



HORIZON 2020

*Excellent Science
Global Challenges
Competitive Industries*

Open to the world!

EaPPLUS
Eastern Partnership +



ZENTRUM FÜR SOZIALE INNOVATION
CENTRE FOR SOCIAL INNOVATION

**EaP PLUS I Horizon 2020
Info Day, Kyiv, May 16,
2019**

**Philipp BRUGNER, ZSI –
Centre for Social
Innovation (Vienna, AT)**

I. Call decoding exercise – deconstructing a Horizon 2020 call

Administrative checks

- If you want to participate in a project proposal, your organisation needs to be registered and have a 9-digit **Participant Identification Code (PIC)**.
- You can verify whether your organisation is already registered and has a PIC on the **Participant Portal 'Beneficiary Register'** page:

<http://ec.europa.eu/research/participants/portal/desktop/en/organisations/register.html>

- If not, **you can start the registration process on the same page** and, once completed, get the PIC to be quoted in your proposal and in any correspondence with the Commission.

Grant

ECSEL-2019-2-RIA ECSEL-2019-2-RIA

Types of action: ECSEL Research and Innovation Action | **Programme:** Horizon 2020

Open for submission

Opening date: 06 February 2019

Deadline model: two-stage

Deadline date: 07 May 2019 17:00:00 Brussels time

Second stage deadline ▼

Grant

ARCHITECTURES, COMPONENTS, AND SYSTEMS FOR VALIDATION/SIMULATION OF CONNECTED AUTOMATED VEHICLES ECSEL-RIA-2019-2-Special-Topic-1

Types of action: ECSEL Research and Innovation Action | **Programme:** Horizon 2020

Open for submission

Opening date: 06 February 2019

Deadline model: two-stage

Deadline date: 07 May 2019 17:00:00 Brussels time

Second stage deadline ▼

Grant

EDGE COMPUTING ECSEL-RIA-2019-2-Special-Topic-2

Types of action: ECSEL Research and Innovation Action | **Programme:** Horizon 2020

Open for submission

Opening date: 06 February 2019

Deadline model: two-stage

Deadline date: 07 May 2019 17:00:00 Brussels time

Second stage deadline ▼

Grant

Building blocks for resilience in evolving ICT systems SU-ICT-02-2020

Security

Types of action: Research and Innovation action | **Programme:** Horizon 2020

Forthcoming

Opening date: 25 July 2019

Deadline model: single-stage

Deadline date: 19 November 2019 17:00:00 Brussels time

Topic
Identifier

Example: Building blocks for resilience in evolving ICT systems SU-ICT-02-2020

Specific
challenge

Specific challenge: Algorithms, software and hardware systems must be designed having security, privacy, data protection and accountability in mind from their design phase in a measurable manner. Relevant challenges include: (a) to develop mechanisms that measure the performance of ICT systems. [...]

Scope

Scope: Proposals are invited against at least one of the following three subtopics: **a) Cybersecurity/privacy audit, certification and standardisation b) Trusted supply chains of ICT systems c) Designing and developing privacy-friendly and secure software and hardware** [...]

Indicative
Budget

Indicative Budget: The Commission considers that proposals requesting a contribution from the EU of **between EUR 4 and 5 million** would allow this area to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.. [...]

Expected
impact

Expected Impact: **Short/medium term:** 1) Improved market opportunities for the EU vendors of security components 2) Increased trust both by developers using/integrating the ICT components and by the end-users of IT systems and services. **Long term:** 1) Advanced cybersecurity products and services will be developed improving trust in the Digital Single Market. 2) The use of more harmonized certification schemes will increase the business cases for cybersecurity services as they will become more reliable. [...]

Type of
action

Type of Action: **RIA Research and Innovation action / Deadline Model : single-stage / Planned opening date: 25 July 2019 / Deadline: 19 November 2019 17:00:00 Brussels time**

Partner
Search

54 Organisations are looking for collaborating partners for this topic

Budget
Overview

Call
updates

Any updates to the open call can be find at the very bottom of the page

Budget Overview

×

Topic	Budget (EUR) - Year : 2018	Budget (EUR) - Year : 2019	Budget (EUR) - Year : 2020	Stages	Opening date	Deadline
SU-ICT-04-2019 - IA Innovation action		15 000 000		single-stage	26 July 2018	14 November 2018
SU-ICT-03-2018 - RIA Research and Innovation action	50 000 000			single-stage	01 February 2018	29 May 2018
SU-ICT-02-2020 - RIA Research and Innovation action			47 000 000	single-stage	25 July 2019	19 November 2019
SU-ICT-01-2018 - IA Innovation action	40 000 000			single-stage	15 March 2018	28 August 2018

Topic
conditions and
documents


Eligibility criteria, templates, rules for participation

Get support

Contacts to help you (also in Ukrainian language through local NCPs)



Deconstructing a call text

- **Specific Challenge:** introduces the problem/question at stake
 - **Scope:** presents what exactly is expected to be done
 - **Expected impacts:** lists what is supposed to be achieved
- 
- Objectives => Specific challenge
 - Relation to the work programme => Scope
 - Concept and approach => TRL, (inter)national activities linked to the project,...
 - Ambition=> beyond the state-of-the-art and innovation potential

- (1) Planned Title of the project:
- (2) Objectives/Aim of the project:
- (3) Project background:
- (4) Expected results and lead users of these results:
- (5) How do you want to achieve these objectives?
Work phases of the project:
- (6) Which partner expertise is necessary to achieve these objectives? Consortium in brief:
- (7) Planned duration of the project:
- (8) Expected budget:

Remember to work with the right documents!

Work Programme

General annexes to the general Work Programme

Submission forms and templates

Annotated Model Grant Agreement

Desca Model Consortium Agreement

Guidance documents (ethics, open access etc.)

II. Key terminology and impact in Horizon 2020

Key terminology (1)

- **Innovation:** The process, including its outcome, by which new ideas respond to societal or economic needs and demand and generate new products, services or business and organisational models that are successfully introduced into an existing market or that are able to create new markets and that contribute value to society
- **Innovation Management:** Overall management of all activities related to understanding needs, with the objective of successfully identifying new ideas, and managing them, in order to develop new products and services which satisfy these needs
- **Intellectual Property Rights (IPR):** The legal rights granted with the aim of protecting the creators of the intellect. These rights include Industrial Property Rights and Copyright and Related Rights

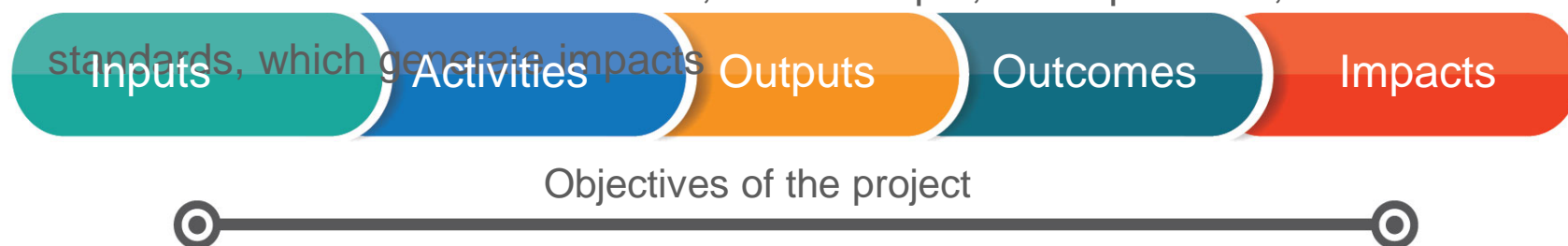
Key terminology (2)

- **Dissemination:** Sharing research results with potential users - peers in the research field, industry, other commercial players, and policymakers
- **Exploitation:** The use of results in further research activities other than those covered by the action concerned, or in developing, creating and marketing a product or process, or in creating and providing a service, or in standardisation activities
- **Communication:** Taking strategic and targeted measures to promote the project and its results to a multitude of audiences

