

**CITIZEN SCIENCE
WITHIN THE CONTEXT OF HORIZON 2020**



**Ciro Franco,
Head of Research Office – Sapienza Università di Roma
Rome, 9th May 2019**

Agenda



**SWAFS key
features and
the “Funder”
perspective**

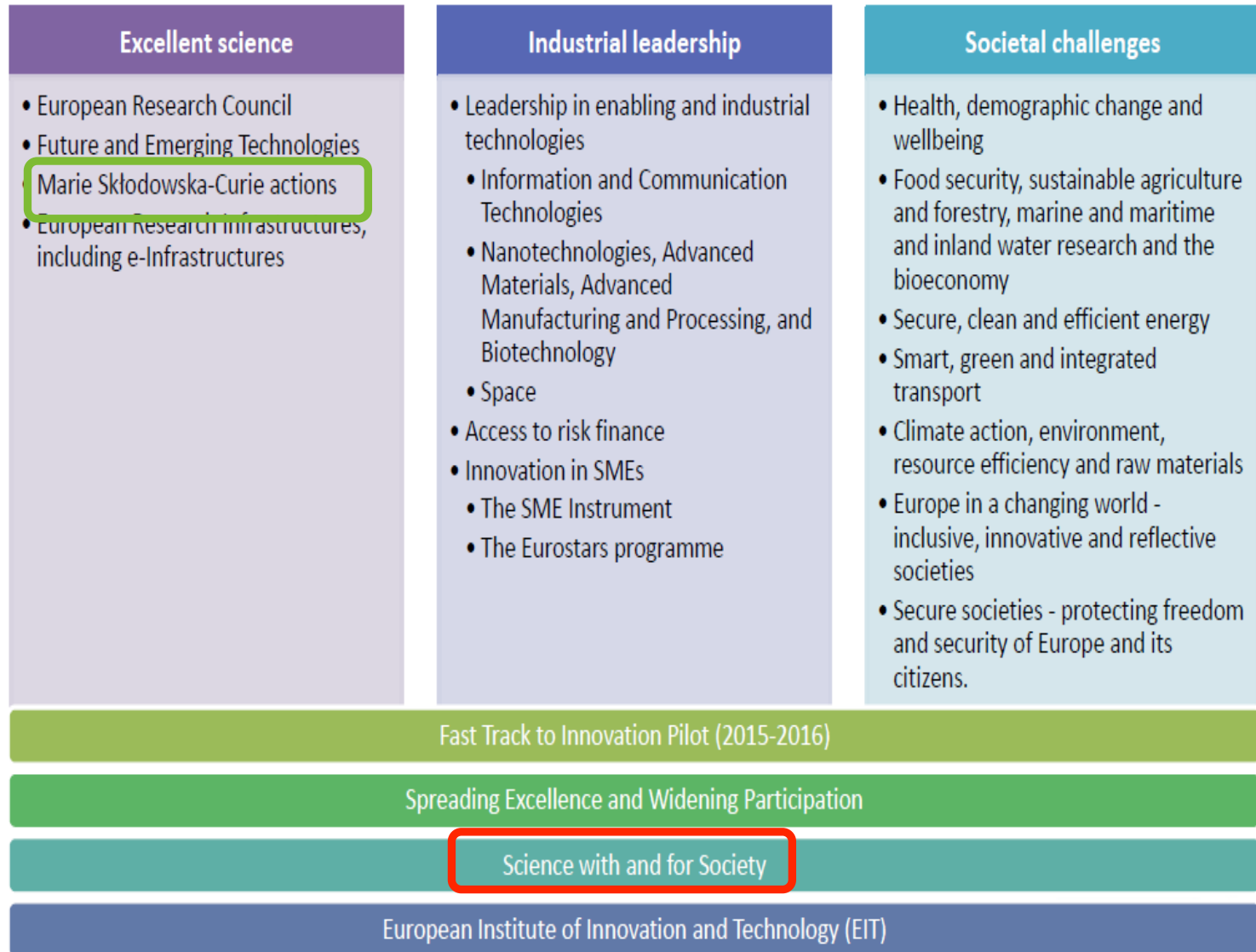


**From the
evaluators
perspective**



SWAFS key features and the “Funder” perspective

Citizen Science within Horizon 2020



SWAFS strategic goals

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

The SWAFS Work Programme 2018-2020 has been developed to support the interplay between science and society at national and EU levels. There is **recognition that co-design with citizens, stakeholders and end-users** needs to be promoted in all policy instruments, including in Horizon 2020



