



HORIZON EUROPE

THE EU
RESEARCH &
INNOVATION
PROGRAMME 2021 – 27

RESEARCH
AND
INNOVATION

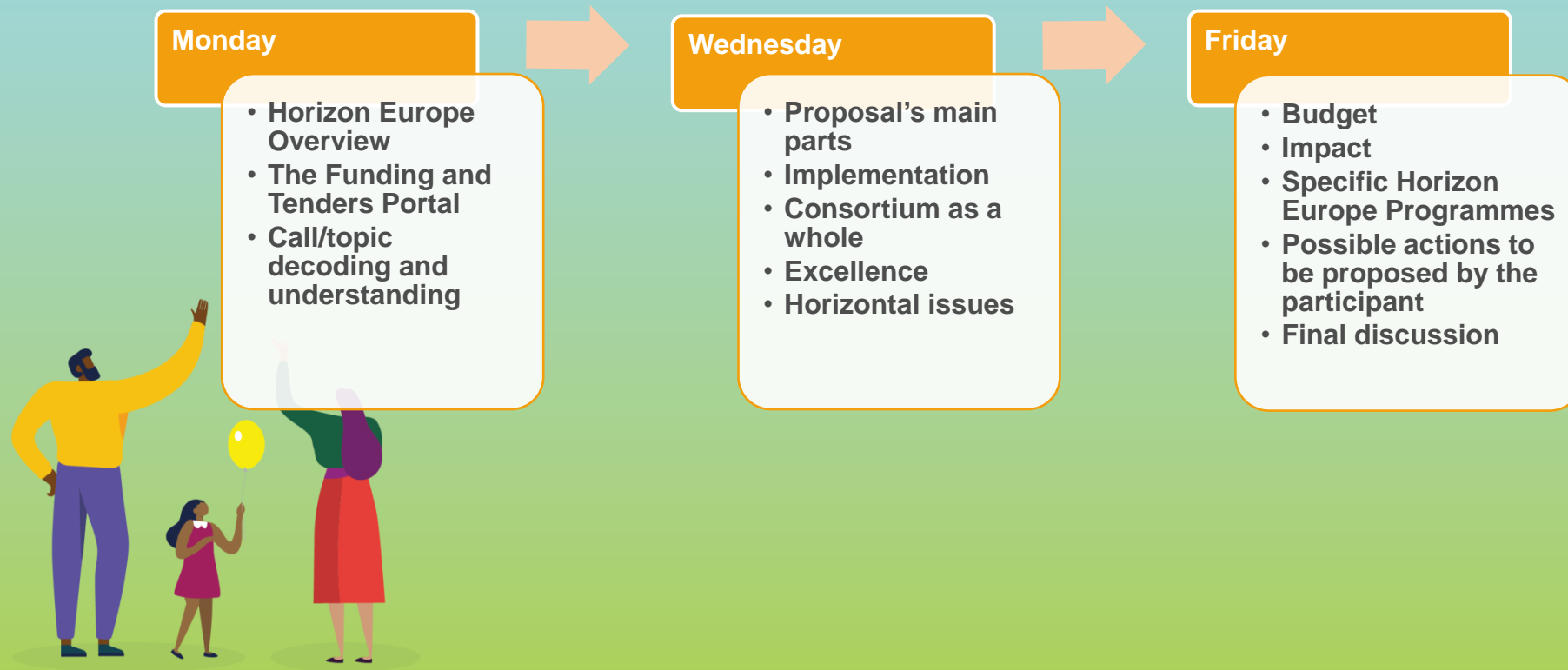


PROPOSAL WRITING CAMP

Session 1: Introduction



PROPOSAL WRITING CAMPS - THE PROCESS



Agenda

Day 1

- Introduction & Overview
- Horizon Europe Overview and identification of relevant funding lines and thematic areas
- The Funding and Tenders Portal - How to find the right call (*interactive*)
- **Evaluation criteria** and evaluation summary reports and assessing proposal part
- **Call/topic decoding and understanding** (*Group Work*)
- Recap of Day 1 & outlook on Day 2 & 3

Agenda

Day 2

- Introduction to proposal's main parts
- Implementation part overview
- **Drafting a Work Plan description** (*Group work*)
- Consortium as a whole
- Excellence part overview
- **Drafting Excellence** (*Group work*)
- Horizontal issues in Horizon Europe
- Identifying horizontal issues in the calls/topics addressed (*Group work*)
- Discussion, Q&A, Wrap-up of the two first days and orientations for Day 3