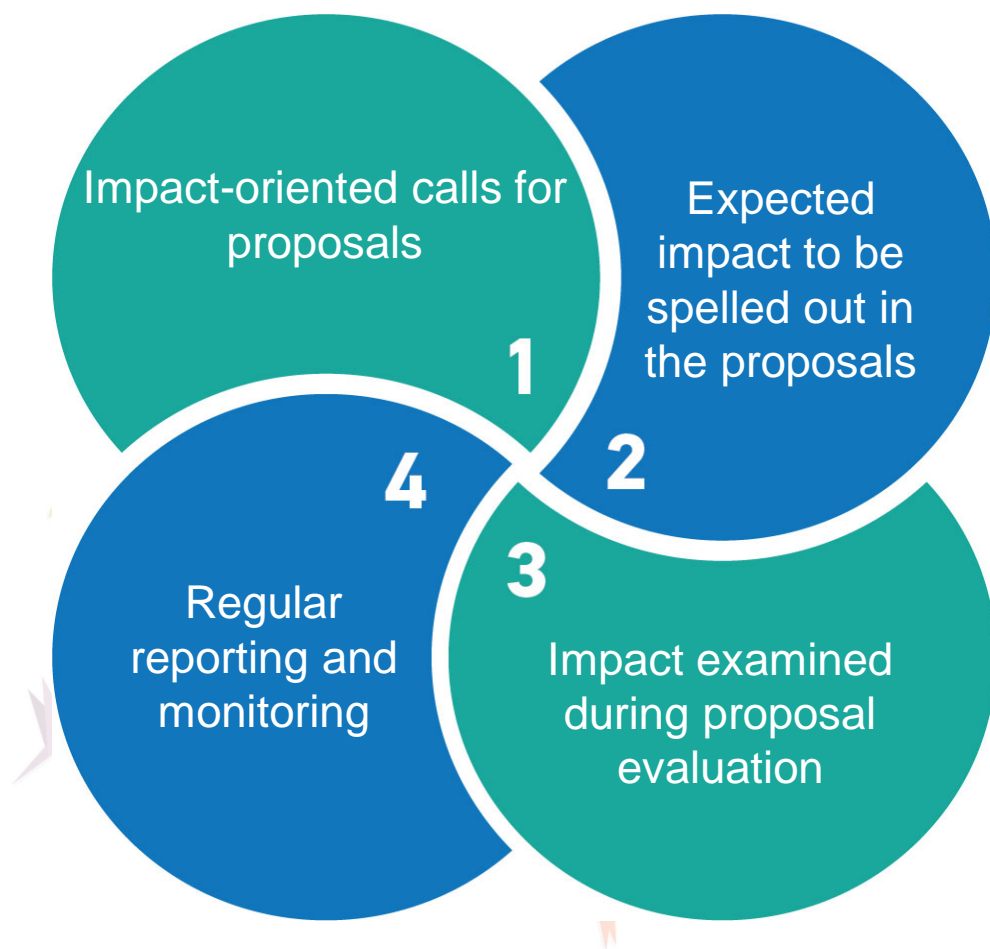
2. Impact in Horizon 2020: a brief overview

What is meant by impact in terms of research/ innovation projects?

- **Impact:** The changes or benefits to the economy, society, culture, public policy or services, health, the environment or quality of life, derived from the innovation
- Impact is assessed alongside research outputs to provide an evaluation of research taking place within a firm or an institution
- As such, research outputs, for example, knowledge generated and publications, can be translated into outcomes, for example, new products, services and standards, which generate impacts

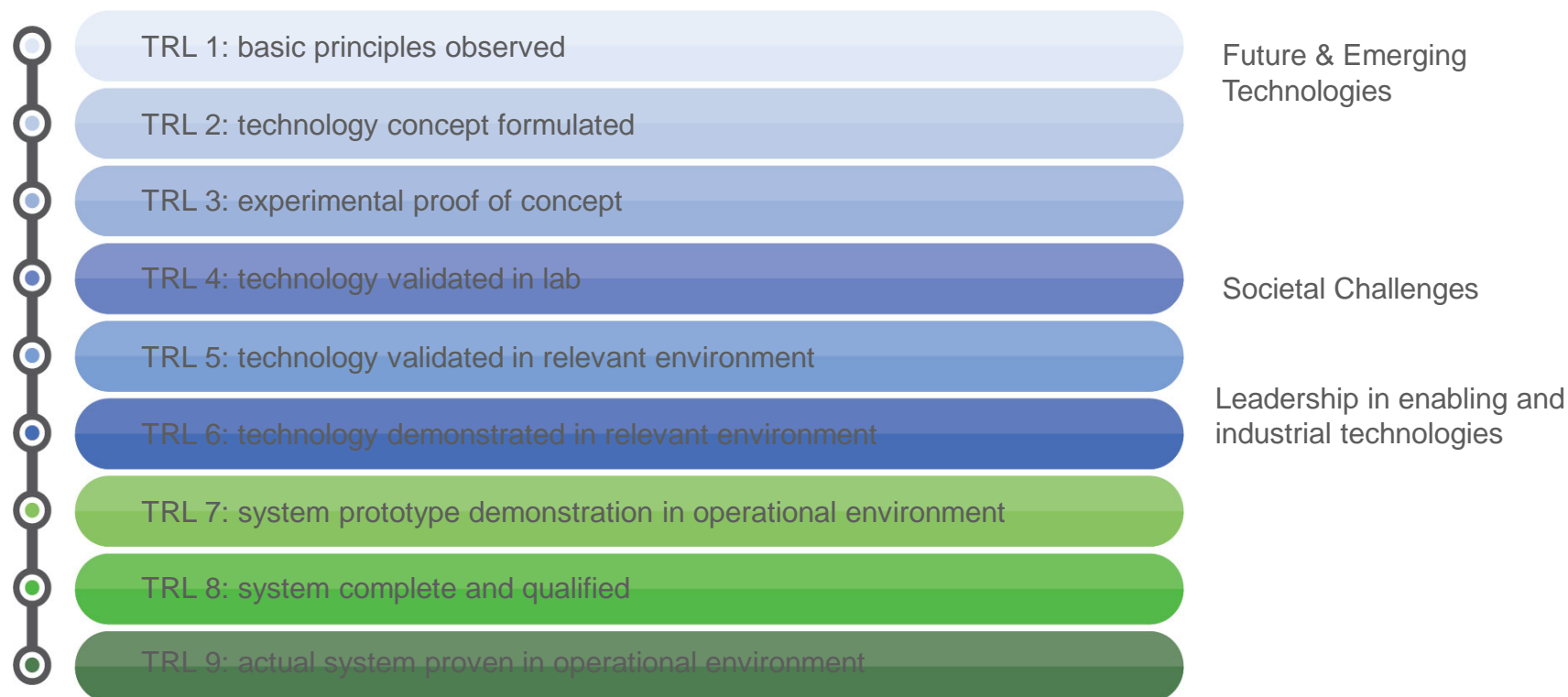


An impact-oriented approach at all stages of Horizon 2020



- Built-in innovation and impact orientation:
 - challenge-based approach
 - funding all the way from lab to market
 - enhanced involvement of business, in particular Small and Medium-sized Enterprises (SMEs)

Varying expected impact depending on the Technology Readiness Level (TRL) in Horizon 2020



TRL in Horizon 2020 is used to assess the maturity level of a particular technology

Key performance indicators → impact



Excellent Science

- Percentage of publications from ERC funded projects which are among the top 1% highly cited
- Publications in peer-reviewed high impact Journals
- Patent applications and patents awarded in Future and Emerging Technologies
- Cross-sector and cross-country circulation of researchers, including PhD Candidates
- Number of researchers who have access to research infrastructures through support from Horizon 2020

Key performance indicators → impact



Industrial Leadership

- Patent applications and patents awarded in the different enabling and industrial technologies
- Percentage of participating firms introducing innovations
- Number of joint public private publications
- Total investments mobilised (from different funds)
- Number of organisations funded and amount of private funds leveraged
- Percentage of participating SMEs introducing innovations
- Growth and job creation in participating SMEs

