



Newsletter No. V - March 2014

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EDITORIAL

Dear Readers,

*Our quarterly newsletter keeps you informed about current and forthcoming BILAT-UKR*AINA project activities and current developments in EU-Ukraine Science, Technology and Innovation (STI) cooperation.*

*We would like to invite you to visit our [project website](#) as well as [S&T Gate information portal](#), which is maintained by BILAT UKR*AINA, where you can find further up-to date information about the latest developments in the field of EU – Ukraine STI cooperation.*

*The BILAT-UKR*AINA Team*

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NEWS

Horizon 2020 Handbook for Ukrainian Researchers

The “Horizon 2020 Handbook” is thought as a useful tool for Ukrainian researchers in order to enhance their participation in European research projects (especially Horizon 2020) and to foster the overall research cooperation between Ukraine and the European Union.

The Handbook contributes to the fulfilment of the following specific objectives:

- To promote RTDI cooperation opportunities in Horizon 2020 in order to support the creation of networks and the participation in joint projects;
- To secure the outreach of the project to interested parties and to increase awareness about the assets of RTDI cooperation with Ukraine.

The Handbook is now available for download.

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The comprehensive guide to all ICT-related topics in the H2020 WP for 2014-15 published by European Commission

The European Commission has published a guide to ICT-related activities in WP2014-15. This guide is designed to help potential proposers find ICT-related topics across the different parts of H2020. H2020 Programme recognises that ICT underpins innovation and competitiveness across private and public sectors and enables scientific progress in all disciplines and therefore includes ICT-related topics in all its pillars.

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3rd Health Programme (2014-2020)

On 26 February the European Parliament adopted the Commission proposal for the establishment of the third Health Programme 2014-2020. The next step in the procedure is the adoption of the programme by the Council. The Third Health Programme will run from 2014 to 2020, with a planned budget of 449 million EUR. It will support actions that complement, support and add value to the policies of the Member States to improve the health of EU citizens and reduce health inequalities by promoting health, encouraging innovation in health, increasing the sustainability of health systems and protecting Union citizens from serious cross-border health threats.

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H2020 Proposal Building tools - RTDI Idea Canvas

The Idea Canvas is a visual chart created by RTDI for building and validating new project ideas. It allows comparing and assessing easily the coherence amongst all elements of an idea for an R&D or Innovation Project, particularly between the need for the project and the solution proposed.

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Complete Guide to Horizon 2020

The New European R&D and Innovation Framework Programme Horizon 2020 is significantly different from its predecessors, especially in the key aspects that determine the successful participation in it or, the aspect that enhance the probability of getting your project selected and funded. This guide aims to help you understand those changes, rules, to identify thematic priorities relevant to your organization, to developing your participation strategy in H2020.

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Guideline on Third Country Participation in Horizon 2020

The European Commission has recently published a 'Guideline on Third Country Participation in Horizon 2020'. This reference document gives practical advice on projects involving participants from non-EU countries and international organisations.

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Horizon 2020 - New Approach, Different Dynamic – SME Instrument

Horizon 2020 stimulates SME participation across the whole programme, yet with a particular focus on close-to-market support. Horizon 2020 takes an integrated approach to SMEs, based on a different dynamic. It stimulates SME participation across the whole programme, yet with a particular focus on close-to-market support. At the end of the day, if research and development activities aren't translated into innovation, i.e. value creation from invention, SMEs can't take profit from those activities. Great ideas need to be picked up by users, customers and the market, before they can really transform society.

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European Small Business Portal

What can the EU do for your business? Help you to get finance, partners, go international. This portal gathers together all the information provided by the EU on and for SMEs, ranging from practical advice to policy issues. Practical guide to doing business in Europe is accessible at http://europa.eu/youreurope/business/index_en.htm

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Indicator of Innovation Output

The EC launched the "Indicator of Innovation Output" to quantify the extent to which ideas for new products, services from innovative sectors, carry an economic added value, are able to reach the market, providing better jobs, making EU more competitive. The novelty of the proposed indicator is that it focuses on innovation output by taking four main components into consideration: technological innovation; employment in knowledge-intensive activities; competitiveness of knowledge-intensive goods & services & employment in fast-growing firms of innovative sectors. EU is performing well in comparison with non-EU countries, with Switzerland taking the lead on innovation output.

