

H2020 Proposal Making

*P. Ignatiadis,
Praxi Network*

MASTER CLASS ON H2020

Email: ignatiadis@help-forward.gr

URL: www.help-forward.gr

Outline

- Guidance and information
- H2020 rules for participation
- Submit your proposal
- Evaluation process
- Cross-cutting features

Guidance and information



H2020 Calls

Call and all necessary documentation are published on the Research Participant Portal

<http://ec.europa.eu/research/participants/portal>

- *User friendly Participant Portal*
- *Easy to find funding opportunities*
- *Interaction with EC services through ECAS login*



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT ▼

 LOGIN

 REGISTER



On this site you can find and secure **funding** for research & innovation projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)

Non-registered users

- search for funding
- read the funding guide & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle



WHAT'S NEW?



FUNDING OPPORTUNITIES



HOW TO PARTICIPATE



WORK AS AN EXPERT



MY PERSONAL AREA



INFORMATION AND SUPPORT



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Funding Opportunities

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT



LOGIN



REGISTER

Horizon 2020

Calls

Search Topics

Call Updates

FP7 & CIP Programmes

Calls

Call Updates

COSME

Other Funding Opportunities



Funding Opportunities

H2020 ONLINE MANUAL

Find the European Union funding opportunities and search for new or closed calls, grouped by the following programmes:

- Horizon 2020 - EU research funding from 2014
- Seventh Framework Programme (FP7)
- Competitiveness and Innovation Framework Programme (CIP)
- other research and innovation programmes

Horizon 2020



Horizon 2020 is the new EU funding programme for research and innovation running from 2014 to 2020 with a €70 billion budget. The first calls for proposals for Horizon 2020 are envisaged for **December 2013**. Its simplified rules and submission and grant management tools should facilitate participants' tasks. For practical guidance, see the [H2020 online manual](#).

H2020 supports **SMEs** with a new instrument that runs throughout various funded research and innovation fields, so it should be easy for SMEs to find opportunities in many calls.

H2020 also aims to enhance EU **international research cooperation** so there are more opportunities for Third Country participation.

Having built H2020 around the main societal challenges like an ageing population, food security, energy efficiency, the EU attaches high importance to embed **socio-economic sciences and humanities** into the work programme.

Another important priority of the Commission is to ensure **gender** is embedded in the design of Horizon 2020 project proposals.

FP7 and CIP - previous programmes

FP7 and CIP are previous instruments to fund research and innovation activities in Europe for the period 2007 to 2013. You can view closed calls information of these programmes.

COSME

Programme for the Competitiveness of Enterprises and SMEs (COSME) will run from 2014 to 2020, with a planned budget of €2.3bn. It will facilitate SME access to finance, create supportive environment for business creation, help small businesses operate outside their home countries and improve their access to markets.

Other Funding Opportunities

This page lists additional research activities, initiatives executed by several Member States or joint programmes, co-funded calls, thematic opportunities, and intergovernmental actions.

Call updates

The page displays the latest updates to the calls, like change of deadlines.

Search

The call search tool has several filtering options to help you select funding opportunities that are most relevant to your activities.



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT



LOGIN



Horizon 2020

Search Topics

Calls

Call Updates

Other EU Programmes 2014-2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

FP7 & CIP Programmes 2007-2013

Calls

Call Updates

Other Funding Opportunities

Horizon 2020 Calls for Proposals

Excellent Science

- ☐ European Research Council
- ☐ Future and Emerging Technologies
- ☐ Marie Skłodowska-Curie actions
- ☐ Research infrastructures

Industrial Leadership

- ☒ Leadership in enabling and industrial technologies (LEIT)
- ☐ Access to risk finance

Status

- ☒ Forthcoming
- ☐ Open
- ☐ Closed

ICT

FILTER

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

Sort by



Title



Call Id



Planned Opening Date



Deadline Date

Industrial Leadership

ICT 2015 - Information and Communications Technologies
H2020-ICT-2015

Deadlines: 14/04/2015

Planned Opening Date: 15/10/2014

In addition to the search facilities, the full list of H2020 Calls can be found [here](#).



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT ▼

LOGIN

REGISTER

Horizon 2020

Calls

Search Topics

Call Updates

FP7 & CIP Programmes

Calls

Call Updates

COSME

Other Funding Opportunities

0
Results

Keyword Search:

SEARCH

If you don't find your topic, you can also use the [free text search](#).