Agenda

Day 3

- **Budget** and eligible costs in Horizon Europe + Group Work
- Impact part overview
- **Drafting an impact section** (*Group work*)
- Presentation on specific Horizon Europe Programmes (e.g. MSCA, ERC, EIC)
- Identification of possible actions to be proposed by the participant's organizations (*interactive*)
- Final discussion and Q&A

HORIZON EUROPE – SHORT OVERVIEW

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



Pillar III INNOVATIVE EUROPE

European Innovation Council

European Innovation
Ecosystems

European Institute of
Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system



Mariya Gabriel, European Commissioner for Innovation, Research, Culture, Education and Youth

*“The programme aims at giving Europe a new push to a global positioning. Horizon Europe is to be **the biggest and most ambitious EU Research Innovation programme ever**. It builds on the **success of Horizon 2020** and improves it further by fostering a stronger support to **breakthrough innovation** through the European Innovation Council, by creating greater **impact** through **R&I missions** and by streamlining **partnerships** landscape.”*

Our Vision

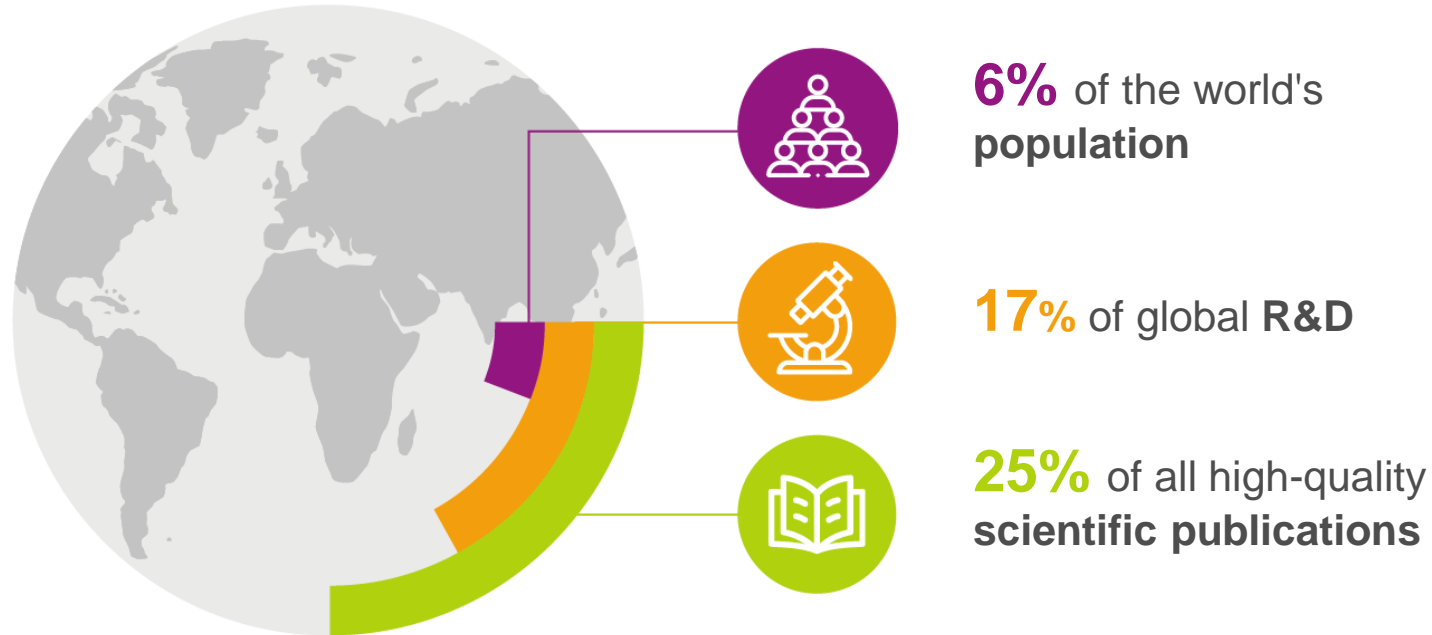
The EU's key funding programme for research and innovation:

- Tackles climate change
- Helps to achieve the UN's Sustainable Development Goals
- Boosts the EU's competitiveness and growth
- Facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges
- Supports the creation and better diffusion of excellent knowledge and technologies
- Creates jobs, fully engages the EU's talent pool, boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.