Key performance indicators → impact

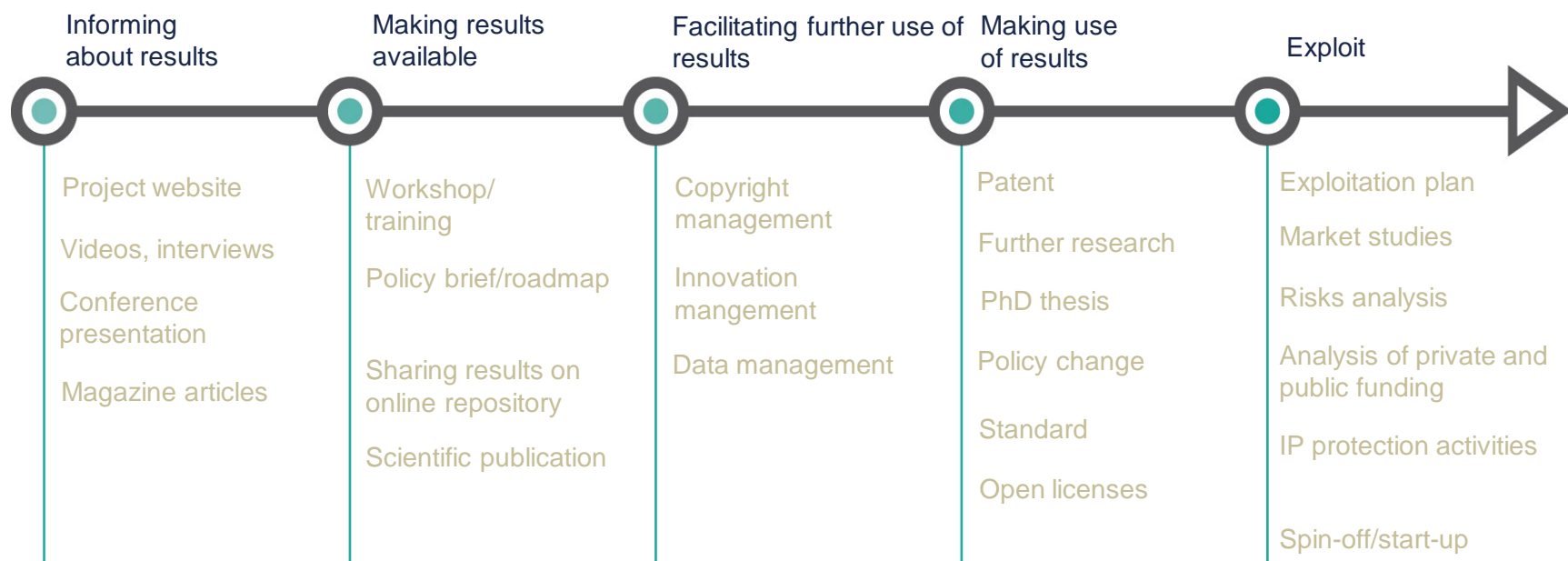


Societal Challenges

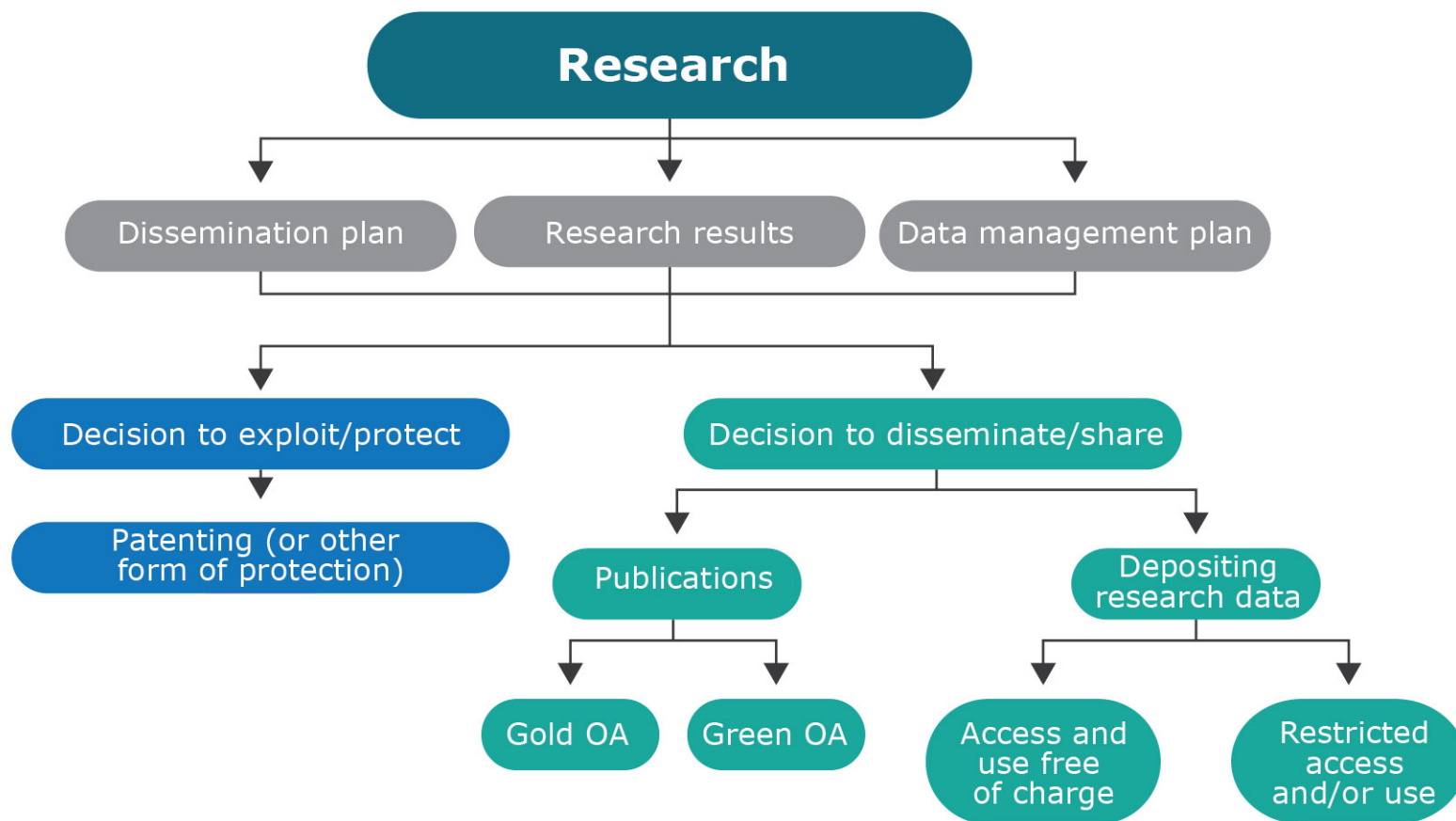
- Publications in peer-reviewed high impact journals in this area
- Patent applications and patents awarded in this area
- Number of prototypes and testing activities
- Number of joint public-private publications
- New products, processes, and methods launched into the market
- Percentage of the respective Societal Challenge funds allocated to related research activities

Example of communication, dissemination and exploitation activities (the path leading to impact)

In order to create visibility for project achievements and to ensure knowledge spillover and access to a broader public, a broad variety of different dissemination channels can be used:



5. Open access to publications and open data



Key messages about impact and exploitation in Horizon 2020

- Horizon 2020 has an impact oriented approach; impact is one of the three evaluation criteria in the proposals
- Horizon 2020 projects balance research and innovation, and deliver technologies that drive competitiveness and growth, tackling global challenges
- Horizon 2020 encourages collaboration between researchers, industry (including SMEs) and citizens
- Maximising impact is key for proposal and project success
- International cooperation partners add value to the impact and success of proposals/projects in different ways
- Horizon 2020: open access to publications and research data

II. STRUCTURE OF THE PROPOSAL (RIA)

Part A

(online form)

- Administrative forms

Part B

(to be uploaded
as pdf PDF)

- Excellence
- Impact
- Implementation
- Members of the consortium
- Ethics and Security

General Proposal Structure and Length

Part A	Part B	Part B
Online forms	Standard: RIA/IA	70 pages
	Standard: CSA	50 pages
	ERC	25 pages
	FET OPEN	16 pages
	FET PROACTIVE	30 pages
	MSCA (ITN/RISE)	30 pages
	MSCA (Individual Fellowships)	10 pages
	SME Phase I	10 pages
	SME Phase II	30 pages
	Fast Track to Innovation	30 pages
		Additional Information

PART A: administrative forms

1. General information
2. Participants & contacts
3. Budget
4. Ethics
5. Call-specific questions

European Commission - Research - Participants
Proposal Submission Forms
Directorate-General for Research and Innovation

Proposal ID Acronym

1 - General information

Topic Type of action

Call identifier Acronym

Proposal title*
Max 200 characters (with spaces). Must be understandable for non-specialists in your field.

Duration in months
Estimated duration of the project in full months.

Fixed keyword 1

Free keywords
Enter any words you think give extra detail of the scope of your proposal (max 200 characters with spaces).

Abstract

Short summary (max 2,000 characters, with spaces) to clearly explain:
- the objectives of the proposal,
- how they will be achieved
- their relevance to the work programme.
Will be used as the short description of the proposal in the evaluation process and in communications with the programme management committees and other interested parties.
- Do not include any confidential information.
- Use plain typed text, avoiding formulae and other special characters.
If the proposal is written in a language other than English please include an English version of this abstract in the "Technical Annex" section.

Remaining characters 2000

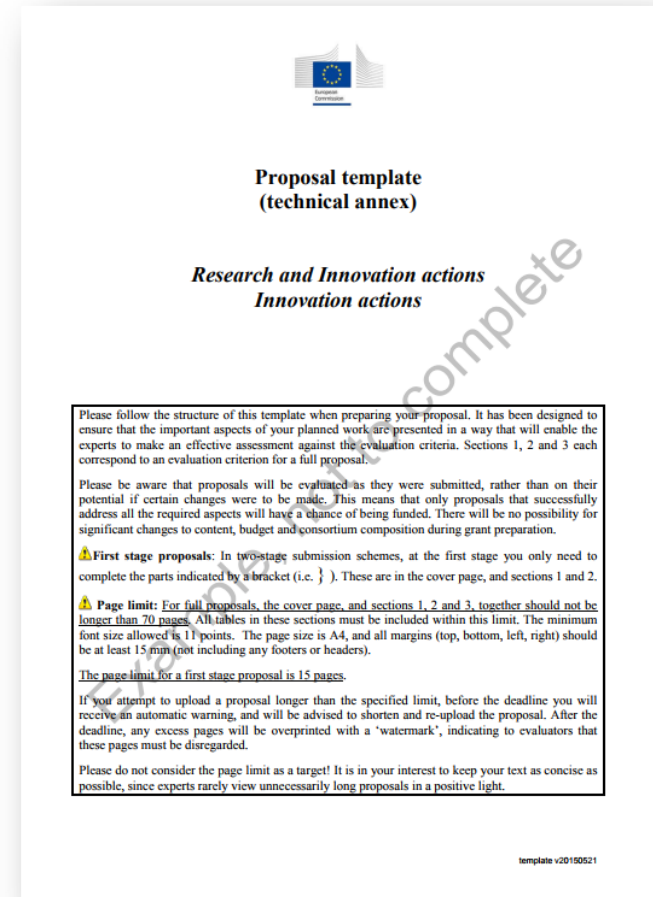
Has this proposal (or a very similar one) been submitted in the past 2 years in response to a call for proposals under the 7th Framework Programme, Horizon 2020 or any other EU programme(s)? ☐

Please give the proposal reference or contract number.