Status

☒ Open

☐ Closed

☐ Forthcoming

Sort by

☒ Title

☐ Call Id

☐ Publication Date

☐ Deadline Date

In addition, [see all the open calls](#) of [Marie Skłodowska-Curie actions \(MSCA\)](#) and [European Research Council \(ERC\)](#) grants for individual researchers of any nationality and research teams. The MSCA grants include opportunities for companies and SMEs. **The MSCA and ERC grants are not restricted to specific topics.**

Quick finder for topics linked to H2020 cross-cutting priorities:

[Cross-cutting Key-Enabling Technologies \(KETs\)](#)

[ERA-NET](#)

[Gender](#)

[Contractual Public-Private Partnerships \(cPPPs\)](#)

[International cooperation](#)

[SME Instrument](#)

[Socio-economic sciences and humanities](#)



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

[HOME](#)
[FUNDING OPPORTUNITIES](#)
[HOW TO PARTICIPATE](#)
[EXPERTS](#)
[SUPPORT](#)

[LOGIN](#)

[REGISTER](#)

Horizon 2020

[Search Topics](#)
[Calls](#)
[Call Updates](#)

Other EU Programmes 2014-2020

[Research Fund for Coal & Steel](#)
[COSME](#)
[3rd Health Programme](#)
[Consumer Programme](#)

FP7 & CIP Programmes 2007-2013

[Calls](#)
[Call Updates](#)
[Other Funding Opportunities](#)

3
Results

Keyword Search:

SEARCH

If you don't find your topic, you can also use the [free text search](#).

Status

☐ Open

☐ Closed

☒ Forthcoming

Sort by

☒ Title

☐ Call Id

☐ Publication Date

☐ Deadline Date

Topic: [SME business model innovation:INSO-10-2015](#)

Specific Challenge: Technologies and services as such do not have a specific value. Their value is

Call title: [Horizon 2020 dedicated SME Instrument - Phase 2 2015](#)

Status: **Forthcoming**

Call identifier: [H2020-SMEINST-2-2015](#)

Deadline: 16-12-2015

Topic: [SME business model innovation:INSO-10-2015-1](#)

Specific Challenge: Technologies and services as such do not have a specific value. Their

Call title: [Horizon 2020 dedicated SME Instrument - Phase 1 2015](#)

Status: **Forthcoming**

Call identifier: [H2020-SMEINST-1-2015](#)

Deadline: 16-12-2015

Topic: [Technologies for creative industries, social media and convergence:ICT-19-2015](#)

Specific Challenge: The demand is growing for high-quality content and new user experiences. At

Call title: [ICT 2015 - Information and Communications Technologies](#)

Status: **Forthcoming**

Call identifier: [H2020-ICT-2015](#)

Deadline: 14-04-2015



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Opportunities

[HOME](#)
[FUNDING OPPORTUNITIES](#)
[HOW TO PARTICIPATE](#)
[EXPERTS](#)
[SUPPORT](#)

[LOGIN](#)

[REGISTER](#)

Horizon 2020

[Search Topics](#)
[Calls](#)
[Call Updates](#)

Other EU Programmes 2014-2020

[Research Fund for Coal & Steel](#)
[COSME](#)
[3rd Health Programme](#)
[Consumer Programme](#)

FP7 & CIP Programmes 2007-2013

[Calls](#)
[Call Updates](#)
[Other Funding Opportunities](#)

ICT 2015 - Information and Communications Technologies

H2020-ICT-2015

Planned Opening Date	15-10-2014	Deadline Date	14-04-2015 17:00:00 (Brussels local time)
Publication date	23-07-2014	Main Pillar	Industrial Leadership
Total Call Budget	€561,000,000		

Status

Forthcoming

Topic: Technologies for creative industries, social media and convergence

ICT-19-2015

[Topic Description](#)
[Topic Conditions & Documents](#)
[Submission Service](#)

Specific Challenge: The demand is growing for high-quality content and new user experiences. At the same time, thanks to ubiquitous technology adoption, widespread use of mobile devices, broadband internet penetration and increasing computing power the consumption of content anywhere, anytime and on any device is becoming a reality. Consequently, developments related to content creation, access, retrieval and interaction offer a number of opportunities and challenges, also for the creative and media industries. In order to keep pace with the trends and remain competitive, those industries need to explore new ways of creating and accessing content. The opportunity to establish new forms of content and user engagement could be transformative to many businesses in creative and media industries.

