-23 September 2015, the EPO, Vienna, Austria

This 3-day seminar will show participants how patent intelligence can help companies and institutions to systematically evaluate patent data, gather relevant information and increase competitiveness.

More... Find out more and register

#### Seminar on patent searching, 5-9 October 2015, the EPO, Vienna, Austria

This 5-day seminar is aimed at new and future users of patent information. Participants will receive a thorough grounding in the patent system - and in patent searching in particular - and will practice searching with the various EPO patent information products.

More... Find out more and register

#### 10th Regional Innovation Policies Conference, 14-16 October 2015, Strasbourg / Karlsruhe

The Karlsruhe Institute of Technology together with the Fraunhofer Institute for Systems and Innovation Research, and the Bureau d'Economie Théorique et Appliquée BETA at the Université de Strasbourg cordially invite you to attend the Conference. On October 14, we organize a pre-conference doctoral day to offer doctoral students the possibility to present and discuss their theses. This day will take place on the Campus of the Université de Strasbourg.

More... http://www.rip2015.de/

#### Conference for patent law professionals, EPO Munich, 26-27 November 2015

The "Boards of appeal and key decisions" conference gives a unique insight into the EPO's case law practice. Many hundreds of participants have already made use of the opportunity to ask questions, raise concerns, define their position on specific issues. The programme includes a number of question-and-answer sessions as well as a panel discussion with members of the EPO boards of appel.

More... https://www.epo.org/learning-events/events/conferences/boa2015.html

#### Escaping the money trap: New ideas foe financing SMEs, 29 September 2015, Bruxelles

This conference will discuss the best ways to boost SME financing. Improving access to finance for SMEs, and more specifically initial investment and the ongoing injection of equity, is essential if an SME is to tap into its growth and innovation potential. However, a large number of SMEs in the EU face an equity gap; when their initial funds have been exhausted, entrepreneurs have to obtain external finance to develop their project.

More... http://sciencebusiness.net/events/2015/escaping-the-money-trap-new-ideas-for-financing-smes/

# Innovating for growth: Launching the new Barcelona Declaration, 20 November 2015, Barcelona

Every year since 2008, the Science|Business Annual Summit brings together leaders from academia, industry and policy to debate how to best unleash Europe?s technological potential and stimulate innovation in Europe. In the 2015 edition, economists, investors and top level representatives from universities, multinationals, SMEs and government entities will discuss the best ?innovation vehicles? to boost growth in EU. We will release the new Barcelona declaration.

More... http://www.sciencebusiness.net/Eventsarchive/innovationconnection/Default.aspx

#### Clusters & SMEs

# **DOROTHY Clusters - Delivering a better quality of life in European cities**

DOROTHY is a Newtork of four research-driven clusters in Florence - Italy, Valencia - Spain, Lisbon - Portugal and Craiova - Romania that activate on mobility and urban logistics field.

It is estimated that city logistics could reach 4 % of the total cost of transportation in the EU, which is particularly significant in the ever-growing need to reduce adverse energy and environmental impacts. The DOROTHY project develop the potential of innovation and research in urban logistics across four European regions.

Urban logistics refer to local deliveries comprising small loads which are usually carried out with a high frequency. Using funding from the EU's FP7 Regions of Knowledge programme, the DOROTHY project's goal is to enhance the distribution process of urban goods. By reducing the number of vehicles and enhancing environmental standards, the project will help to improve the quality of life in European cities.

More... www.clusterdorothy.com

# EU-ASEAN Cluster Matchmaking Event, 29-30 September 2015, Milan, Italy

The aim is to foster cooperation between clusters from Europe and ASEAN (Association of Southeast Asian Nations) countries. The Cluster Matchmaking Event will represent a unique opportunity for representatives of cluster organisations interested in collaboration with ASEAN countries to explore possible common areas of interest for cooperation in terms of sectoral, value chain, market focus of their SMEs / companies with a large panel of European & international clusters. On 30<sup>th</sup> June, in parallel to the cluster-to-cluster matchmaking event, specific one-to-one business matchmaking meetings for SMEs will take place.

More... https://www.b2match.eu/expo2015-eu-aseandays; c.vidaud@inno-group.com; m.pattinson@inno-group.com

#### **COSME Programme**

COSME is the EU programme for the Competitiveness of Enterprises and Small and Medium-sized Enterprises (SMEs) running from 2014 to 2020 with a planned budget of €2.3bn. COSME will support SMEs in the following area:

- 1. <u>Improving access to finance for SMEs in the form of equity and debt</u>
- 2. Improving access to markets
- 3. Improving framework conditions for the competitiveness and sustainability of Union enterprises
- 4. Promoting entrepreneurship and entrepreneurial culture

More... Cosme/calls-for-proposals

#### **EUREKA Clusters**

Initiated by European industry, EUREKA Clusters are long-term and strategically significant initiatives that develop technologies of key importance for European competitiveness. Addressing the needs of both large companies and SMEs, they are the engine for industrial innovation and economic growth.

