



ENHANCING THE BILATERAL S&T PARTNERSHIP WITH UKRAINE \* ADVANCED INNOVATIVE APPROACH

# Webinar on Horizon 2020

Science with and for Society



# Who is talking?

- Dr. Klaus Schuch
- Strategic Research Manager at ZSI (Vienna)
- engaged in responsible research and innovation project
- social scientists by education

# Horizon 2020: 3 pillars & some horizontal and cross-cutting issues



- Spreading excellence and widening participation
- **Science with and for society**
- European Institute of Innovation and Technology (EIT)
- Euratom



# What is SwafS?

- A separate horizontal scheme, which does not directly belong to the 3 main pillars of HORIZON2020 but which is instrumental in addressing European societal challenges
- with an own work programme
- and a dedicated budget (€ 462m)
- but with regular HORIZON2020 funding schemes

# “Types” of grant (funding schemes) in 2014/2015 in SwafS

- Research and Innovation Action
- Coordination and Support Actions (CSA)
  
- Grants to identified beneficiaries (e.g. ESOF conference)
- Expert contracts (e.g. for evaluation)
- Public procurement (e.g. EURAXESS)

# Aim of SwafS

... is to build effective cooperation between **science and society**, to recruit **new talent for science** and to **pair scientific excellence with social awareness and responsibility**.

# Trans-disciplinary approach

SwafS empowers **all societal actors** (researchers, citizens, policy makers, business, third sector organisations etc.) **to work together** during the whole research and innovation process in order to better align both the research process and its outcomes with the **values, needs and expectations of European society** (i.e. responsible research and innovation)

# Responsible Research and Innovation

In general, **RRI anticipates and assesses potential implications and societal expectations with regard to research and innovation.**





# Specific aims of RRI in HORIZON 2020

In practice, RRI consists of **designing and implementing R&I policy** that will:

- **engage society** more broadly in its research and innovation activities,
- **increase access** to scientific results,
- **ensure gender equality**, in both the research process and research content,
- take into account the **ethical** dimension,
- and promote formal and informal **science education**



# SwafS-Work Programme 2014/2015

## 4 priorities

- Call for making **science education** and careers attractive for young people (SEAC)
- Call for promoting **gender equality** in R&I (GERI)
- Call for **integrating society in science and innovation** (ISSI)
- Call for developing **governance** for the advancement of RRI (GARRI)

harness  
talent and  
ideas

ethical, legal  
and social  
issues

# SwafS-Work Programme 2014/2015

## Principles

- All calls are taking up **RRI**
- Participation of **third countries** is welcome
- **Multi-stakeholder engagement** is favourable
- **Social sciences and humanities** are addressed
- Projects should be innovative and sustainable
- Projects are subject to participate in the **Open Research Data initiative** (data management plans are required)

# Rationales

- Science push is not enough!
- Quick “technology fixes” are not enough!
- Betting on 'technology acceptance' by way of good marketing is no longer a valid option!

BUT

- Diversity of actors in R&I for achieving greater creativity and better results.
- Early and continuous iterative engagement of society in R&I is key to innovation appropriateness and acceptability.



# History of RRI

The notion of 'responsibility' has been at the heart of the reflections on the development of the ERA and of the Framework Programmes (FPs) since 2000.

- FP6 'Science and Society (SaS)
- FP7 'Science in Society'(SiS)
- HORIZON 2020 'Science with and for Society'(SwafS) and CROSS-CUTTING issue in HORIZON 2020

During the last two years of FP7 (2012-2013) 'Science in Society' focussed directly on RRI.



# Reference Projects (1)

- **GREAT – Governance of Responsible Innovation (FP7).** It explores the knowledge and research potential of *multi-stakeholder approaches in research*. It investigates how responsible innovation is involved in research processes and it uses this knowledge to inform policy makers on how to integrate responsible innovation in further research activities.
- **RES-AGORA - Responsible Research and Innovation in a Distributed Anticipatory Governance Frame (FP7).** This project develops a normative and comprehensive governance framework for RRI. This governance framework will deliver cognitive and normative guidance that can be applied flexibly in different contexts.



# Reference Projects (2)

- **RRI-Tools (FP7):** It will develop an innovative and creative set of tools comprising practical digital resources and actions aimed at raising awareness, training, disseminating and implementing RRI. RRI Hubs will be responsible for training on the use of the toolkit throughout Europe, of advocating policy makers at a national and regional level and of disseminating the concept of RRI to a wide audience.