Scope: The focus is on research, development and exploitation of new or emerging technologies (e.g. 3D and augmented reality technologies) for digital content creation to support the creative and media industries and for unlocking complex information and media and interacting with them. The topic will be addressed by the following actions:

a. Research & Innovation Actions:

Research in new technologies and tools to support creative industries in the creative process from idea conception to production. The proposed tools should explore the potential of technology to enhance the human creative process from the expression of ideas to experiment solutions. Where possible, collaboration and user-community interaction should be improved based on research leading to a deeper understanding of the dynamics of co-creative processes. The tools should be cost effective, intuitive, and be demonstrated in real-life environments relevant for the creative industries (such as advertising, architecture, arts, design, fashion, films, music, publishing, video games, TV and radio).

b. Innovation Actions

Demonstration of the viability of new technologies and validation of innovative solutions through large scale demonstrations, pilot testing of new concepts or co-creating sustainable development that facilitates convergence and interaction between



RESEARCH & INNOVATION

Participant Portal

[European Commission](#) > [Research & Innovation](#) > [Participant Portal](#) > [Opportunities](#)[HOME](#)[FUNDING OPPORTUNITIES](#)[HOW TO PARTICIPATE](#)[EXPERTS](#)[SUPPORT](#)[LOGIN](#)[REGISTER](#)

Horizon 2020

[Search Topics](#)[Calls](#)[Call Updates](#)

Other EU Programmes 2014-2020

[Research Fund for Coal & Steel](#)[COSME](#)[3rd Health Programme](#)[Consumer Programme](#)

FP7 & CIP Programmes 2007-2013

[Calls](#)[Call Updates](#)[Other Funding Opportunities](#)

ICT 2015 - Information and Communications Technologies

H2020-ICT-2015

Planned Opening Date 15-10-2014**Publication date** 23-07-2014**Total Call Budget** €561,000,000**Deadline Date** 14-04-2015 17:00:00 (Brussels local time)**Main Pillar** Industrial Leadership**Status****Forthcoming****Topic:** Technologies for creative industries, social media and convergence**ICT-19-2015**[Topic Description](#)[Topic Conditions & Documents](#)[Submission Service](#)

Please read carefully all provisions below before the preparation of your application.

The budget breakdown for this call is given in the call conditions section of the work programme.

- List of countries and applicable rules for funding:** described in [part A of the General Annexes](#) of the General Work Programme.
- Eligibility and admissibility conditions:** described in [part B and C of the General Annexes](#) of the General Work Programme.
- Evaluation**
 - 3.1 Evaluation criteria and procedure, scoring and threshold:** described in [part H of the General Annexes](#) of the General Work Programme.
 - 3.2 Guide to the submission and evaluation process**
- Proposal page limits and layout:** Please refer to Part B of the standard proposal template.
- Indicative timetable for evaluation and grant agreement:**

Information on the outcome of **one-stage** evaluation: maximum 5 months from the final date for submission.

Length of grant commitment: maximum 3 months from the date of informing successful applicants.



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Opportunities

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT

LOGIN

REGISTER

Horizon 2020

Search Topics

Calls

Call Updates

Other EU Programmes 2014-2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

FP7 & CIP Programmes 2007-2013

Calls

Call Updates

Other Funding Opportunities

ICT 2015 - Information and Communications Technologies

H2020-ICT-2015

Planned Opening Date 15-10-2014

Publication date 23-07-2014

Total Call Budget €561,000,000

Status

Forthcoming

Deadline Date 14-04-2015 17:00:00 (Brussels local time)

Main Pillar Industrial Leadership

Topic: Technologies for creative industries, social media and convergence

ICT-19-2015

Topic Description

Topic Conditions & Documents

Submission Service

The submission system will be available on the **planned opening date**. As soon as the submission is open, the topic will be moved to the category of **OPEN** calls. If the submission system is not yet open on the planned opening date, the topic will remain under the category **FORTHCOMING** calls.


RESEARCH & INNOVATION

Participant Portal


European Commission > Research & Innovation > Participant Portal > Opportunities

[HOME](#)[FUNDING OPPORTUNITIES](#)[HOW TO PARTICIPATE](#)[EXPERTS](#)[SUPPORT ▼](#)[LOGIN](#)[REGISTER](#)

Horizon 2020

[Calls](#) [Search Topics](#)[Call Updates](#) 

FP7 & CIP Programmes

[Calls](#) [Call Updates](#) [COSME](#)[Other Funding Opportunities](#)

When opened, to start submission you first need to select the Type of Action you would like to apply

- Research and Innovation Action
- Innovation Action
- Coordination and Support Action

[Topic Description](#)[Topic Conditions & Documents](#)[Submission Service](#)

To access the Electronic Submission Service of the call, please select the **type of action** that is most relevant to your proposal from the list below. You will then be linked to the correct entry point.