Clusters catalyse the generation of innovative, industry-driven, near to the market and pre-competitive R&D projects in their respective domains. Through their industrial representation, EUREKA Clusters have a prominent and active role to play in bringing innovation to the market. Cluster news:

- Smart City presented to 600 foreign trade advisors at annual symposium [more...]
- Celtic-Plus' SASER project breaks data transmission record [more...]

- Metallurgy Europe Cluster receives definitive EUREKA label [more...]
- PENTA: the new EUREKA Cluster for micro & nano-technologies & applications. First Call early 2016

**More...** http://www.eurekanetwork.org/content/eureka-clusters

## EUROGIA2020-Cluster workshop, September 16, 2015, Hamburg, Germany

EUROGIA, the EUREKA Cluster for low carbon energy technologies, joins the 31<sup>st</sup> European PV Solar Energy Conference and Exhibition with a special workshop. This workshop will bring together public and private sectors to help get your best energy technology ideas funded.

Public Authorities from the most active EUROGIA2020 countries will present the national funding programmes and answer your questions on the spot. You can find suitable partners through our brokerage event and turn your project idea into a transnational collaboration.

In addition to PV Solar, this workshop will cover all the innovative energy technologies except nuclear.

More... nilatmaca@eurogia.com; https://groups.yahoo.com/neo/groups/ro\_energie/attachments/134364959

## ITEA Project Outline (PO) Preparation Days, 22-23 September 2015, Brussels

On 22 September, the ITEA 3 Call 2 for project proposals will be launched in conjunction with the ITEA Project Outline (PO) Preparation Days. ITEA is the EUREKA Cluster programme supporting innovative, industry-driven, pre-competitive R&D projects in the area of Software-intensive Systems & Services (SiSS).

SiSS are a key driver of innovation in Europe's most competitive industries. The event is a stepping stone for many to start preparing a PO. A set of networking tools was created to support you in making a flying start!

More... https://itea3.org/podays2015/index.html; https://itea3.org/podays2015/getting-started-1.html

#### ARTEMIS Technology Conference 2015, 6-7 October 2015, Turin, Italy

ARTEMIS Industry Association is the association for actors in Embedded & Cyber-Physical Systems within Europe. As private partner, the association represents its members - industry, SMEs, universities and research institutes.

This Conference will provide a deep technological insight on specific Cyber-Physical System themes, both from project achievements and on state-of-the-art technology. The concept of this Conference is several parallel technical workshops per day, each built around the following themes based on future challenges for CPS:

- 1. CPS for Smart Production & industrial automation
- 2. CPS for Smart Mobility and autonomous driving
- 3. Revisit the ARTEMIS Reference Platform concept
- 4. Future CPS industrial research challenges

More... info@artemis-ia.eu; http://www.artemis-ia.eu; Phone: +31 880 036 188

#### Cluster Excellence Programme

This Call for proposals is the first action in the framework of the Cluster Excellence Programme to be supported under COSME, and aimed to promote cluster excellence across the EU for the benefit of European SMEs involved in clusters. The present action will assist cluster organisations, business networks and their managers to provide high quality services to SMEs in different areas, including access to foreign markets.

More... http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/cosme/topics/18094-cosme-12-2015.html

## Cluster Academy 2015, November 24-27, 2015, Linz, Austria

Upper Austria perceived as a truly successful model of a "cluster region", shares its expertise in cluster management operations. This interactive training week covers the areas of change management, how to identify and apply megatrends to the needs of your region, leadership skills, knowledge management, how to compile your cluster's services, internationalization, financial mix of cluster initiatives, evaluation & measuring success of cluster initiatives.

Extensive interactive formats of participation are offered; workshops, field reports, and presentations are being designed. A visit to <u>Rosenbauer</u> one of the world's leading manufacturers of firefighting equipment for fire & emergency services.

More... To apply for the Cluster Academy 2015, please click here.

#### ECCP platform, the leading web platform for european clusters

This platform provides online quality information and networking support for clusters (organisations and members) aiming to improve their performance and increase their competitiveness through the stimulation of trans-national and international cooperation.

This brand new online portal rich in features and information has been developed aiming to build communication bridges between cluster players from the same or a different sector.

The ultimate goal is to facilitate cluster cooperation, both between cluster organisations, as well as between cluster members (i.e. companies, R&D institutions, other players). You can register your cluster organisation on the platform.