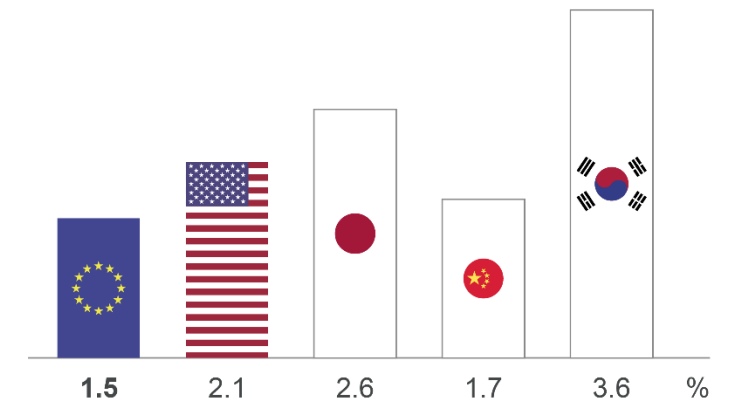
Credits: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

While benefiting from world-class research and strong industries... Our knowledge and skills are our main resources



...Europe can do better at transforming this into **leadership in innovation** and **entrepreneurship**

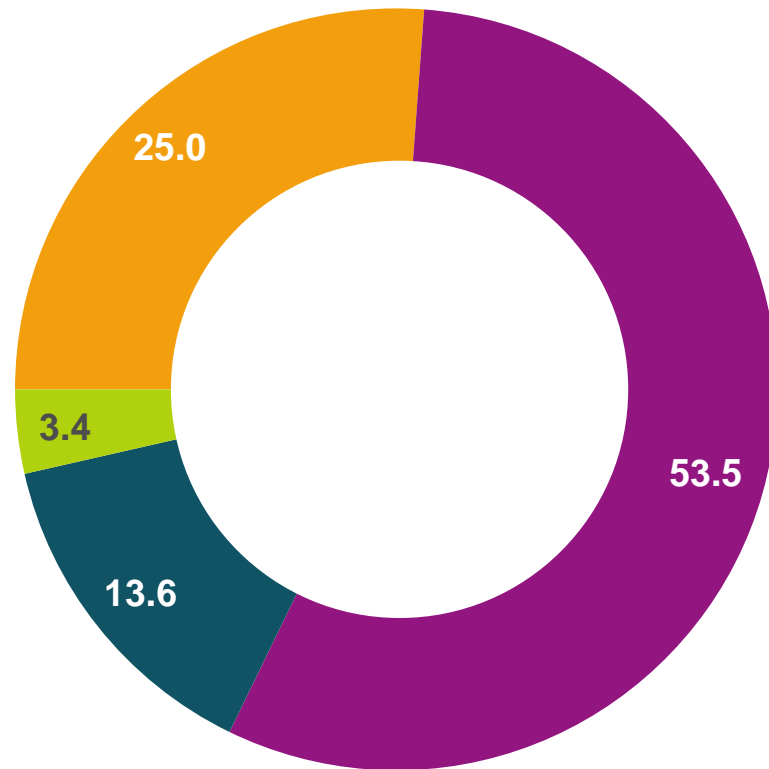
1.5% EU business R&D investment



*EU figure is for 2019
Figures for USA, Japan, China and South Korea are for 2018. Figures represent R&D as % of GDP*

Horizon Europe Budget: €95.5 billion (2021-2027)

(including €5.4 billion from NGEU – Next Generation Europe – programme of EU for Recovery from COVID-19 crisis)



Political agreement December 2020

€ billion in current prices

- Excellent Science
- Global challenges and European ind. comp.
- Innovative Europe
- Widening Part and ERA

Lessons Learned

from Horizon 2020 Interim Evaluation



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Rationalise partnerships' landscape



Reinforce openness



Strengthen international cooperation



Encourage participation



Key Novelties

in Horizon Europe

European Innovation Council

EU Missions

New approach to partnerships

Open science policy

Extended association possibilities

Spreading Excellence

EU framework programmes proved powerful for research & innovation impact

1.5 million

Collaborations from more than **150 countries**

3X

more often among **top 1% cited publications** compared to output in Member States