To access existing draft proposals for this call, please login to the Participant Portal and select the My Proposals page of the My Area section

[START SUBMISSION](#)[RESEARCH ON EUROPA](#)[CORDIS](#)[OLAF](#)

H2020 rules for participation

Forms of funding

Grants

- Research and innovation actions
- Innovation actions
- Coordination and support actions
- SME instrument
- Programme co-fund
 - ERANET co-fund
 - Pre-commercial procurement co-fund
 - Public procurement of innovative solutions co-fund

Other

- Framework Partnership Agreement
- Prizes, procurement, financial instruments



Research and Innovation Action

- **Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution**
 - For this purpose they may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment
 - Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment



Innovation Action

- **Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services**
 - For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication
 - Aiming to validate the technical and economic viability in a (near) operational environment and/or aiming to support the first application/deployment in the market of an innovation that has already been demonstrated but not yet applied/deployed in the market due to market failures/barriers to uptake
 - Projects may include limited research and development activities



Coordination & Support Action

- **Actions consisting primarily of accompanying measures such as**
 - standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure, and
 - may also include complementary activities of strategic planning, networking and coordination between programmes in different countries



ERA-NET Cofund

- **Supports public-public partnerships, including joint programming initiatives between Member States, in their preparation, establishment of networking structures, design, implementation and coordination of joint activities as well as EU topping-up of a trans-national call for proposals**
 - The main activity is the implementation of the co-funded joint call for proposals that leads to the funding of transnational research and/or innovation projects. In addition, the consortia may implement other joint activities including other joint calls without EU co-funding
 - May also, depending on the research area and the underlying national programmes and their governing principles, target governmental research organisations. The co-funded call will in these cases be based on in-kind contributions from their institutional funding and the beneficiaries carry out the transnational projects resulting from their call fully or partially themselves
 - ❑ The in-kind contributions are the resources allocated as direct expenditure in the selected trans-national projects that are not reimbursed by the EU contribution



Pre-Commercial Procurement (PCP) Cofund Action

- **Encourage public procurement of research, development and validation of new solutions that can bring significant quality and efficiency improvements in areas of public interest, whilst opening market opportunities for industry and researchers**
 - Provides EU co-funding for a group of procurers to undertake together one joint PCP procurement, so that there is one joint call for tender, one joint evaluation of offers, and a lead procurer awarding the R&D service contracts in the name and on behalf of the group
 - Each procurer contributes its individual financial contribution to the total budget necessary to jointly finance the PCP, enabling the procurers to share the costs of procuring R&D services from a number of providers and comparing together the merits of alternative solutions paths to address the common challenge
 - The PCP shall explore alternative solution paths from a number of competing providers to address one concrete procurement need that is identified as a common challenge in the innovation plans of the procurers that requires new R&D
 - Cross-border PCP cooperation should aim to better address issues of common European interest, for example where interoperability and coherence of solutions across borders is required



Public Procurement of Innovative Solutions (PPI) Cofund Action

- **Enable groups of procurers to share the risks of acting as early adopters of innovative solutions, whilst opening market opportunities for industry**
 - Provides EU co-funding for a group of procurers to undertake together one joint PPI procurement, so that there is one joint PPI call for tender launched by the 'lead procurer' and one joint evaluation of offers
 - In case framework contracts/agreements with lots are used, the specific contracts for procuring specific quantities of goods/services for each procurer can be awarded either all by the lead procurer or by each procurer in the group individually
 - Each action focuses on one concrete unmet need that is shared by the participating procurers and requires the deployment of innovative solutions that are to a significant extent similar across countries and are therefore proposed to be procured jointly
 - This means that the innovative solutions procured by all procurers in the group shall have the same core functionality and performance characteristics, but may have additional 'local' functionality due to differences in the local context of each individual procurer

Admissibility conditions for participation

- Submitted in the electronic submission service
- Readable, accessible and printable
- Complete
- Includes a **draft plan for the exploitation and dissemination** of the results
- Page limits will apply

Eligibility conditions for participation

- **Proposal is in scope of topic**
- **Minimum conditions**
 - For standard collaborative actions (**RIA** and **IA**)
 - **3** independent legal entities, each established in different Member States and/or Associated countries
 - For **CSA**
 - **1** legal entity
 - For SME instrument and programme co-fund
 - **1** legal entity established in a MS/AC
- **Additional conditions**

To be set out in the Workprogramme
(i.e. number of participants, type of participants, etc.)



Eligibility for funding

- Entities established in a Member State, Associated Country* or third country identified in the WP
- Entities created under Union law
- International European interest organisation
- Other entities may receive funding if:
 - participation is essential or
 - such funding is foreseen in a bilateral agreement between the Union and a third country/
international organisation

* Please note that Switzerland is considered an associated country for some calls and a third country for others.
[For details, see the "What's new" tab on the PP's home page](#)

Simplified Funding Model

- **1 reimbursement rate** by action
(same rate for all beneficiaries and all activities):
 - Up to 100% for Research and Innovation actions and CSAs
 - Up to 70% for Innovation actions (non-profit entities up to 100%) and Programme co-fund actions
 - WP to specify the reimbursement rate (e.g. 33% for ERANET co-fund)
- 1 method for calculation of **indirect costs**:
 - Flat rate of 25% of total direct costs, excluding subcontracting, costs of third parties and financial support to third parties
 - If provided in WP, lump sum or unit costs
- Funding of the action cannot exceed **total eligible costs minus receipts**

