

Cross-cutting aspects in Horizon 2020 and connection to «impact»

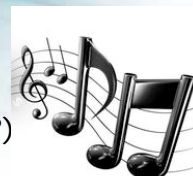
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Structure of my talk:

- **1: Cross-cutting aspects** in Horizon 2020 – and relationship to impact
- **2:** Relevance for the evaluation process
- ***3: Three examples of cross-cutting issues:***
 - International cooperation
 - Gender
 - Responsible Research and Innovation (RRI)
- **4:** Finally «ending on a high note»:

(what on earth is S – w – a – f – S all about?)



Forskningsskolen

What I want to convey today.....

- Some
- to take



Forskningsskolen

Cross cutting aspects in Horizon 2020

- How are these related to impact?



Cross-cutting issues in H2020:

- SMEs and Innovation
- *International cooperation*
- Sustainable development and climate action
- *Responsible Research and Innovation (RRI)*
- Socio-economic Sciences and Humanities (SSH)
- *Gender*
- Widening participation; closing the innovation gap
- Support to ERA-priorities
- Information and Communication Technology (ICT)

The rationale behind the cross-cutting dimension in/of Horizon 2020:

- INCREASED QUALITY through trans-disciplinarity
- The link between SCIENCE and SOCIETY
- Strengthening the EUROPEAN RESearch AREA and the ERA Roadmap towards 2020
- Consolidate/increase Europe's ATTRACTIVENESS globally
- Horizon 2020 is not a «stand alone programme», but shall (also) be of value to OTHER POLICY AREAS

Wider societal impact

- The politicians in Brussels and in the member states want concrete results; ref. evaluation of FP7 ongoing now; *what has really changed after 50+ billion euros invested in the period 2007-2013?*
- 60/35% of H2020 budget to sustainability/climate....
- Also on the micro level applicants should reflect on this when completing proposals.....

«Seen in this light cross-cutting aspects are definitely parts of the impact puzzle!»

How can cross-cutting aspects
affect the evaluation of
proposals?

Evaluation of projects

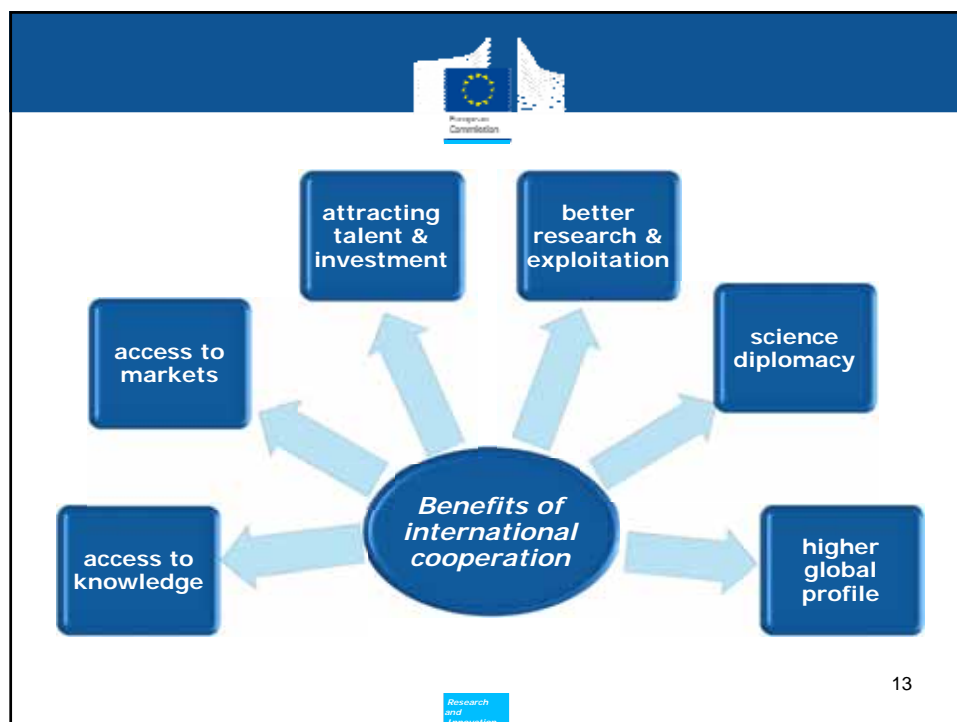
- Standard briefing on cross-cutting issues:
«You need to take into account cross-cutting issues if explicitly mentioned under the scope or expected impact of the call or topic»
- The composition of advisory groups preparing the draft work programme (at least one gender expert). SSH and innovation covered more broadly amongst evaluators than in FP7!!
- Flagged topics – illustrates if a call text takes cross-cutting issues into account; f. ex SSH or gender (implications for evaluation/impact :--)