# Information on Calls (SEAC – Making science education and careers attractive for young people)

## Objectives

- developing scientific citizenship (innovative pedagogies)
- developing RRI in higher education curricula
- easing the access to scientific careers





# Information on Calls (SEAC)

Innovative ways to make science education and scientific careers attractive to young people	2 Oct. 2014 + 16. Sept. 2015
RRI in Higher Education Curricula	2 Oct. 2014
Trans-national operation of the EURAXESS Service network	2 Oct. 2014
EURAXESS outreach activities	16 Sept. 2015
12.2m from 2014 budget; 10.4m from 2015 budget	



# Information on Calls (GERI – Promoting gender equality in R&I)

## Objectives

- encourage girls to study science and female students to embrace a research career
- analysing the impact of gender diversity on R&I outcomes
- develop a framework to evaluate gender equality promotion schemes
- implement gender equality plans



# Information on Calls (GERI)

Innovative approach to communication encouraging girls to study science	2 Oct. 2014
Impact of gender diversity on research and innovation	2 Oct. 2014
Evaluation of initiatives to promote gender equality in research policy and research organisations	16 Sept. 2015
Support to research organisations to implement gender equality plans	2 Oct. 2014 + 16 Sept. 2015
9.5m from 2014 budget; 9m from 2015 budget	



# Information on Calls (ISSI – Integrating society in science & innovation)

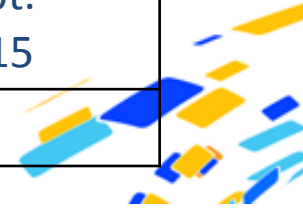
## Objectives

- Developing citizens' interest and capacities for science
- Dissemination of information and good practices through a Knowledge Sharing Platform
- Supporting structural change in the research organisation and higher education institutions to promote Responsible Research and Innovation



# Information on Calls (ISSI)

Pan-European public outreach: exhibitions and science cafés engaging citizens in science	2 Oct. 2014 + 16 Sept. 2015
Citizens and multi-actor engagement for scenario building	2 Oct. 2014
Knowledge sharing platform	16 Sept. 2015
On-line mechanisms for knowledge-based policy advice	16 Sept. 2015
Supporting structural change in research organisations to promote RRI	2 Oct. 2014 + 16 Sept. 2015



# Information on Calls (GARRI – Governance for advancement of RRI)

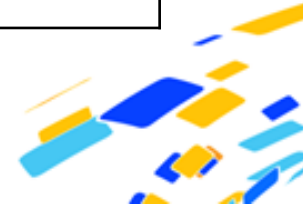
## Objectives

- RRI uptake in research and innovation systems
- Text and data mining and innovative approaches to disseminate research results and to measure impact
- Ethics in research (incl. dumping of non-ethical practices to non EU countries)
- NCP support (already elapsed!)



# Information on Calls (GARRI)

Fostering RRI uptake in current research and innovation systems (inclusion of business, policy makers and CSOs !)	2 Oct. 2014
RRI in industrial context (inclusion of business, policy makers and CSOs !)	16 Sept. 2015
Scientific information in digital age: text and data mining	2 Oct. 2014
Innovative approach to release and disseminate research results and measure their impact	16 Sept. 2015
Ethics in research: promoting integrity	2 Oct. 2014
Reducing the risk of exporting non ethical practices to third countries	2 Oct. 2014
12.3m in 2014 and 5.3m in 2015	



# Three criteria are used to evaluate the proposals

- Criteria
  - Excellence
  - Impact
  - Quality and efficiency of the implementation
- Proposals ranked according to evaluation results - selection on the basis of this ranking





# Important websites

- Horizon 2020:

[http://ec.europa.eu/research/horizon2020/index\\_en.cfm](http://ec.europa.eu/research/horizon2020/index_en.cfm)

- SwafS:

<http://ec.europa.eu/programmes/horizon2020/en/news/call-integrating-society-science-and-innovation>

- International Cooperation:

<http://ec.europa.eu/research/iscp/index.cfm?lg=en>





European Commission

# RESEARCH & INNOVATION

## Participant Portal

European Commission > Research & Innovation > Participant Portal > Opportunities

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FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

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### Horizon 2020

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Calls



Call Updates



### Other EU Programmes 2014-2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

### FP7 & CIP Programmes 2007-2013

Calls



Call Updates



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English

## CALL FOR MAKING SCIENCE EDUCATION AND CAREERS ATTRACTIVE FOR YOUNG PEOPLE

H2020-SEAC-2014-1

Sub call of: [H2020-SEAC-2014-2015](#)

<b>Publication date</b>	2013-12-11	<b>Deadline Date</b>	2014-10-02 +17:00:00 (Brussels local time)
<b>Budget</b>	€12,200,000	<b>Main Pillar</b>	Science with and for Society
<b>Status</b>	<span style="background-color: green; color: white; padding: 2px;">Open</span>	<b>OJ reference</b>	<a href="#">OJ C361 of 11 December 2013</a>

Call description

[Call documents](#)

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### Call updates

- [2014-04-24 16:19:08](#)

The website of the information day and brokerage event targeted at all stakeholders interested in the Science with and for Society Programme of Horizon 2020 can be found [here](#)

- [2014-06-02 16:32:19](#)

The submission session is now available for: SEAC-1-2014(RIA-CSA), SEAC-2-2014(CSA), SEAC-3-2014(CSA)

Topics and submission service

# Other information resources

- BILAT-UKR\* AINA:  
<http://www.bilat-ukraina.eu>
- S&T UKR Gate:  
<http://www.st-gateukr.eu/index.php>
- EC officials, project officers, call coordinators
- National Contact Points  
[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)
- Newsletters, social media

# Thank you for your attention!

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