Submit your proposal



Electronic Submission

Electronic Submission System accessed from the call page

1. ECAS password
2. Participant Identification Code (PIC) compulsory for all partners
3. Prepare proposal
 - On-line for structured part – Administrative forms
 - Upload non-structured part – Technical annex - pdf files
4. Validation checks
5. Submit the proposal before the 17h00 deadline

Submission failure rate = $\pm 1\%$

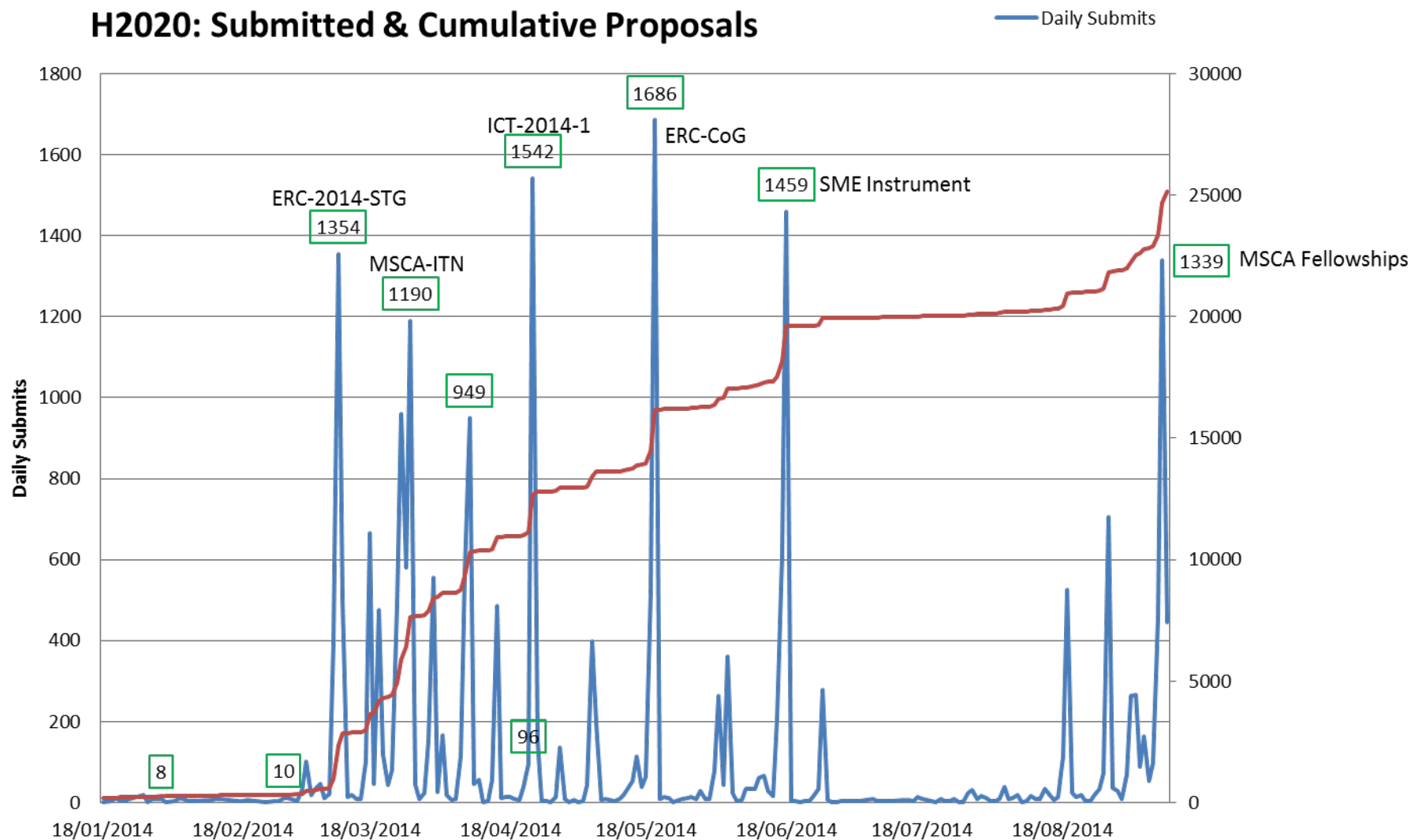
Only reason for failure: waiting till the last minute

- Technical problems
- Panic-induced errors (uploading the wrong proposal)
- Starting the uploading too late → running out of time