H2020-CP.pdf - Ver1.39 20131218 Page 2 of 11 Last saved 19/12/2013 at 16:06

PART B: research proposal

1. Excellence (science)
2. Impact
3. Quality and Efficiency of the Implementation
4. Members of the Consortium
5. Ethics and Security Issues



Writing the proposal: PART B 1-5

1: Excellence

- › 1.1 Objectives
- › 1.2 Relation to the work programme
- › 1.3 Concept and methodology
- › 1.4 Ambition

2. Impact

- › 2.1 Expected impacts
- › 2.2 Measures to maximise impact
- › Dissemination and exploitation of results
- › Communication activities

3. Implementation

- › 3.1 Work plan – work packages, deliverables
- › 3.2 Management structure, milestones and procedures
- › 3.3 Consortium as a whole
- › 3.4 Resources to be committed

4-5

- › 4 Members of the consortium
- › 4.1 Participants
- › 4.2 Third parties
- › 5 Ethics and Security
- › 5.1 Ethics
- › 5.2 Security

Part B: 3 Proposal Key Aspects = 3 Evaluation Criteria

Excellence

Why do I want to conduct this project? What are my objectives? What is the basis?

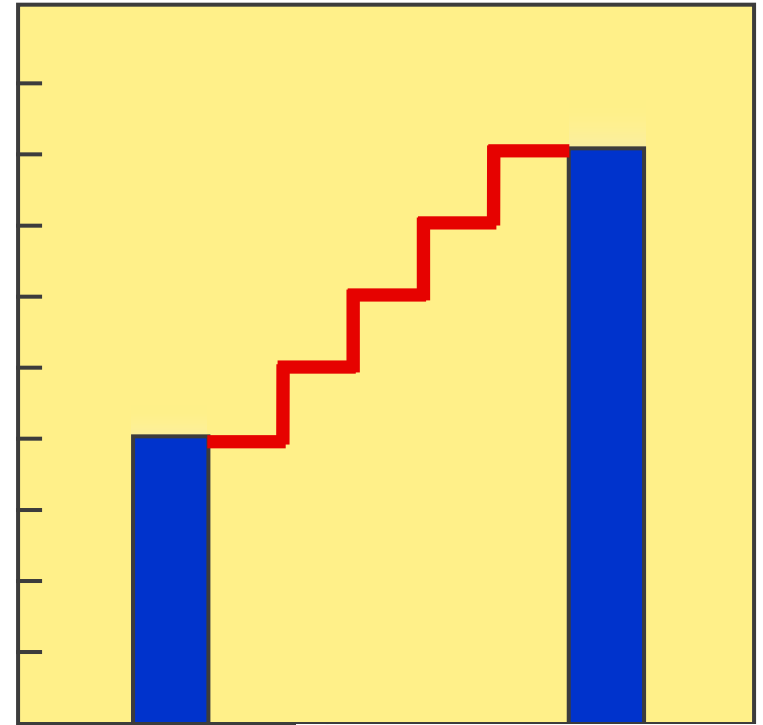
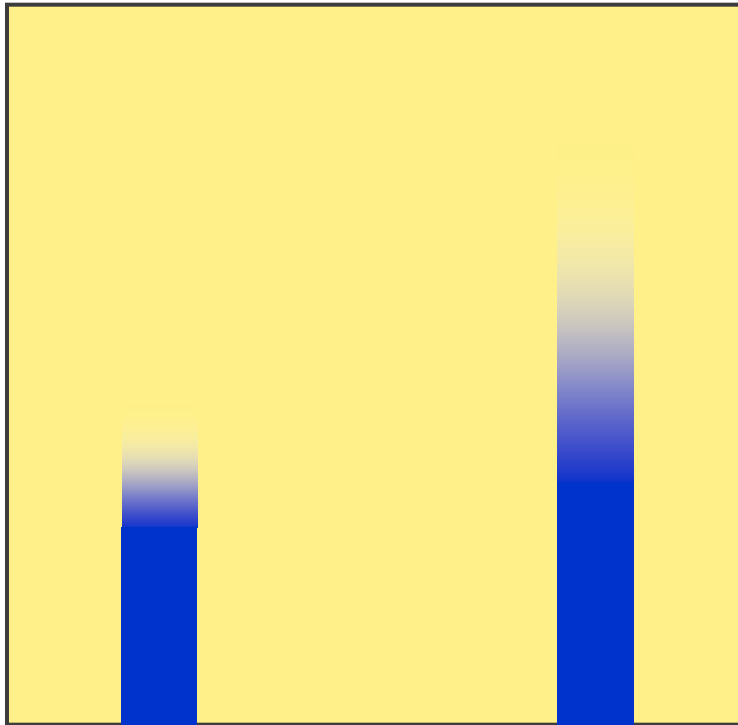
Impact

What will be the benefits during this project and beyond?

Implementation

How will I conduct this project?

These two graphs illustrate a secret to success

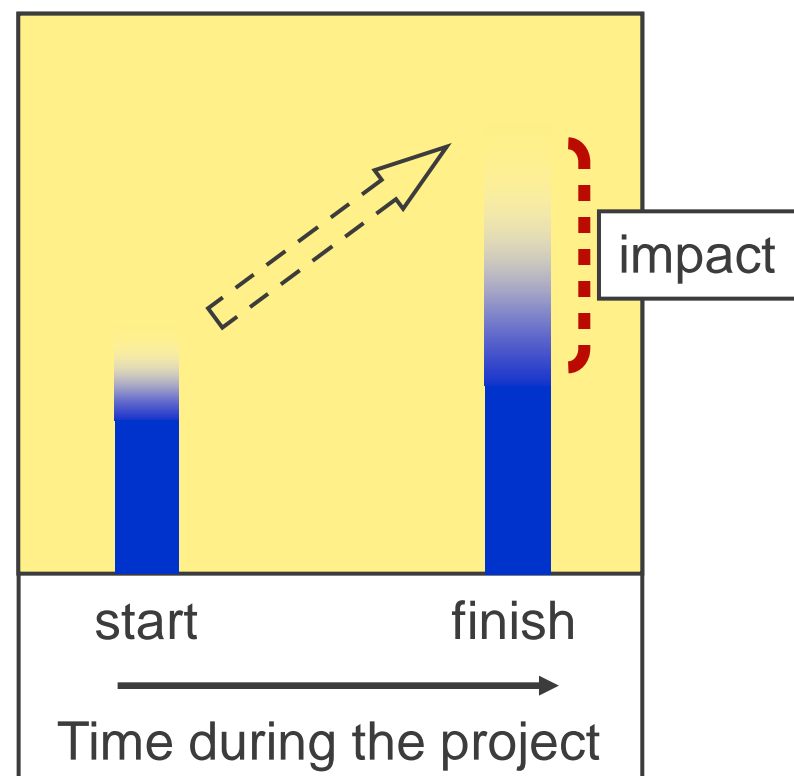


Your project is expected to have significant impact which needs to be clearly described.

A proposal that has

- Poor definition of starting point
(poor needs analysis).
- Poor definition of how to get to
the finishing point
(description of activities).
- Poor definition of finishing point
(poor impact analysis)

will not be successful.