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EUREKA Clusters - Essential instruments for global competitiveness

EUREKA Clusters usually have a large number of participants; aim to develop generic technologies of key importance for EU competitiveness mainly in ICT, energy, biotechnology sector. Initiated by industry in close collaboration with national funding authorities, each Cluster has a technological 'roadmap' defining the most important strategic domains.

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UPCOMING EVENTS

Workshop Clean Energy Hybrid Mini-grids in Remote Areas - an Investment Opportunity 10 - 11 April 2014, Bad Hersfeld, Germany

The 7th International Conference on PV-Hybrids & Mini-Grids, Stadthalle Bad Hersfeld, Financial issues are critical to the long-term sustainability of mini-grids. Questions such as the role of the private sector, local tariffs, subsidies, international financing are essential to consider when developing rural electrification programs or stimulate private investments. This workshop introduces investment initiatives, finding mechanisms for energy access from different stakeholders, gives recommendation about financing Mini-Grids, up-to-date developments.

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22nd European Biomass Conference and Exhibition 23 - 26 June 2014, Hamburg, Germany

The Conference's international Programme Committee consisting of 140 leading research & industry experts from the global Biomass sector selected some 250 plenary & oral presentations, more than 600 visual presentations. The 1st edition with an invitation to industry-oriented presentations to attract, engage the industry, to promote the interests, needs of the Bioenergy sector resulted in 8 industry-oriented sessions focusing on the most pressing issues related to biomass, bioenergy running parallel to the scientific sessions. The exhibition focuses on biomass energy. Registration is now open.

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Industrial Technologies 2014 **9 - 11 April 2014, Athens, Greece**

The event takes place during the Greek Presidency of the European Council, and follows on from the previous successful Industrial Technologies events. The 3-day programme offers opportunities to meet, hear international high-level speakers from industry, research, policy. You can explore cutting-edge technologies, network with innovative start-ups, well-known corporations, top-notch research organisations, technology clusters, various other important stakeholders of the EU Technology platforms & the Public Private Partnerships.

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Technology Cooperation Days 2014 **9 - 10 April 2014, Hannover, Germany**

This event organised by Enterprise Europe Network – Niedersachsen / NBank focuses on technologies, solutions, standards and references for industrial measurement processes as well as industrial manufacturing, which includes:

- Measurement Tools as Acoustic Technology, Analyses/Test Facilities and Methods, Chemical material testing, Electrical Technology, Mechanical Technology, Optical material testing, Optical Technology, Non Destructive Testing, Sensor Technology and Thermal material testing
- Amplifier, A/D Transducer
- Electronic measurement systems
- Recording Devices
- Reference Materials
- Standards as Quality Standards and Technical Standards
- Ideas, proposals, partnerships for projects within funded research and innovation programmes
- Industry 4.0 as SMART Manufacturing, Factories of the Future and ICT for Manufacturing Industry

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EVENTS REVIEW

Horizon 2020 Launch Conference – presentations available for download

On **16 January 2014** the Horizon 2020 Launch Conference in Kyiv was jointly organised by BILAT-UKR*AINA, a project funded under the 7th Framework Programme by the European Commission (EC), and the Ukrainian State Agency on Science, Innovation and Informatization.

The Conference attracted more than 150 participants and informed the Ukrainian research and innovation community about Horizon 2020's mission, structure and participation opportunities. The EU-Ukrainian key priority areas identified by the Joint Science and Technology Cooperation Committee: Biotechnologies, Aeronautics, New Materials and Processing Technologies, and ICT were targeted by four parallel sessions and facilitated exchange of experiences and new ideas.

Afterwards BILAT-UKR*AINA organised a training event for Ukrainian NCPs focusing on new challenges and novel NCP services. BILAT-UKR*AINA will carry out a series of follow-up activities (i.e. webinars for Ukrainian researchers and project managers, up-to-date information about Horizon 2020 as well as thematic workshops targeting the thematic priorities) to further enhance joint EU-Ukrainian research projects and to promote Horizon 2020.