Submission Services Stats



H2020: Submitted & Cumulative Proposals

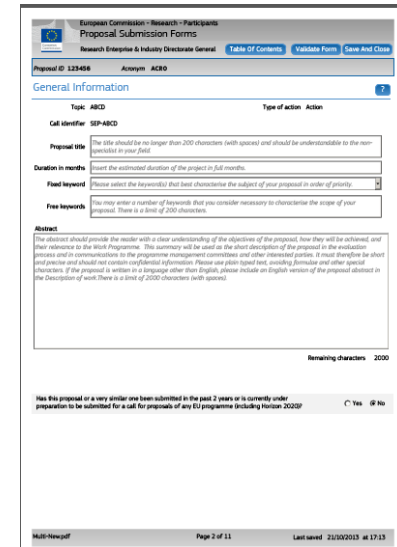


Administrative forms

1/2

Section 1: General information

- Title, acronym, topic, etc.
- Fixed and free keywords
- 2000 character proposal abstract
- Previous/current submission
- Declarations



The screenshot shows the 'General Information' section of the 'Proposal Submission Forms' for the 'Research Enterprise & Industry Directorate General'. The form includes fields for 'Topic: ABCD', 'Type of action: Action', 'Call identifier: SEP-ABCD', 'Proposal title', 'Duration in months', 'Fixed keyword', and 'Free keywords'. There is a large text area for the 'Abstract' with a 'Remaining characters: 2000' indicator. At the bottom, there is a checkbox for 'Has this proposal or a very similar one been submitted in the past 2 years or is currently under preparation to be submitted for a call for proposals of any EU programme (including Horizon 2020)?' with 'Yes' and 'No' options. The footer indicates 'Page 2 of 11' and 'Last saved: 21/09/2015 at 17:13'.

Section 2: Participants & contacts (one form per partner)

- PIC to identify the partner
- Department
- Dependencies
- Contact information

Administrative forms

2/2

Section 3: Budget and requested grant

3 - Budget for the proposal



Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of sub- contracting /€	(D) Direct costs of providing financial support to third parties/€	(E) Costs of inkind contributions not used on the beneficiary's premises/€	(F) Indirect Costs/€ (=0.25(A+B-E))	(G) Special unit costs covering direct & indirect costs	(H) Total estimated eligible costs/€ (=A+B+C+D+F +G)	(I) Reimburse- ment rate	(J) Max. grant / € (=H*I)	(K) Requested grant / €
Beird Consulting SCS	BE	1 000 000	200 000	30 000	4 000	500	299 875	60	1 533 935	100	1 533 935	1 500 000
TELEFONICA SA	ES	2 000 000	300 000	40 000	5 000	600	574 850	70	2 919 920	100	2 919 920	2 900 000
Total		3 000 000	500 000	70 000	9 000	1 100	874 725	130	4 453 855		4 453 855	4 400 000

Section 4: Ethics' questionnaire

Section 5: Call specific questions

- Clinical trial, Stage 2, SME instrument, Open Data Pilot, ERANET, PCP, PPI

Technical annex – 2 pdf files

1/2

1st PDF: Sections 1 - 3

Based around evaluation criteria:

Section 1: Excellence

- E.g. Objectives, concept, progress beyond state-of-art,...

Section 2: Impact

- E.g. Potential impact (incl. with reference to WP); measures to maximise impact (**dissemination, communication, exploitation**)

Section 3: Implementation

- Including **work packages descriptions**
- Information on third parties and subcontractors

Technical annex – 2 pdf files

2/2

2nd PDF: Sections 4 - 5

Section 4: Members of the consortium

Section 5: Ethics and Security

Templates supplied by the submission system and
available on Participant Portal (under topic conditions)

Submission in H2020

- Simpler but tougher page limits:
 - 70 pages for RIA and IA full proposals
 - 50 pages for CSA
 - also for SME Instrument, PCP, PPI, ERANET co-fund,...apply only to sections 1-3 of the Technical Annex (1st PDF)
- check page limit in topic conditions or proposal template
- “warn and watermark” in first round of calls
- Self-check for SME status, financial viability