More... http://www.clustercollaboration.eu; support@clustercollaboration.eu

#### Cluster collaboration & business support tools to facilitate entrepreneurship, cross-sectoral collaboration

The European Cluster Observatory is a single access point for statistical information, analysis and mapping of clusters and cluster policy in Europe that is foremost aimed at European, national, regional and local policy-makers as well as cluster managers and representatives of SME intermediaries.

It is an initiative of the SMEs: Clusters & Emerging Industries unit of the EC's Enterprise & Industry Directorate-General that aims at promoting the development of more world-class clusters in Europe, notably with a view to fostering competitiveness and entrepreneurship in emerging industries and facilitating SMEs access to clusters and internationalisation activities through clusters.

More... the Guide... http://ec.europa.eu/enterprise/initiatives/cluster/observatory/2014-10-10-eco-report-d4.1.pdf

## TED - Tenders Electronic Daily dedicated to European public procurement

TED provides free access to business opportunities. TED Tenders Electronic Daily is the online version of the 'Supplement to the Official Journal of the EU, dedicated to European public procurement. How can I benefit from TED? Information about every procurement document is published in the 24 official EU languages.

More... http://ted.europa.eu/TED/main/HomePage.do

## **Cooperation between the EU and the Eastern Partnership Countries**

#### NoGAP Transfer Week II - Belarus and Germany, 16-18 June 2015, Frankfurt am Main and Karlsruhe

The organizers of the event - the <u>Steinbeis-Europa-Zentrum (SEZ)</u> and the <u>Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)</u> with the support of <u>RCTT</u> and other partners of the project NoGAP. Among the organizers 3 contact points of the Enterprise Europe Network (EEN) - SEZ, RCTT and Technical University of Clui-Napoca, Romania.

The agenda of the Transfer Week II was included:

- The 2<sup>nd</sup> NoGAP Brokerage Event in Frankfurt am Main on 16 June
- Meetings with Mr. Robert Gohla, Senior Project Manager at the SEZ, Karlsruhe on 17 and 18 June.
- Meeting with Ms. Angelika Meier, Director, Steinbeis-Transferzentrum Marketing und Finanzierung, Niedernberg on 17 June.
- Meeting with Dr. Ulrich Sutter, IPR specialist, <u>Eberspächer catem GmbH & Co. KG</u>, Karlsruhe on 18 June.
- Visit of <u>Daimler AG Production Rastatt Plant</u> on 18 June.

The NoGAP Brokerage Event in Frankfurt am Main gathered 28 participants from 5 countries (Belarus, Georgia, Germany, Ukraine and Romania).



Belarus was represented by RCTT (Dr. Alexander Uspenskiy and Dr. Vitali Kuzmin) and the Institute of Microbiology of the NAS of Belarus (Dr. Galina Novik). Dr. Alexander Uspenskiy and Dr. Vitali Kuzmin presented 11 Technology offers, 4 Technology requests and 13 Expressions of interests prepared RCTT with organizations of NAS of Belarus, universities and SMEs.

The presentation of the representative of <u>KIC InnoEnergy GmbH (KIC)</u> Mr. Rolf Thomas, dedicated to the services, financial instruments of KIC for innovation, entrepreneurship in sustainable energy, aroused great interest among the participants of the event.

The participants of the brokerage event discussed prospects for collaboration in the EU programs.







On the meetings with Mr. Robert Gohla and Ms. Angelika Meier discussed instruments of financing RCTT?s projects from EU funds and on the meeting with Dr. Ulrich Sutter discussed prospects for collaboration between RCTT and Eberspächer catem GmbH & Co. KG in the field of technology transfer.

More... http://ictt.by/eng/Default.aspx?tabid=1193

## Info day ICT and in European Research Infrastructures in Horizon 2020? 09-11.09.2015 Tbilisi, Georgia

Following the success of the Info& networking events organized in Baku the cluster will organize the second series of events, this time in Tbilisi, Georgia.

More... http://cstei.lviv.ua/en/item/979?mailid=1280140&userid=12006; http://cstei.lviv.ua/en/item/979

#### Opportunities for Cooperation with Eastern Partnership countries and Russian Federation

Applications for project grants can only be submitted by applicants based in Programme Countries to the National Agency in charge of Erasmus+ Youth in the applicant's country.

Currently, organisations based in the Programme's Neighbouring Partner Countries, including Eastern Partnership countries and Russian Federation, can be partners in projects, but cannot submit applications themselves.

More... in the programme guide... http://ec.europa.eu/programmes/erasmus-plus/index\_en.htm

#### Ukrainian minister urges parliament to pass EU R&I bill

The Government of Ukraine has approved a bill that allows for the participation of Ukraine in Horizon 2020.

After the adoption of the bill, the country will for the first time become an associated member to the EU research and innovation framework programme.