€48.2 million

Directed to coronavirus R&I just **seven days after the first EU case** reported

84%

of investments address Sustainable Development Goals; **30% address climate change**

double

the proposals received per year **compared to the previous programme**

19%

estimated labour productivity increase in funded companies **thanks to the programme***

statistics from Horizon 2020 evaluation and monitoring and *Framework Programme 7 JRC [research paper](#)



Horizon Europe

The ambitious EU research and innovation framework programme (2021-2027)



fuel EU's **scientific and technological excellence** and the strengthen the European Research Area (ERA)

**Science
& technology**



tackle policy priorities, including **green and digital transitions** and Sustainable Development Goals

Society



boost Europe's **innovation uptake, competitiveness** and **jobs**

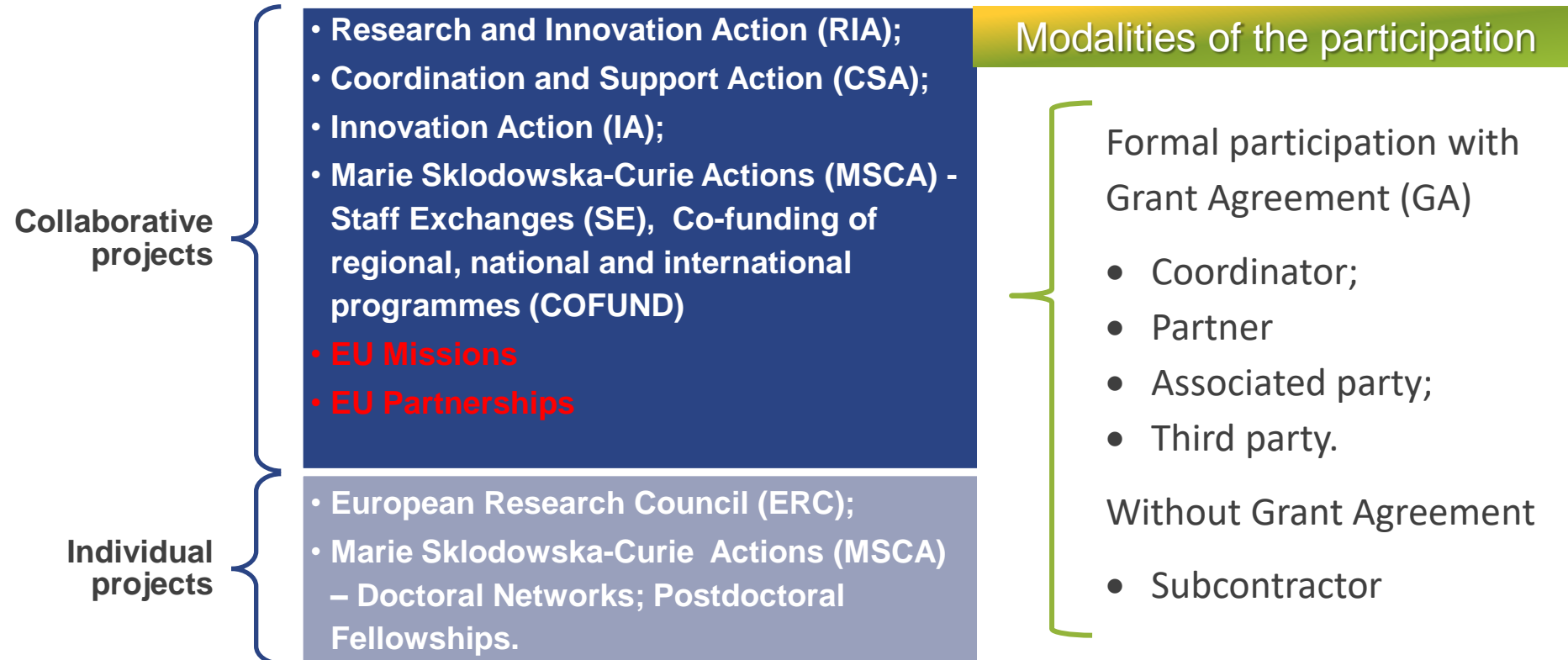
Economy

PROPOSAL WRITING CAMP

Overview Funding lines & TRL



Types of Actions/ Projects in Horizon Europe



Main type of Actions/ projects in Horizon EUROPE

<p>Research and Innovation Actions (RIA)</p> <p>Business Plan (TRL higher than 6)</p>	<p>=>What? Funding available for collaborative research projects tackling clearly defined challenges which can lead to the development of new knowledge or new technology.</p> <p>=>Who? Consortia of partners from different countries, industry and academia. Min. 3 legal entities established in 3 Member States or Associated Countries</p>
<p>Innovation Actions (IA)</p> <p>Business Plan (TRL higher than 6/ if stated in the application form)</p>	<p>=>What? Funding available for closer-to-the-market activities including prototyping, testing, demonstrating, piloting, scaling-up etc. for new or improved products, processes or services.</p> <p>=>Who? Consortia of partners from different countries, industry and academia. Min. 3 legal entities established in 3 Member States or Associated Countries</p>