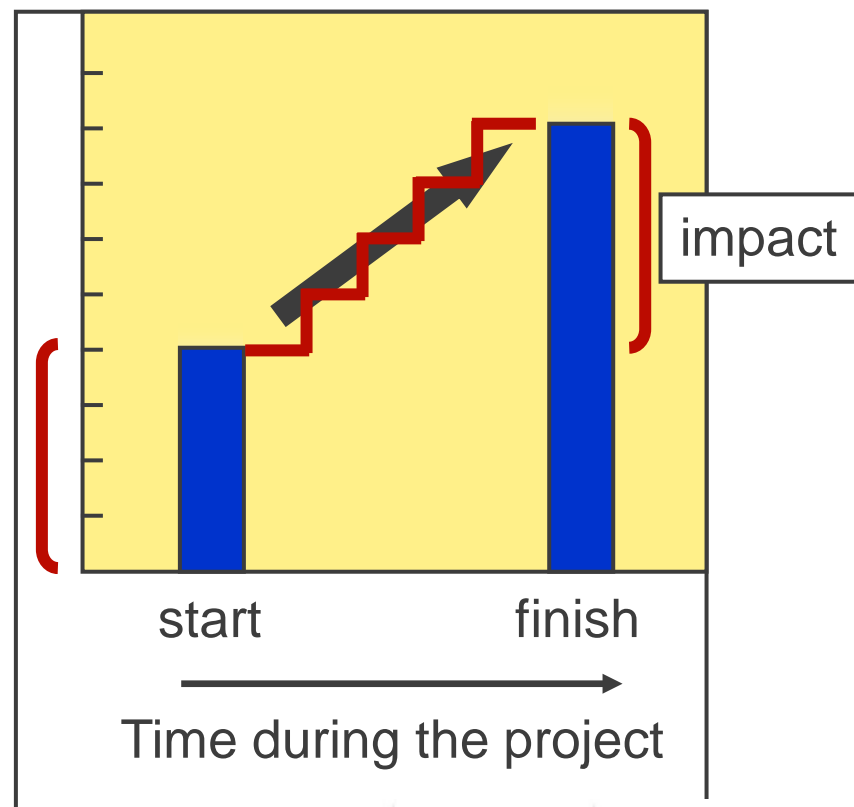


Your project is expected to have significant impact which needs to be clearly described.

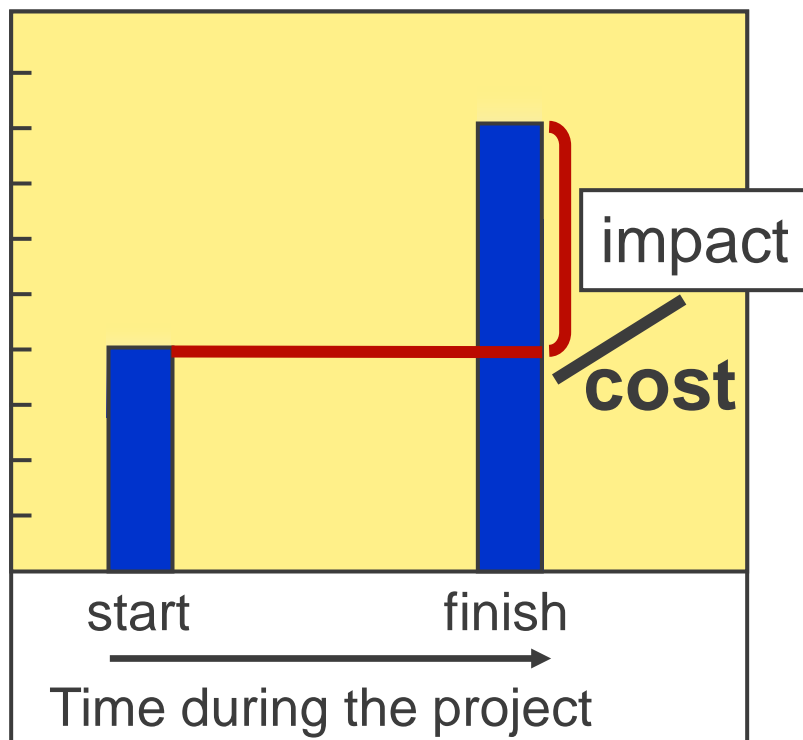
Your proposal has got to be the one that gives the best definition of

- where you start from
- where you will get to
- how you will get there:

i.e. describing the activities (the steps up the ladder) with plenty of quantified detail.

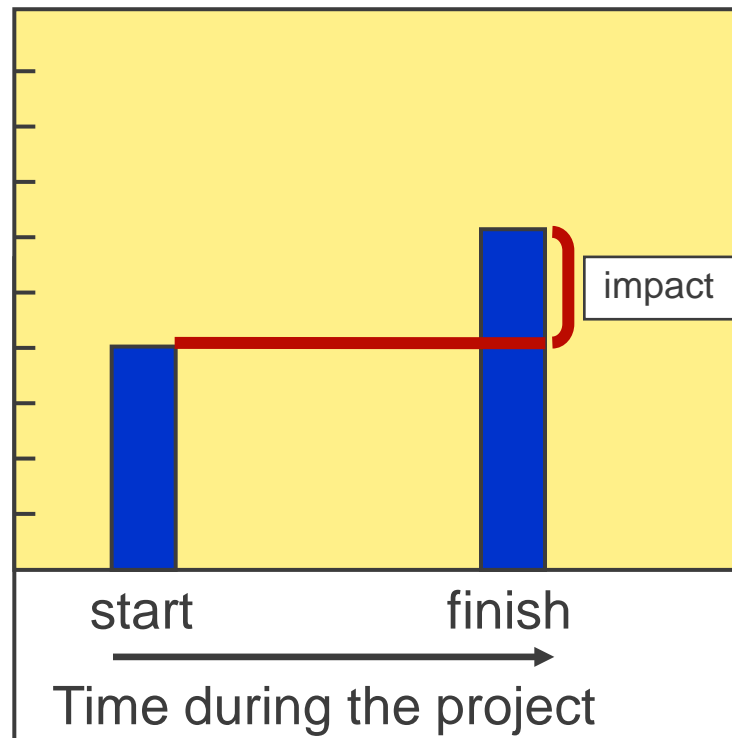


Your successful proposal also demonstrates best value for money.

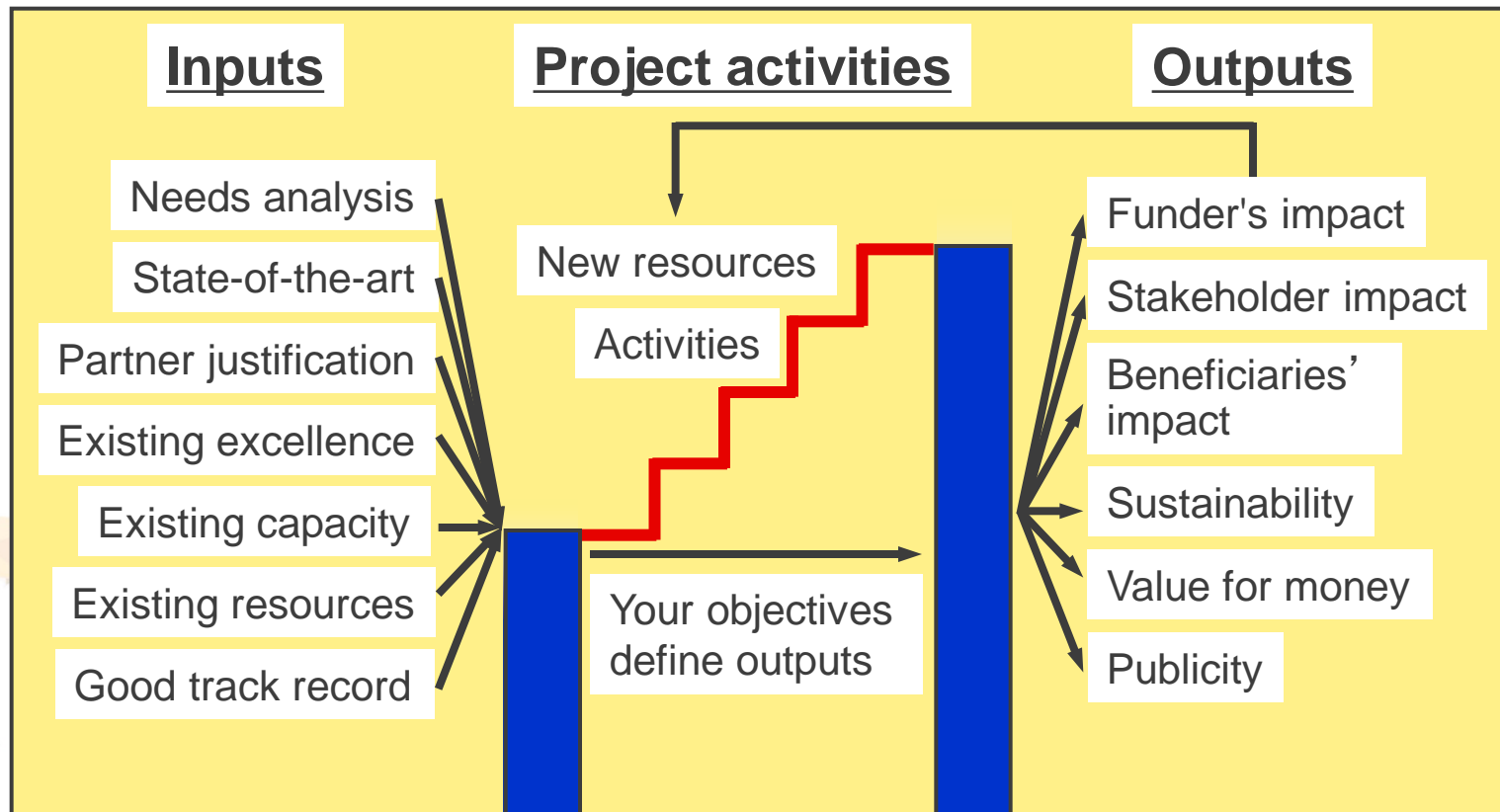


**If two proposals claim the same impact,
the funding requested is a selection
criterion**

Your proposal needs to be ambitious!