For calls with
fixed deadline



Successful electronic submission

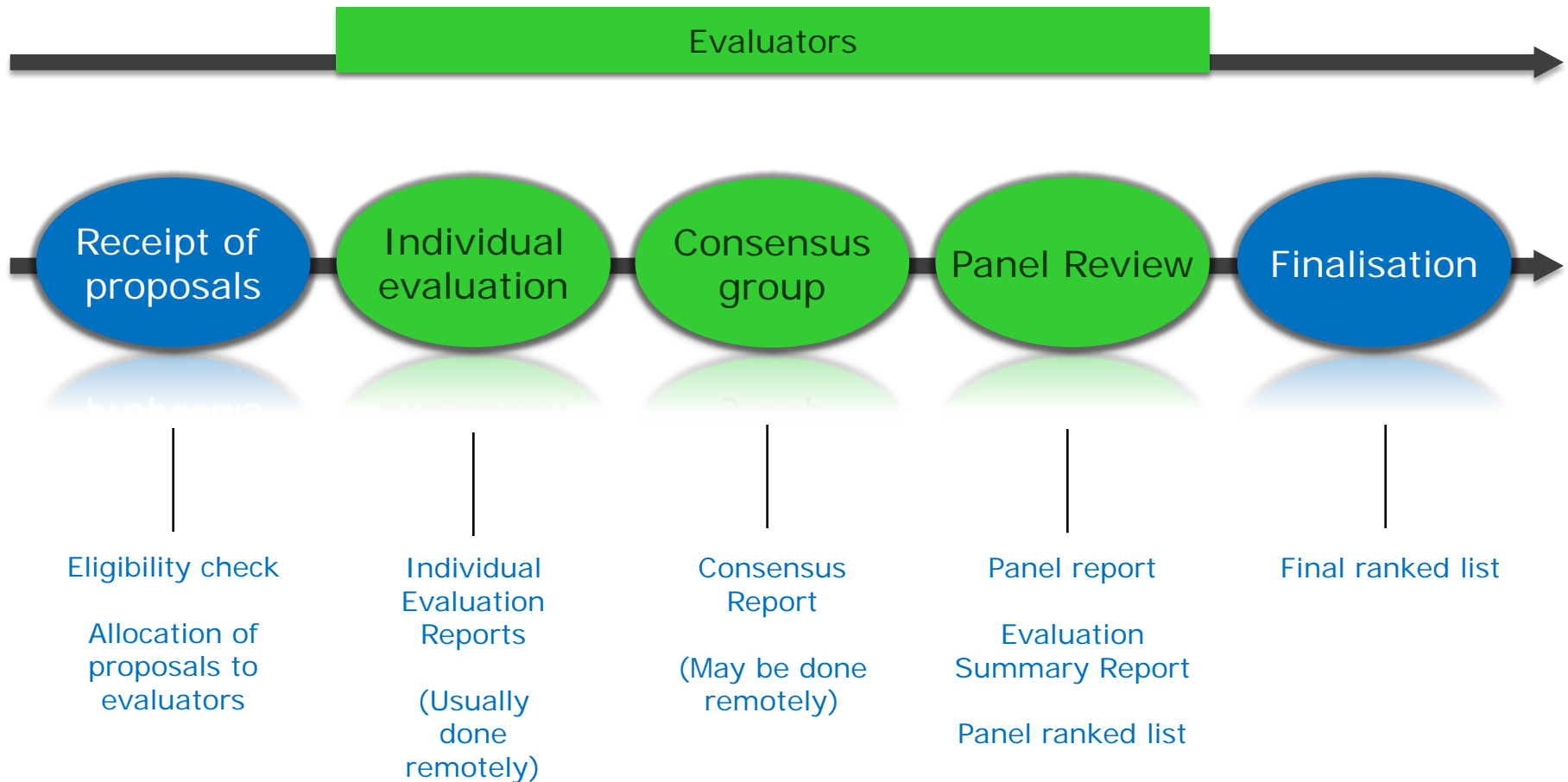
- Each submission overwrites the previous one
- Make an early submission to check out the procedure and your proposal
- Make your final submission in good time ...
- ... then look at what you submitted while there is still time to resubmit a correct version

Never (ever!) plan to submit in the last 30 minutes of the call!

***If in trouble,
immediately call the submission service helpdesk***

Evaluation process

Evaluation process



Process monitored by independent experts

Same process than FP7... but adapting to Horizon 2020

Coherence across the programme

New types of calls; new types of proposals

- multi-disciplinary and multi-sectorial; more emphasis on innovation and close-to-market

Simplification, for applicants, experts, and for streamlined operations;

- 8 months time to grant:
 - 5 months to evaluate and inform applicants on evaluation outcome
 - 3 months for grant preparation and signing

No grant negotiation phase!

- A proposal is evaluated as submitted not on its potential if certain changes were to be made
- Shortcomings are reflected in a lower score for the corresponding criterion.
- Shortcomings are mentioned, but no recommendations made
- Proposals with significant weaknesses that prevent the project from achieving its objectives or with resources being seriously over-estimated must not receive above-threshold scores; any proposal with scores above thresholds can be selected as submitted

Evaluation of proposals

- Evaluation carried out by independent experts
- **Award criteria**
 - Excellence
 - Impact
 - Quality and efficiency in the implementation

Details, e.g. the sub-criteria, weightings and thresholds are described in the Workprogramme

Selection criteria

Operational capacity (no specific provisions)