Main types of Actions/ projects in Horizon Europe

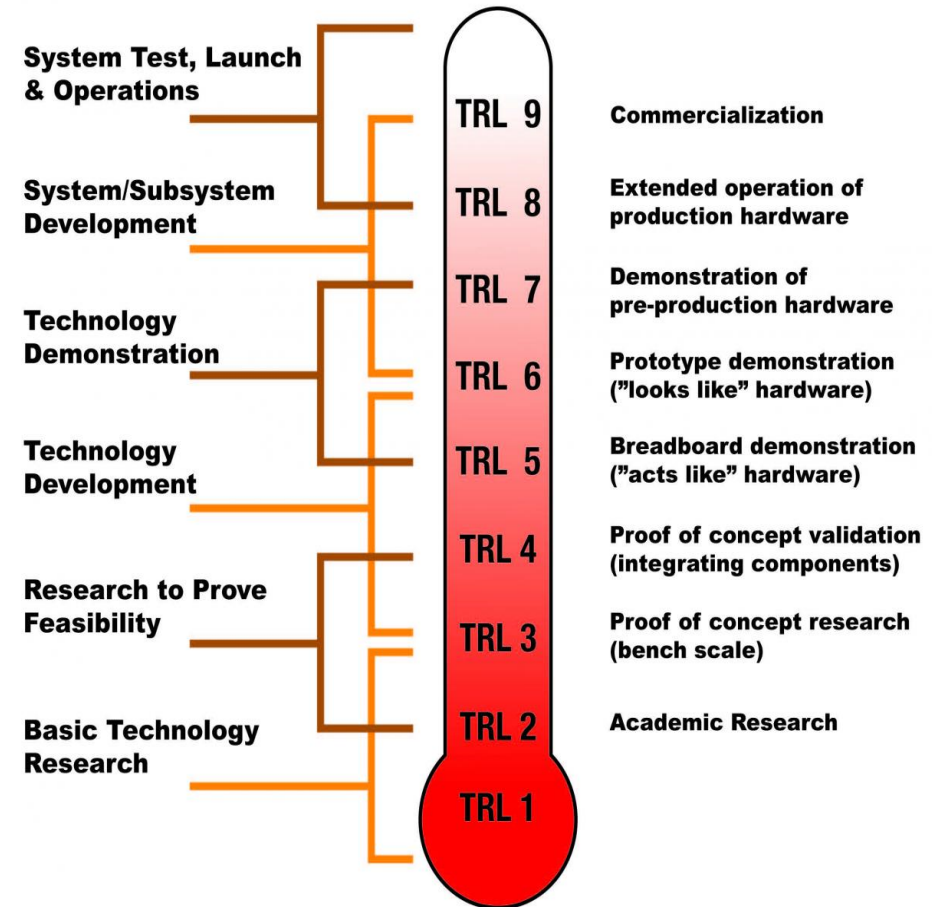
Coordination and Support Action (CSA)

=>What? Funding available for actions consisting primarily of accompanying measures, such as the coordination and networking of research and innovation projects, programmes and policies (e.g. training, dissemination, exploitation, standardization, policy dialogues, etc.). Funding for research and innovation per se not covered.

=>Who? Single entities or consortia of partners from different countries, industry and academia. Min. 1 legal entity established in 1 Member State or Associated Country

Technology Readiness Level

- ✓ Technology Readiness Levels (TRLs) is used as a measurement of the maturity level of particular technologies in Horizon 2020.
- ✓ Many of the call topics have a defined TRL at which the implementation of the proposal is intended to start, as well as a target TRL.