How do you get rid of the fog in the bars?



Make your proposal the best

- ❖ Implement the instructions
- ❖ Provide evidence for your statements to convince the evaluators.
- ❖ Give details of activities to be carried out to demonstrate the ability to reach sufficient impact.
- ❖ Ensure that text of different parts of the proposal is consistent

Read and implement the instructions

Read background documents and instructions carefully (every page)!

Read the funding objectives, eligibility criteria and *impact* expected for projects, as well as evaluation criteria and Guide for Applicants.



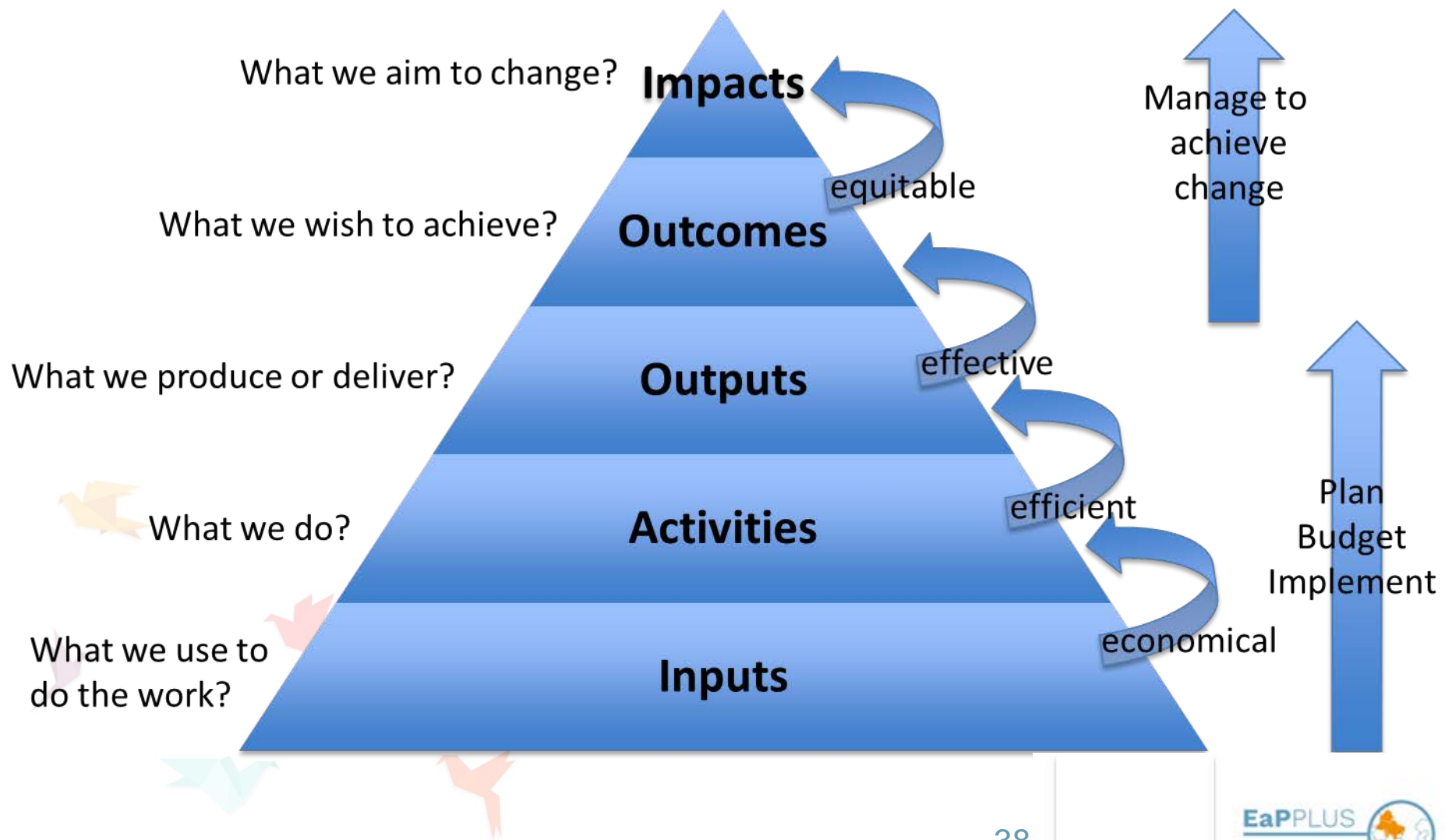
Thus, if it says maximum length 10 pages for a section, don't write 12 pages! [Excess pages are ignored!]



Here's an excerpt from an interview with Sami Makelainen (Finland) - a regular H2020 evaluator:

“Surprisingly many try to go over the page limit. So, there is a page limit and we are instructed to ignore the pages that go over the page limit,

“and still there are proposals that go 20 or 30 or even 40 pages beyond the page limit, and they just end up being scored very poorly just because of that.”



Suggestion: Find a S.M.A.R.T objective

Specific

- must meet the needs (problems) identified

Measurable

- should be measured by concrete indicators which should reflect the extent to which they have been attained

Achievable

- to all involved partners

Realistic / Relevant

- Realistic with the resources available and relevant to
- the project's environment



Discussion

Inputs

Activities

Outputs

Outcomes

Impact



Part B: Excellence

1.1. Objectives (of the project)

Core questions:

- What should be achieved (for the expected impact)?
→ No description of the work plan (implementation)
- What problem/challenge should be addressed?
- What are the primary and secondary objectives? Do they match with the objectives of the topic?
- Counter-check topic text carefully
- Project objectives are linked to your concept and approach

Part B: Excellence

1.2 Relation to the work programme

- Demonstrate how you address the call, Specific Challenge & Scope of the topic description

→ use a table to consider all important points

- Refer to EU strategies and policies

→ general overview on the topics of the EU:

https://europa.eu/european-union/topics_en



Part B: Excellence

1.3. Concept and methodology – concept II

- Describe any national or international (research and innovation) activities which will be linked with the project, especially where the outputs from these will feed into the project;
 - Are there synergies or complementarities without the projects?
 - How do you ensure an exchange with these projects/results?
 - What is the state-of-the-art? Are there previous results you build on?

Part B: Impact

The extent of benefits for...

- Science
- Environment
- Society
-  • Technological progress
- Economy/competitiveness
-  • ...

→ Focus on Europe

→ Focus depends on type of action/Call

Part B: Impact

2.1 Expected impacts I

- Be specific! If possible, use quantitative statements
- In relation to the expected impact from the topic description – how can you contribute?
- You can use a table
- Explain the impact of the results of the objectives of the project, which goes beyond the topic description
- Go for scientific advances, innovation potential, competitiveness of Europe
- Discussion of potential barriers/obstacles, which might influence reaching the objectives. How would you deal with that?
- Be convincing for evaluators

Part B: Impact

2.1 Expected impacts II

- Who benefits from the results? Impact on the several stakeholders
- Think one step ahead: which further opportunities go beyond the direct impact?
- For future research?
- For market/competitiveness?
- Concerning EU context: Which EU policies, strategies and objectives do you support?
- Laws, market habits etc.
- Output should be concrete, but realistic

Part B: Impact

2.2a Dissemination and exploitation of results

- What exploitable results are expected?
- What are potential applications?
- Are the dissemination and exploitation strategies suitable?
- How will the results be made available?
- Timeframe and target groups for dissemination / exploitation?
- What skills do the partners have and how are they used?
- What are the tasks of the project management?

Part B: Impact

Open Access (OA)

Green Open Access

- OA documents server (institutional or disciplinary)
- Publication up to 6 or 12 month later
- Consider copyrights

Gold Open Access

- First publication in OA-journal
- Publication fee (eligible in project budget)
- OA-journals: <http://doaj.org>

If you publish you have to use open access.
Check <https://www.openaire.eu/>

Part B: Impact

2.2b Communication activities

What can be done to promote your project and your results?

- Identify concrete target groups and targets
- Consistency with the Draft Plan for Dissemination and Exploitation
- Effective Management, clear responsibilities, reasonable resources
- Suitable devices and medium

Examples for Communication Activities

- Think about target groups
- Logo, website, fact sheet, presentations, press release, newsletter, social media...
- Simple Language & Pictures
- Media/journalists
- Material without copyright for distribution?
- Make use of all channels of communication
- Use press contacts of European Commission
- Coordination of activities of the partners
- Specify concrete objectives

→ **Communication strategy**

Part B: 3. Implementation – 3.1. Work Plan – Work packages, deliverables

- Structure of the project and the stages, and the should present the interaction and description of all **work packages**
- Key questions:
 - ✓ What should be done?
 - ✓ What is it needed what for? Why
 - ✓ When should it be done?
 - ✓ How much from what?- intending to achieve on the basis of resources
- **Consistency** with excellence & impact!