Ukraine has hitherto participated in EU research programmes at the level of third countries, thus it had limited opportunities. The associations to this programme opens Ukrainian scientists to most benefits enjoyed by their counterparts from EU countries. We hope that the agreement on the participation of our country in Horizon 2020 will be ratified as soon as possible.

More... http://horizon2020projects.com/global-collaboration/ukrainian-minister-urges-parliament-to-pass-eu-ri-bill/

#### Lviv State Centre of Science, Innovations and Informatization

Lviv State Centre of Science, Innovations and Informatization LvCSII that celebrated 40th anniversary in 2007 is a leading state scientific informative structure in the Ministry of Education & Science of Ukraine in Western region and covers within its activity Lviv, Ternopil and Zakarpattya regions.

Centre's activity is directed at first to demand studying and, on such a base, meeting wishes and needs of enterprises and organisations of all forms of ownership, physical persons in scientific-technical and economic information.

More... http://cstei.lviv.ua/en/item/15

#### Permanent exhibition of up-to-date energy saving technologies, facility and materials

Pilot Ukrainian companies, foreign companies representatives, scientists are welcomed to take part in the exhibition.

Exhibition is the main instrument of the contemporary technological solutions and products representation.

The crucial distinction of this exhibition is providing effective information sharing channels between manufactures, service providers and potential clients. The exhibition is created for two purpose groups:

- 1. authorities of the state government body and local self-government, municipal and state enterprises, public organizations that are responsible for region energy saving program performance;
- 2. economically active people who are planning to implement energy saving technologies domicile.

More... http://cstei.lviv.ua/en/item/40

#### **European Programmes for Ukraine**

The beginning of activities connected with the creation of such a service was a project. The maintenance of local communities of Ukraine in attraction of European funds that is performed by Foundation Institute for Eastern Studies from Poland <a href="http://www.forum-ekonomiczne.pl">http://www.forum-ekonomiczne.pl</a> and Lviv Centre for Scientific Technical and Economic Information www.cstei.lviv.ua within the Programme Polish aid.

More... https://www.polskapomoc.gov.pl/Main,page,160.html

# New joint website of two complementary projects EAST-HORIZON and EECA-2-HORIZON

The website <a href="http://www.eeca-ict.eu">http://www.eeca-ict.eu</a> is a joint website of two complementary projects EAST-HORIZON and EECA-2-HORIZON funded by the EC under the ICT Programme of FP7.

EAST-HORIZON and EECA-2-HORIZON form a Cluster whose aim is to develop strategic and mutually beneficial partnerships in ICT between the EU and the Eastern Europe and Central Asia (EECA) countries and to assist ICT RTD&I policy dialogue, paving the path for EU-EECA successful strategic partnerships. Both projects started in February 2014 and build upon the invaluable legacy in EU-EECA cooperation in ICT that was created by the <a href="http://eeca-ict.eu/about-partners/previous-initiatives/picture">http://eeca-ict.eu/about-partners/previous-initiatives/picture</a> PICTURE project and its preceding EECA-ICT cluster that was formed by joining forces. The overall goal is to strengthen the links and boost cooperation among the research and industrial communities of both regions to exploit emerging opportunities for international partnerships (both under EU and EECA RTD&I programmes) and jointly address common societal challenges.

More... http://cstei.lviv.ua/en/item/952?PHPSESSID=1e2c3ca470178eb157e303b8d25a6426

# Europe and the Eastern Partnership; Frequently asked questions (FAQ)

The Eastern Partnership (EaP) is a joint initiative of the EU and its Eastern European partners: Armenia, Azerbaijan, Belarus, Georgia, the Republic of Moldova and Ukraine. Launched in 2009 at the EU Prague Summit, it brings our Eastern European partners closer to the EU.

The Partnership is founded on mutual interests and commitments as well as shared ownership and mutual accountability.

- Why did the EU and partner countries launch the Eastern Partnership?
- Which countries participate in the Eastern Partnership?
- Why have such different countries decided to cooperate with the EU within one multilateral framework?
- What about conditionality is the offer the same for each partner country?
- What about the Russian Federation? Is this proposal anti-Russian?
- What are the main new points in this initiative?

More... http://eeas.europa.eu/eastern/index en.htm

## The Eastern Partnership Multilateral Platforms

Many of the challenges partner countries face are shared ones and are usefully addressed by all partners together. Multilateral cooperation under the Eastern Partnership involves the EU institutions, the interested Member states and the 6 EaP partner countries – Armenia, Azerbaijan, Belarus, Georgia, the Republic of Moldova and Ukraine.

It takes place across a wide array of issues, ranging from democracy, good governance and stability to economic issues, energy security and contacts between people. This work is guided by four thematic platforms, supported by various expert panels, flagship initiatives and projects.

More... http://eeas.europa.eu/eastern/platforms/





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

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