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2nd BILAT- UKRA*INA Webinar on Horizon 2020 – focus on 'Transports'

A successful webinar on Horizon 2020 with a special focus on 'Transports' was held on Thursday, **13 March 2014** from 9:30-11:30 CET. The webinars organised by BILAT-UKR*AINA consortium aim to address Ukrainian researchers and project experts that are strongly interested in expanding their cooperation with their European fellows under the umbrella of Horizon 2020. The webinars provide firsthand information about the general structure

and content of Horizon 2020, and what are the opportunities for Ukraine-EU cooperation.

The presentations are now available for download.

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OPEN CALLS

Horizon 2020 - calls

Open Calls: <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

Participation rules: <http://ec.europa.eu/research/participants/portal/desktop/en/funding/index.html>

HORIZON 2020 First calls deadlines in March 2014

Bellow you can find information about first calls closing in March 2014. More details at:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

NIP Ukraine: www.fp7-ncp.kiev.ua

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Call for Proposals for ERC Consolidator Grant ERC-2014-CoG

ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. This action is open to researchers of any nationality who intend to conduct their research activity in any Member State or Associated Country. ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Applicant Principal Investigators must demonstrate the ground breaking nature, ambition and feasibility of their scientific proposal.

Deadline: 20 May 2014

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Call for Proposals for ERC Starting Grant. ERC-2014-STG

ERC Starting Grants are designed to support excellent Principal Investigators at the career stage at which they are starting their own independent research team or programme. This action is open to researchers of any nationality who intend to conduct their research activity in any Member State or Associated Country.

Deadline: 25 March 2014

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Call for Proposals for ERC Proof of Concept Grant. ERC-PoC-2014

The ERC Proof of Concept Grants aim to maximise the value of the excellent research that the ERC funds, by funding further work (i.e. activities which were not scheduled to be funded by the original ERC frontier research grant) to verify the innovation potential of ideas arising from ERC funded projects. Proof of Concept Grants is therefore on offer only to Principal Investigators whose proposals draw substantially on their ERC funded research.

There are 2 deadlines for submission to the ERC-2014-Proof of Concept: Intermediate deadline: 1 April 2014. **Final deadline: 1 October 2014.**

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Marie Skłodowska-Curie Research & Innovation Staff Exchange H2020-MSCA-RISE-2014

The RISE scheme will promote international, inter-sector collaboration through research and innovation staff exchanges, and sharing of knowledge and ideas from research to market (and vice-versa) for the advancement of science and the development of innovation. The scheme fosters a shared culture of research and innovation that welcomes and rewards creativity & entrepreneurship and helps to turn creative ideas into innovative products, services or processes.

Deadline: 24 April 2014.

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FP7-CDRP-2013-EUR-CD – Career Development

This call aims to complement the efforts made so far in support of the career development of researchers in an academic environment. Starting from the knowledge, behaviour and characteristics of an individual researcher, career development advice, coaching, training could further enable a researcher to aspire to excellence, whether inside/outside academia.

Deadline: 15 April 2014.

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Euratom Fission 2014-2015.

Euratom Fission are organised in 5 main sections: A. Support safe operation of nuclear systems; B. Contribute to the development of solutions for the management of ultimate radioactive waste; C. Foster Radiation Protection; D. Cross-cutting aspects for nuclear fission & radiation protection; E. Support the development of nuclear competences at EU level.

Deadline: 17 September 2014.

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Euripides, the Eureka Electronic Cluster

EURIPIDES., the EUREKA Cluster for heterogeneous electronic products integration, advanced smart sensors, power electronics & enmeshed & implanted systems is publishing its Spring 2014 Call Calendar for proposals. Partners are funded directly by their respective governments, according to national procedures.

Deadline: Project Outline 4 March 2014; Full Project Proposal 15 May 2014

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Launch of the EIT's 2014 Call for KICs

The EIT is launching the 2014 Call for Knowledge and Innovation Communities (KICs) proposals. Two new KICs will be selected focusing on innovation for healthy living and active ageing, and on raw materials – sustainable exploration, extraction processing, recycling and substitution.

“This is an exciting day in the EIT’s history that we have been working towards since the set-up of the first three KICs. The call offers a unique opportunity for leading universities, businesses and research centres to work with us and make innovation and entrepreneurship happen across Europe,” said Alexander von Gabain, Chairman of the EIT Governing Board.