Part B: 3. Implementation – 3.1. Work Plan – Work packages, deliverables

Please provide the following:

brief presentation of the overall structure of the work plan

timing of the different work packages and their components (Gantt chart or similar);

detailed work description, i.e.:

- ✓ a description of each work package (table 3.1a);

- ✓ a list of work packages (table 3.1b);

- ✓ a list of major deliverables (table 3.1c);

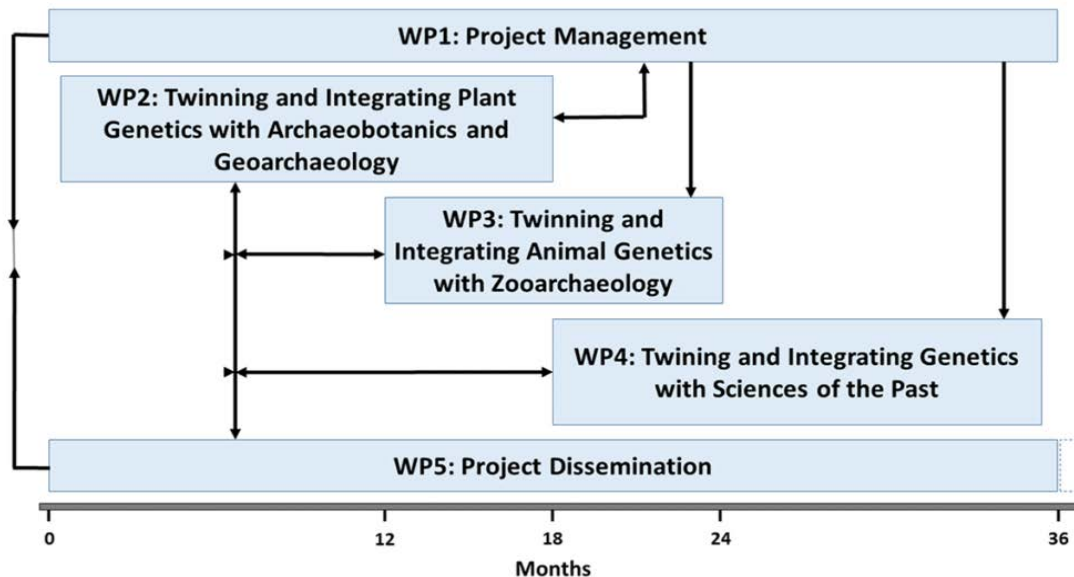
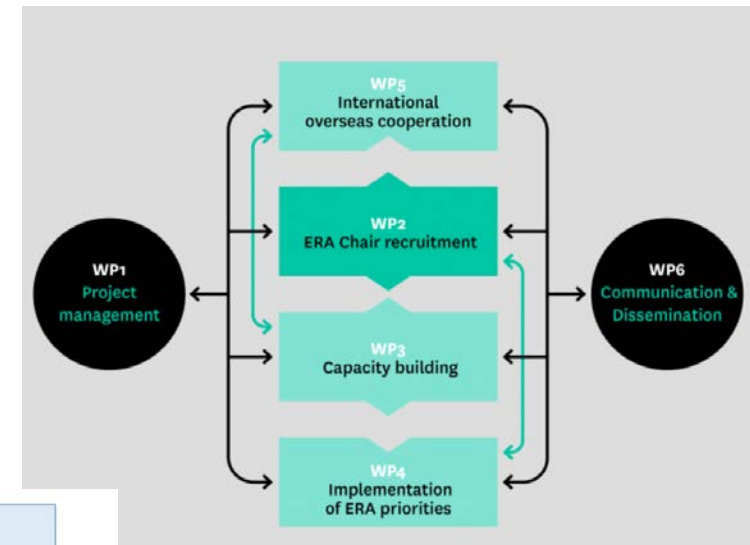
graphical presentation of the components showing how they inter-relate (PERT chart or similar).

Gantt Chart: work over time

WP	Task	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
WP1	Coordination and Project Management	WP LEADER APRE																																				
	Task 1.1 Consortium Management	M					SC							M						SC							M											M
	Task 1.2 Technical Management			D																																		
	Task 1.3 Project Administration																			D																		D
WP2	Creation of the framework	WP LEADER WEcR																																				
	Task 2.1 Review on barriers and opportunities for the development of bio-based value chains				D																																	
	Task 2.2 Stakeholders (quadruple helix) interests' and motivations' identification					D																																
	Task 2.3 Mapping bio-based products (applications) based on stakeholders' interests								D																													
	Task 2.4 Guidelines for the design of the BIOVoices MML approach											D																										
WP3	Bio-based Community building	WP LEADER CE																																				
	Task 3.1 Classification of stakeholders groups			D																																		
	Task 3.2 Creation of the stakeholders' database																																					D
	Task 3.3 Focus group with the initial													D																								
	Task 3.4 BIOVoices methodological approach for MML to foster bio-based value chains															D																						
WP4	Creation of the on line BIOVoices social platform and on line mutual learning activities	WP LEADER FVA																																				
	Task 4.1 Design and implementation of a sustainable BIOVoices multi-stakeholder on line social platform						D																													D		
	Task 4.2 Population of the BIOVoices multi-stakeholder on line platform with contents												D																									D
	Task 4.3 Animation of the multi-stakeholders Platform																											D										D
	Task 4.4 Social Media innovative engagement and animation																			D								D										D
WP5	BIOVoices Mobilisation and Mutual Learning Events	WP LEADER PEDAL																																				
	Task 5.1 BIOVoices European MML																											D										D
	Task 5.2 BIOVoices National MML																																					
	Task 5.3 BIOVoices Local/Regional MML																																					
	Task 5.4 Action Plan to raise citizen's awareness and foster collaboration among stakeholders																																					D
WP6	BIOVoices Dissemination, Communication and Exploitation	WP LEADER LOBA																																				
	Task 6.1: Strategy for Impact, Dissemination and Communication				D																																	
	Task 6.2: Execution of the Dissemination and Communication Plan		D	D										D													D											D
	Task 6.3 Exploitation and Sustainability						D																															
	Task 6.4 BIOVoices final event																																					D

M: Meeting;
SC: Steering Committee
D: Deliverables

PERT Diagram: Work Package interrealtions



Consortium



Part B, 3. Implementation – 3.3 Consortium as a whole

- How does the consortium as a whole reach the objectives?
- Complementarity of partners?
- Are you covering all objectives and impact of the topic?
- What does every single partner contribute to this? Does everyone have an appropriate and relevant role in the consortium?
- Do you have partners from third countries?
- Overview of competences of every partner organisation e.g. via a matrix of responsibilities
- Individual members are described in part 4 of the proposal

*Why this
specific
partner?*

*Key
qualifications*

TIPs

- Do not submit at the **last minute!**
- Do not hesitate to submit **several versions.**
- **Strictly** respect the **templates** and length limitations.
- **Check** the completeness and quality of your forms and files.
- Take time to **familiarize** yourself with the proceedings.
- Read all the **documents provided by the EC**

Ethics



Already checked in the A-Forms

Proposal ID	Acronym
4 - Ethics issues table Not required for stage 1	
1. HUMAN EMBRYOS/FOETUSES	
Does your research involve <u>Human Embryonic Stem Cells (hESCs)</u> ?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Will they be directly derived from embryos within this project?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they previously established cells lines?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Does your research involve the use of human embryos?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Can you confirm that your research will not destroy those embryos?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Does your research involve the use of human foetal tissues / cells?	<input type="radio"/> Yes <input checked="" type="radio"/> No
2. HUMANS	
Does your research involve human participants?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Are they volunteers for social or human sciences research?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they persons unable to give informed consent?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they vulnerable individuals or groups?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they children/minors?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they patients?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they healthy volunteers for medical studies?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Does your research involve physical interventions on the study participants?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Does it involve invasive techniques?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Does it involve collection of biological samples?	<input type="radio"/> Yes <input checked="" type="radio"/> No
If your research involves processing of genetic information, see also section 4.	
3. HUMAN CELLS / TISSUES	
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses, i.e. section 1)?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Are they available commercially?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are they obtained within this project?	<input type="radio"/> Yes <input checked="" type="radio"/> No

5 - Call specific questions

Declarations on stage-2 changes

The full stage-2 proposal must be consistent with the short outline proposal submitted to the stage-1- in particular with respect to the proposal characteristics addressing the concepts of excellence and impact.

Are there substantial differences compared to the stage-1 proposal? ☐ Yes ☒ No

Extended Open Research Data Pilot in Horizon 2020

If selected, applicants will by default participate in the [Pilot on Open Research Data in Horizon 2020](#)¹, which aims to improve and maximise access to and re-use of research data generated by actions.

However, participation in the Pilot is flexible in the sense that it does not mean that all research data needs to be open. After the action has started, participants will formulate a [Data Management Plan \(DMP\)](#), which should address the relevant aspects of making data FAIR – findable, accessible, interoperable and re-usable, including what data the project will generate, whether and how it will be made accessible for verification and re-use, and how it will be curated and preserved. Through this DMP projects can define certain datasets to remain closed according to the principle "as open as possible, as closed as necessary". A Data Management Plan does not have to be submitted at the proposal stage.

