



Evaluation Framework for Promoting Gender Equality in Research and Innovation

Measuring the Impact of Gender Equality on the Innovation System

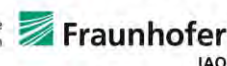
London, 19th June 2018

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 710470



Fraunhofer Center for Responsible
Research and Innovation



Contents



1. What is EFFORTI?
2. Why do we need EFFORTI?
3. What will be the results of EFFORTI?
4. What have we learned so far?
5. Policy Recommendations?

What is EFFORTI?



EFFORTI seeks to analyse and model the influence of interventions to promote gender equality on research and innovation outputs and on establishing more responsible and responsive research and innovation systems. For this purpose, EFFORTI will

- develop an **evaluation framework for GE interventions** that takes into account the diversity in the national policies as well as organizational contexts;
- derive **general lessons for evidence-based and thus "good" policy-making** in the field of gender equality within R&I systems.

- Programme: H2020 – Science with and for Society (SWAFS)
- Type of Action: Research and Innovation Activity – RIA
- Duration: June 2016 – May 2019
- Budget: ca. 2 Mio. EUR
- Consortium of six partners: Fraunhofer ISI / CeRRI, Joanneum Research Policies, University of Aarhus, University of Catalunya, NaTe Association of Hungarian Women in Science and Technology, Intrasoft

Why do we need EFFORTI?



- For decades gender equality has been one of the top priorities
 - Gender mainstreaming as a strategy in the 5th EU research framework programme (1998 – 2002)
- The scientific knowledge of the underrepresentation of women within R&I systems and the most important hindrances are comprehensive
 - She Figures since 2003.
- Plenty of measures and toolkits exist that aim to promote gender equality regarding the three ERA objectives
 - e.g. GENDER-NET IGAR tool (2009), EIGE GEAR tool (2016), GARCIA tool (2015)
- **But: Progress is made at a rather low pace.**

– Lack of data on Gender Dimension in Research Content –
– More evidence is needed that versatile perspectives lead to more responsible R&I –
– EFFORTI aims to develop a comprehensive evaluation framework which establishes the link between Responsible R&I and Gender Equality to create this evidence base. –

What will be the results of EFFORTI?



Outputs

- **Country Reports** on the state of GE in the national R&I systems (March 2018)
- **Comparative Case Study Report** with key insights and learnings (Autumn 2018)
- **EFFORTI 1.0**: Theoretical background report on the evaluation framework (May 2018):
 - How to operationalize a GE intervention?
 - How do context factors influence programme effects?
 - How are GE interventions connected to research performance and quality?
 - Impact Stories, Indicator descriptions, Smart practices...
- **EFFORTI 2.0**: Online-toolbox for practical assistance (evaluations, policy design, research) (Spring 2019)
- **Special Issue** of Evaluation and Program Planning on Measuring the Impact of Gender Equality on the Innovation System (Summer 2019)

Outcomes

In the long, EFFORTI strives to...

- contribute to a better understanding of the impacts of GE initiatives.
- Help to increase the efficacy of GE initiatives and their effect on research performance and quality
- help to convince companies, HEIs, RPOs, RFOs and policy-makers to promote gender equality in R&I systems through structural change measures
- build and consolidate a community of experts and stakeholders on the assessment of GE measures and their further development,

What have we learned so far?

Mind-change needed on GE effects

- Connection between GE and Research Quality is hardly considered in evaluations, policy design and research!
- Business Enterprise Sector has highest backlog – by far

Obsession with Monitoring Implementation

- Monitoring of funders is often focussed on outputs but outcomes and impacts are neglected.
- Short funding periods often undermine impact-orientation of GE interventions.

Context matters most

- Research evidence shows that GE interventions work most effectively when context is explicitly taken into consideration. More research is needed to enable us to develop understanding when context facilitates or hinders the impact of an intervention.

Policy Recommendations?



Researchers, conduct more research on connection between GE and research quality in academia and business!



Funders, strengthen outcome-orientation of your GE funded projects and programmes!



Policy Designers, have a dialogue with GE projects on their framework conditions and try to improve their environment!

Let's stay in contact!



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