“We look forward to co-operating with two more excellent and innovative partnerships that bring together entrepreneurially-minded people within European innovation ecosystems to tackle challenges facing our society and to create new opportunities for sustainable growth and jobs,” added José Manuel Leceta, EIT Director.

An Information Day will be held in Budapest on 14 March 2014. The application process is open until 10 September 2014. One KIC per theme will be designated on 9 December 2014, following an independent evaluation guided by specific selection criteria.

Official Press Release:

http://eit.europa.eu/fileadmin/Content/Downloads/PDF/2014_KIC_Call/PR_EIT_KIC_Call_Launch_20140214.pdf

Leaflet for the EIT's 2014 Call for KICs:

http://eit.europa.eu/fileadmin/Content/Downloads/PDF/2014_KIC_Call/EIT_2014_Call_Leaflet.pdf

Information Notice in the Official Journal of the European Union: <http://eur-lex.europa.eu/JOHtml.do?uri=OJ:C:2014:043:SOM:EN:HTML>

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Call for bilateral proposals between Austria and Ukraine published!

Joint research teams consisting of Austrian and Ukrainian researchers can submit their joint proposals under the Intergovernmental Science and Technology Agreement between Austria and Ukraine until **2 June 2014**.

The broad thematic priorities targeted by this call include natural sciences, biotechnology research, ICT research, nanophysics and nanotechnology and high-energy physics. The projects should run from 1 January 2015 until 31 December 2016. Travel costs for short time mobility stays (maximum of 10 days) under the granted projects will be covered by the outgoing country, while costs for stays abroad will be covered by the incoming host country. For each project proposal a responsible lead applicant in Austria as well as in Ukraine has to be nominated. These lead applicants have to prepare joint proposals which have to be separately submitted in English or the national language(s) in Austria respectively in Ukraine. Austrian researchers have to submit the proposal online under <http://wtz.scholarships.at/login/login.aspx> with the following additional documents:

- application form (online)
- CV of all Austrian project participants (team)
- list of relevant publications of the last two years published by the Austrian team members
- project description incl. methodology (3 to 5 A4 pages)
- short description of the Ukrainian partner institution
- short description of the division of labour as regards all participants working in the joint project

Ukrainian lead applicants have to submit the proposal at the State Agency on Science, Innovations and Informatization of Ukraine: Department of International Co-operation and Analytical Support:

Ms. Anna Pustovit

16, Taras Shevchenko Blvd., Kyiv, 01601, Ukraine Tel.: +38 044 287 82 50; Fax: +38 044 287 82 50; e-Mail: pustovit@dknii.gov.ua

Unilateral applications will not be considered!

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Call announcement – cooperation with CERN

NAS of Ukraine has announced a call for the development of further cooperation with CERN and JINR «On Perspective Fundamental Research in High Energy and Nuclear Physics» for 2014-2015.

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Joint call of the National Academy of Sciences of Ukraine and the Scientific and Technological Research Council of Turkey for 2015-2017

National Academy of Sciences of Ukraine (NASU) and the Scientific and Technological Research Council of Turkey (TUBITAK) launched a Call for joint S&T projects for 2015-2017. Projects are implemented in frame of Agreement on Scientific and Technological Cooperation between NASU and TUBITAK.

Launch date: 16 December 2013

Deadline: 14 March 2014

Research areas:

- material sciences, nanosciences and nanotechnologies;
- information and communication technologies;
- biotechnologies;
- energy;
- environment;
- health;
- water resources;
- food supplies;
- machinery;
- transport;
- security;
- space.

From Ukrainian side for participation are allowed scientists working at NASU institutions, which cooperate with TUBITAK scientists.

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Joint call of the National Academy of Sciences of Ukraine and the National Centre of Scientific Research of France for 2015

National Academy of Sciences of Ukraine (NASU) and the National Centre of Scientific Research of France (Centre National de la Recherche Scientifique (CNRS) on the basis of signed Agreement launched a Call for joint projects PICS* 2015. The aim of projects is to receive a financial support for fundamental scientific research in following areas:

- mathematics;
- physics and astronomy;
- informatics;
- technical sciences;
- natural sciences and environment;
- life sciences;
- chemistry;
- social sciences and humanities.

The main aim of the Call is to consolidate the efforts of the NASU and CNRS for funding basic research, jointly carried out by scientists of the NASU and France and of mutual interest.

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