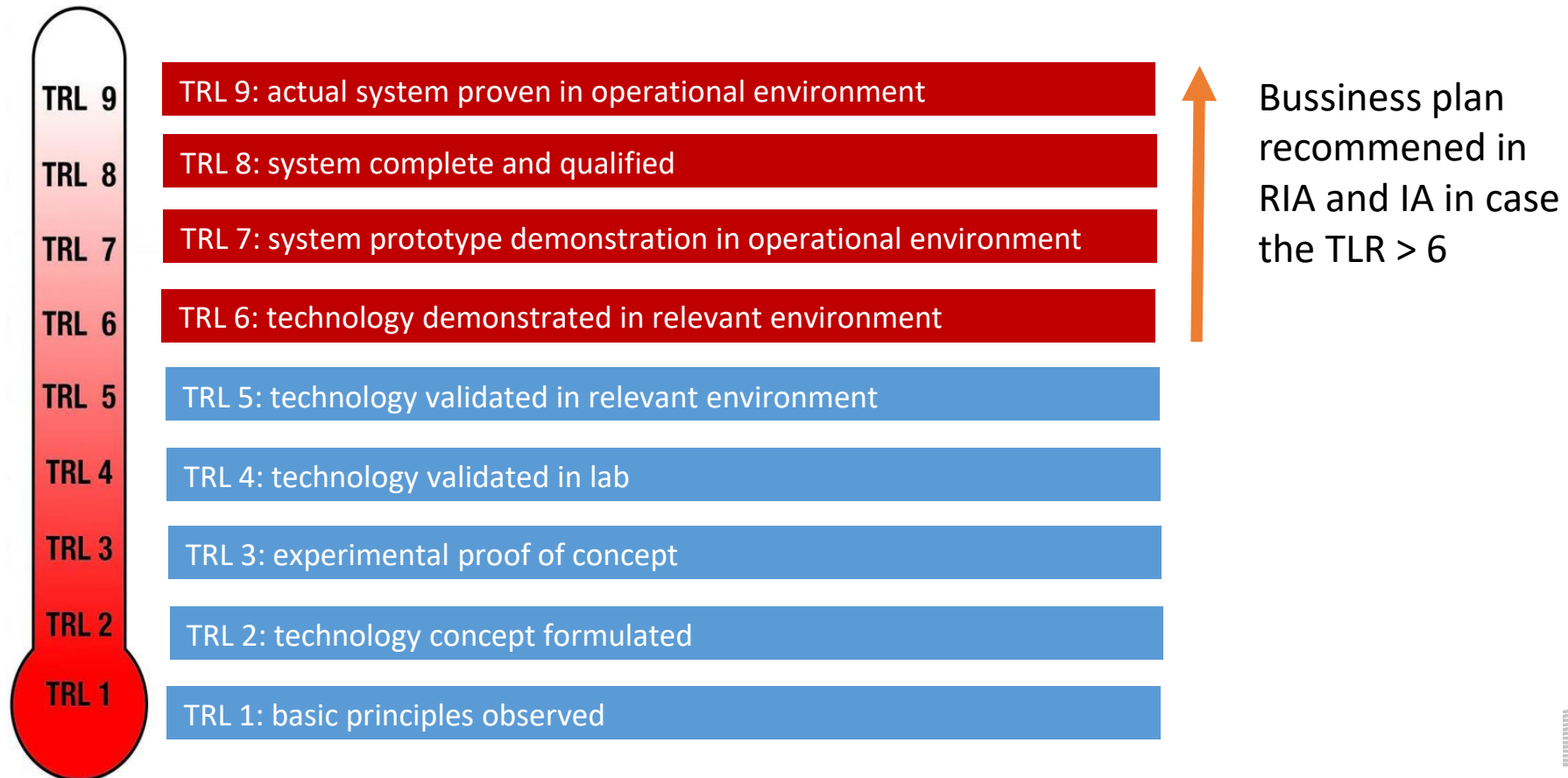


Technology Readiness Level

- This measurement system [provides a common understanding of technology status and addresses the entire innovation chain.](#)
- By evaluating a technology project against the parameters for each Technology Readiness Level one can assign a TRL rating to the project based on its stage of progress.
- There are nine technology readiness levels; TRL 1 being the lowest and TRL 9 the highest.

TRL and business plan

The higher Technology Readiness Level (TRL) means a more business- oriented project. close-to-market activities (TRL 6 till TRL 9) => RIA (if higher than TLR6)



Contact us!

- George Bonas
- Daniele Gizzi

- Global Service Facility of the EC



Thank you!

#HorizonEU

<http://ec.europa.eu/horizon-europe>



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