Guidance for evaluators

Before doing their job as expert evaluators they receive a standard note describing:

- How cross-cutting issues shall be treated
- Alongside communication, trans-disciplinarity and public engagement the traditional cross-cutting issues are evaluated as part of panel meetings in Brussels





Principle of openness and inclusiveness

- General opening to *attract* international partners
- Acknowledging that partners outside Europe for sure can strengthen the quality (and impact) of the project
- The Commission is interested in increasing the number of projects carried out *jointly* by European and «global researchers»



Program
Completion

Challenge 6

Call 4: Europe as a global actor (2014/2015)

BILATERAL

INT 1 – 2014/2015: Enhancing & focusing R&I cooperation with the Union's key international partners

EU contribution: EUR 1.95 million for 3 years (USA, China, Brazil, Russia); EUR 1 million for 3 years (Australia, Ukraine, South Africa); other amounts possible


REGIONAL

INT 2 – 2014/2015: Encouraging the research and innovation cooperation between the Union and selected regional partners

EU contribution: EUR 1.95 million for 3 years (Africa, Southern Mediterranean neighbourhood); EUR 1.5 million for 3 years (Eastern Partnership, Black Sea region); EUR 1 million for 3 years (Middle East); other amounts possible

Research
and
Innovation

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Forskningssrådet



Gender

Three main objectives for gender equality:

- Gender balance in decision making processes (40% under-represented sex in panels; 50% in advisory groups)
- Gender balance in research teams at all levels (address the gaps in participation in FP7/H2020)
- Gender dimension in research and innovation content (improve scientific quality and relevance)

Together with the SME-dimension gender can separate two otherwise similar proposals.....

- «.... if necessary, any further prioritisation will be based on the following factors, in order: size of budget allocated to SMEs, **gender balance** among the personel named in the proposal who will be **primarily responsible** for **carrying out the research and/or innovation activities**.
- Moreover; gender training and gender studies are now *eligible costs* in Horizon 2020 proposals!

Quote from the unit B7 (sector gender) in the European Commission; «enough said»!

- «In terms of **impact** we believe that taking into account the **gender dimension in research increases the scientific quality and societal relevance of produced knowledge, technologies and innovations** by integrating an in-depth understanding of both genders' needs, behaviours and attitudes.
- It also contributes to the production of goods and services **better suited to potential markets.**»

Responsible Research and Innovation (RRI)


What is Responsible Research and Innovation?

RRI is a process where all societal actors (researchers, citizens, policy makers, business) work together during the whole R&I process in order to align R&I outcomes to the values, needs and expectations of European society



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RRI across Horizon 2020



Engagement
 Gender Equality
 Science Education
 Ethics
 Open Access

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Work Programme 2014-15: Lessons learned RRI as a general cross-cutting concept:

NMP-32-2015: Societal engagement on responsible nanotechnology

Expected impact:

- *The direct and sustainable impact of this action will be to enhance the interaction between society, science and nanotechnologies in order to contribute to a **responsible nanotechnology research and innovation** at EU and national policy level and research processes.*
- *Involving civil society, social sciences and humanities, and industry groups in decision-making procedures and/or societal dialogue and engagement on nanotechnologies will increase awareness, enhance understanding between stakeholders' on their positions, needs, expectations and concerns, and enhance trust between them.*

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«RRI is here to stay!»