RESEARCHERS & SCIENTISTS



BROAD PUBLIC & CITIZENS



POLICY MAKERS & RESEARCH FUNDERS



CIVIL SOCIETY ORGANISATIONS



INDUSTRY

Citizen involvement



Recommendation n. 8: MOBILISE AND INVOLVE CITIZENS

Action:
STIMULATE CO-DESIGN AND
CO-CREATION THROUGH
CITIZEN INVOLVEMENT



**From the evaluators
perspective**

The evaluation criteria – RIA and IA schemes

Excellence

To the extent that the proposed work corresponds to the topic description in the work programme:

- Clarity and pertinence of the objectives
- Soundness of the concept, and credibility of the proposed methodology
- Extent that proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models)
- Appropriate consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge

Impact

- The expected impacts listed in the work programme under the relevant topic
- Any substantial impacts not mentioned in the WP, that would enhance innovation capacity; create new market opportunities, strengthen competitiveness and growth of companies, address issues related to climate change or the environment, or bring other important benefits for society
- Quality of proposed measures to exploit and disseminate project results (including IPR, manage data research where relevant); communicate the project activities to different target audiences

Implementation

- Quality and effectiveness of the work plan, including extent to which resources assigned to work packages are in line with objectives/deliverables
- Appropriateness of management structures and procedures, including risk and innovation management
- Complementarity of the participants and extent to which the consortium as a whole brings together the necessary expertise
- Appropriateness of allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfill that role

Cross-cutting issues: Responsible Research & Innovation (RRI)

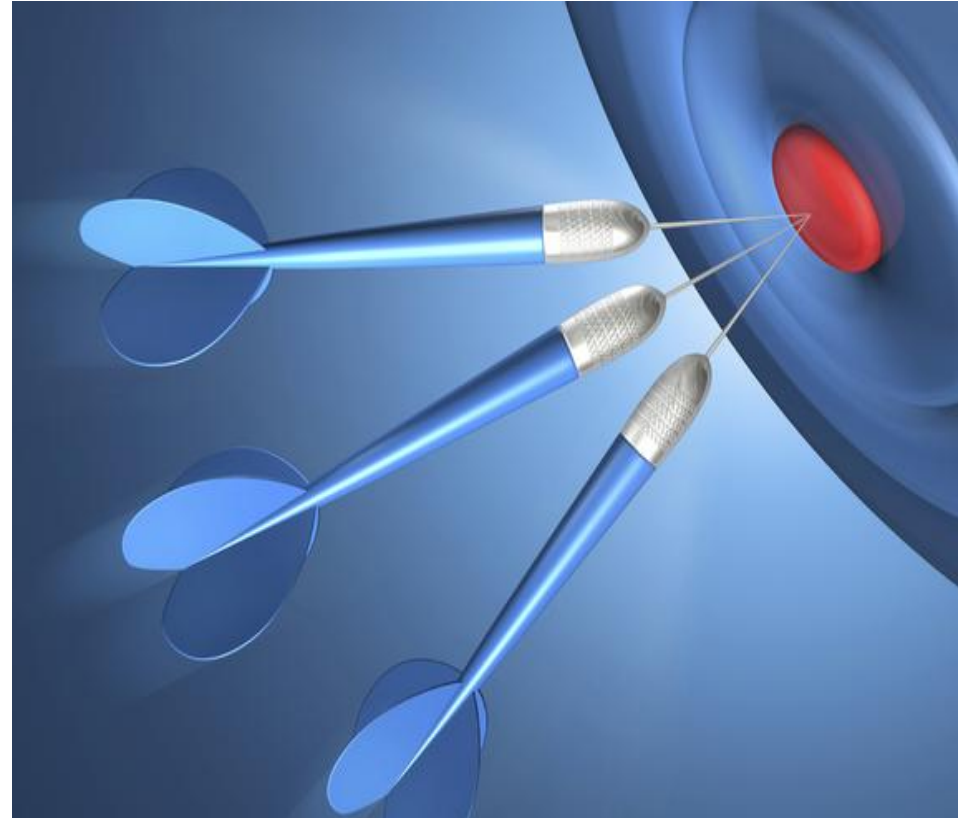
- **Responsible Research & Innovation (RRI)** is cutting across Horizon 2020, many SwafS topics have a direct relation with RRI as a cross-cutting issue.
- **RRI is an inclusive approach to R&I:** it implies that societal actors work together to better align both the R&I process and its outcomes with the values, needs and expectations of society.
- In practice, under Horizon 2020, RRI is implemented as a package of actions across RRI dimensions:

RRI dimensions				
Ethics	Open Access	Public Engagement	Gender	Science Education
Take into account the ethical dimension	Increase access to scientific results	Engage society more broadly in its R&I activities	Ensure gender equality, in both the research process and research content	Promote formal and informal science education


Horizontal consistency and credibility

The project should include a **transversal linkage**...

- *from the overall goal to the specific objectives*
- *from the objectives to the applied methodology*
- *from the objectives to the work plan and the deliverables*
- *from the expected results to the expected impact*



Strengths



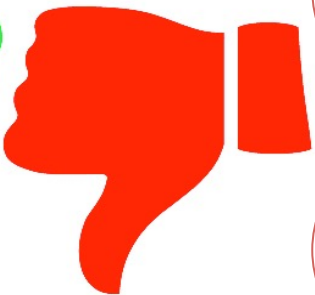
The proposal objectives fully **address the Work Programme by supporting RRI throughout the proposal**, involving the quadruple helix

The proposed work is definitely **beyond the state of the art by providing a validated pilot project for open science**, a validated citizen science model for innovation...

The proposal takes **full advantage of the concept of open science** ensuring that data, methodology, the research process and the outcomes are shared openly...

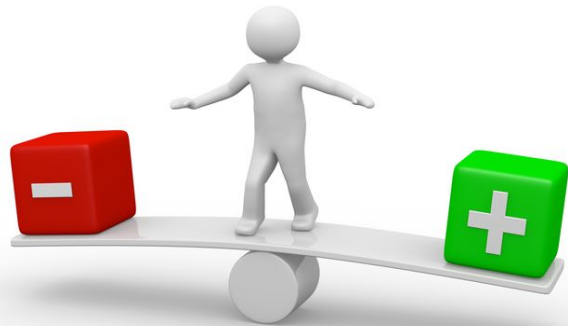
Exploitation strategies are elaborated for each of the six innovative solutions with a **genuine involvement of civil society**

Weaknesses



- **Interdisciplinary and innovative aspects** of the proposed research are not sufficiently presented
- The impact section **lacks specific and measurable indicators**
- The plans related to activities to reach non-specialist and non-scientific audiences are not satisfactorily presented and their **benefits to society not clearly explained**
- The question of the expected impact of the proposed dissemination measures is insufficiently addressed with respect to **professional organisations and policymakers**

Some final tips



Clarity

- Fluent and concise English
- Make the text clear and well-structured
- **Use short paragraphs and highlight key steps of the project, outline the concepts and key words (BOLD)**
- Make the **proposal readable**: the evaluator has a few hours to analyse the proposal

Change perspective

- *Your proposal must be written in order to solve European problems identified in EU policies (**never give the impression that you are writing a project because trying to get funding!**)*



Thanks for your attention!

Ciro Franco

Head of Research Office

Research and Technology Transfer Area

Sapienza Università di Roma

ciro.franco@uniroma1.it