Furthermore, applicants also have the possibility to opt out of this Pilot completely at any stage (before or after the grant signature). In this case, applicants must indicate a reason for this choice (see options below).

Please note that participation in this Pilot does not constitute part of the evaluation process. Proposals will not be penalised for opting out.

We wish to opt out of the Pilot on Open Research Data in Horizon 2020. ☐ Yes ☒ No

If opting out please indicate the reason(s) for not being able to participate in the Pilot:

- the project does not generate any data ☐
- to allow the protection of results (e.g. patenting) ☐
- incompatibility with the need for confidentiality linked to security ☐
- incompatibility with privacy/data protection ☐
- achievement of the project's main aim would be jeopardised ☐
- other legitimate reasons ☐

Please specify the reason:

Remaining characters 300

Importance of Research Ethics in Horizon 2020

Research ethics is crucial for all scientific domains (NOT only in Life Sciences).

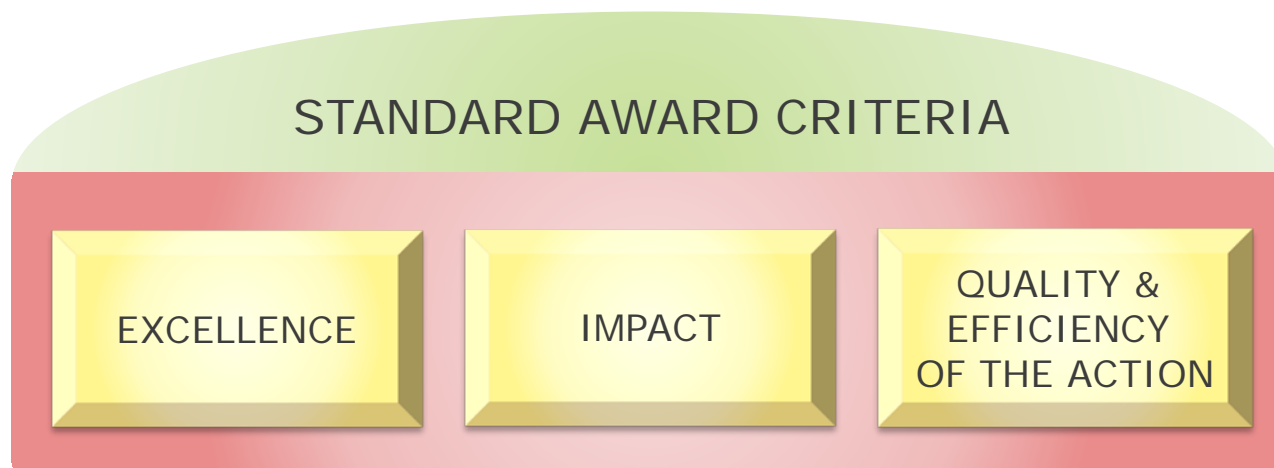
For example:

- Data protection & Privacy
- Dual use issues
- Environmental risks and safety issues
- Research integrity aspects

In Horizon 2020, all proposals considered for funding will be submitted to an Ethics Review procedure.

Only proposals that comply with ethical principles and legislation may receive funding!

III. The Evaluation Process



- ✓ **ERC** frontier Research actions only EXCELLENCE
- ✓ Innovation actions higher weighting for "IMPACT"

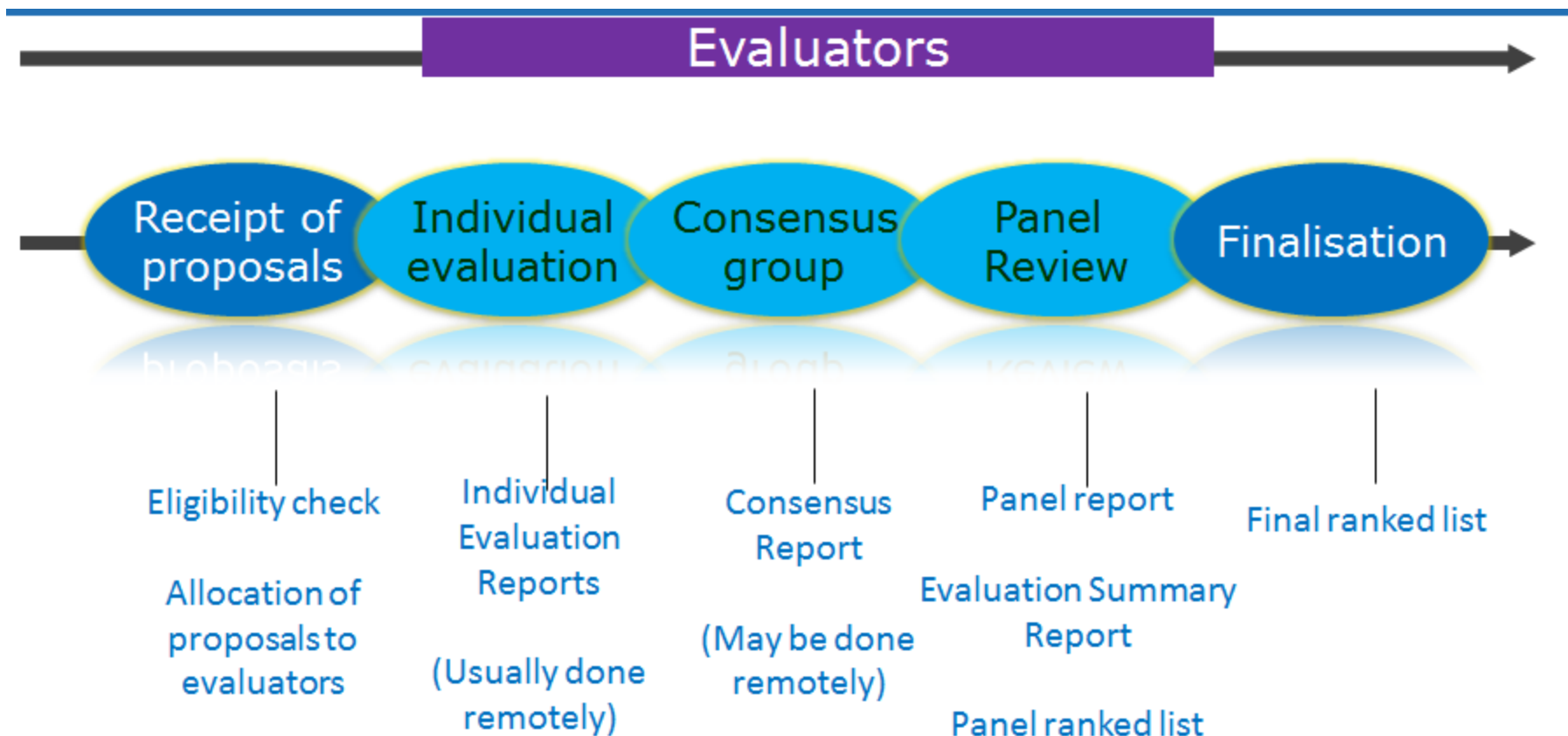
Proposal evaluated by the experts “as it is”
and not as “what could be” = no need for negotiation

Evaluation criteria (Example for RIA proposal)

Excellence	Impact	Implementation
Clarity and pertinence of the objectives	Expected impacts as described in the topic	Coherence and effectiveness of the work plan
Credibility of the approach	Enhancing innovation capacity	Appropriate allocation of tasks and resources
Soundness of the concept	Strengthen the competitiveness and growth of companies	Complementarity of participants
Ambition, innovation potential (beyond state of the art)	Dissemination of project results	Appropriate management structures and procedures
Min 3 out of 5	Min 3 out of 5	Min 3 out of 5
Overall: Min 10 out of 15		

For up-to-date information see: http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/from-evaluation-to-grant-signature/evaluation-of-proposals/elig_eval_criteria_en.htm

Overview of the evaluation process



How to become an EXPERT / EVALUATOR?

Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields ([see calls for experts for details](#))
- can be available for occasional, short-term assignments

REGISTER AS EXPERT

In order to access the expert registration form, you are first asked to login with a valid Participant Portal (EU Login) account. If you do not have it yet, it easy to [create your Portal \(EU Login\) account](#).

Registered experts

- Registered experts can complete or **update their profile** at any time by [logging-in](#) to their Portal account (EU Login) and accessing **My Expert Area**.
- Your profile is only available to the Commission for consideration once it is complete and valid.
- Should you get a contract as independent expert, please check that the Bank Account on which you want to be paid is still valid before you introduce a request for payment.

Thank you for your attention!

**EaP PLUS I Horizon 2020 Info Day
Kyiv, May 16, 2019**

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Sources for this presentation: Publicly available ppts of the European Commission, DG Research & Innovation and other Horizon 2020 EU Framework Programme funded projects, Own personal sources