- Linked to Socio-economic Sciences and Humanities (SSH) – especially in ICT-related calls
- Especially relevant for and emphasized within ICT and nano/materials/bio-technology («LEIT», pillar 2, H2020)
- Large political focus (EU-presidency conference on RRI organised by Italy in the fall of 2014; nearly 1000 participants.....)
- Increased attention due to the emphasis on innovation, open science, global cooperation and sustainability!



Forskningsrådet

Science with and for Society (SwafS)

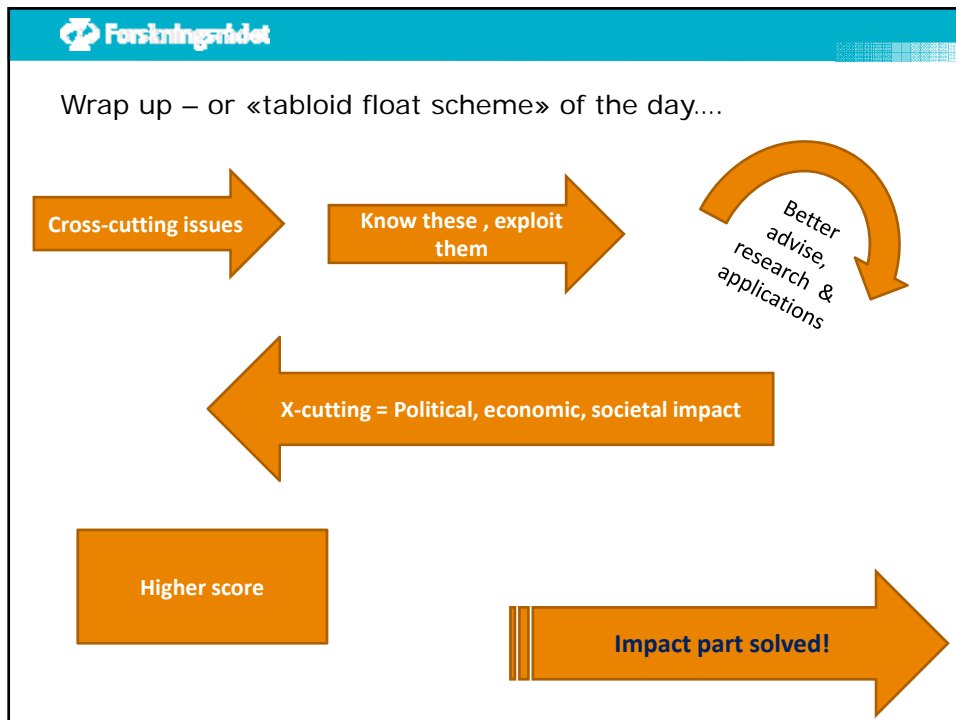
- Outside the three main pillars of H2020
- Budget – 462 million euros!
- DEDICATED CALLS WITHIN:
Science education and careers, attractiveness of research and innovation
- Gender balance and gender dimension in the research content**
- Outreach/dissemination of science & technology in society; public engagement**
- Responsible Research and Innovation, governance of RRI in different sectors etc etc....**

Next deadline – 16 September 2015

- Check out the Work Programme for SwafS
- Look for relevant partners
- Remember the [impact part](#) and [cross-cutting aspects!](#)
- Pan-European dimension is a key feature
- Involve & engage «users» at an early stage
- Ask me or other NCPs if you are interested in knowing more (possible topics in WP 2016-17.....)

SwafS
Brokerage event in Brussels
22 May 2015

Be there!



The Research Council of Norway

Thank you for the attention!

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