- *Operational capacity means that the applicants must have the professional competencies and qualifications required to complete the proposed action or work programme: it may be assessed on the basis of specific qualifications, professional experience and references in the field concerned.*
- checked against the information provided in
 - Curriculum Vitae or description of the profile of the applicant
 - Relevant publications or achievements
 - Relevant previous projects or activities
 - Description of any significant infrastructure or any major items of technical equipment
- **Financial capacity**
 - Only coordinator of actions asking for 500 kEUR or more, except specific cases
 - No verification of public bodies , entities guaranteed by a MS or AC and higher and secondary education establishments ●●● **40**

Research and Innovation / Innovation Actions

European
Commission

Excellence

Clarity and pertinence of the objectives

Soundness of the concept, including trans-disciplinary considerations, where relevant

Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches)

Credibility of the proposed approach

Impact

The expected impacts listed in the work programme under the relevant topic

Enhancing innovation capacity and integration of new knowledge

Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets; and, where relevant, by delivering such innovations to the markets

Any other environmental and socially important impacts (not already covered above)

Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant

Implementation

Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

Complementarity of the participants within the consortium (when relevant)

Appropriateness of the management structures and procedures, including risk and innovation management

Coordination & Support Actions

European
Commission

Excellence

Clarity and pertinence of the objectives

Soundness of the concept

Quality of the proposed coordination and/or support measures

Credibility of the proposed approach

Impact

The expected impacts listed in the work programme under the relevant topic

Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant

Implementation

Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

Complementarity of the participants within the consortium (when relevant)

Appropriateness of the management structures and procedures, including risk and innovation management

ERA-NET Cofund

European
Commission

Excellence

Clarity and pertinence of the objectives

Level of ambition in the collaboration and commitment of the participants in the proposed ERA-NET action to pool national resources and coordinate their national/regional research programmes

Credibility of the proposed approach

Impact

The expected impacts listed in the work programme under the relevant topic

Achievement of critical mass for the funding of trans-national projects by pooling of national/regional resources and contribution to establishing and strengthening a durable cooperation between the partners and their national/regional research programmes

Effectiveness of the proposed measures to exploit and disseminate the project results and to communicate the project

Implementation

Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

Complementarity of the participants within the consortium (when relevant)

Appropriateness of the management structures and procedures, including risk and innovation management

Pre-Commercial Procurement Cofund Actions/Public Procurement of Innovative Solutions Cofund Actions

European
Commission

Excellence

Clarity and pertinence of the objectives

Progress beyond the state of the art in terms of the degree of innovation needed to satisfy the procurement need

Credibility of the proposed approach

Impact

The expected impacts listed in the work programme under the relevant topic

Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global procurement markets

Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project

More forward-looking concerted procurement approaches that reduce fragmentation of demand for innovative solutions

Implementation

Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

Complementarity of the participants within the consortium (when relevant)

Appropriateness of the management structures and procedures, including risk and innovation management

Scoring/weights/thresholds

- As in FP7: scoring range from 0 to 5; individual criterion threshold of 3; overall threshold of 10
- Unlike FP7: for Innovation Actions and SME instrument...
 - impact criterion weighted by factor of 1.5
 - impact considered first when overall scores equal
- Any **deviations** are mentioned in the call conditions in the Workprogramme

Selection of proposals

In each topic, all above threshold proposals are listed in descending order of overall scores

We select proposals starting from the top of the list until the available budget is consumed

Hence, the ranking of proposal is very important

Proposals with identical total scores

- For each group of proposals with identical total scores, the panel considers first proposals that address topics that are not already covered by more highly-ranked proposals
- The panel then orders them according to:
 - **First, their score for Excellence,**
 - **And second, their score for Impact**
- If there are ties, the panel takes into account the following factors:
 - **First, the size of the budget allocated to SMEs**
 - **Second, the gender balance of personnel carrying out the research and/or innovation activities**
- If there are still ties, the panel agrees further factors to consider:
 - **e.g. synergies between projects or contribution to the objectives of the call or of Horizon 2020**
- The same method is then applied to proposals that address topics that are already covered by more highly-ranked proposals

Ethics review

European
Commission

- Only proposals that comply with the ethical principles and legislation may receive funding
- For proposals considered for funding, an ethics screening and, if necessary, an ethics assessment is carried out by independent ethics experts in parallel with the scientific evaluation or soon after
 - **Proposals involving the use of human embryonic stem cells automatically undergo an ethics assessment**
- For proposals in which one or more ethical issues have been identified, the experts will assess whether the ethics issues are adequately addressed
- The ethics experts will produce an ethics report and give an opinion on the proposal, including:
 - **Granting ethics clearance (or not)**
 - **Granting conditional ethics clearance: Fulfillment of 'ethics requirements' either before grant signature or during project lifetime (contractual obligations), or**
 - **Recommending an Ethics Assessment and/or Ethics Reviews or Audits**

Cross-cutting features

- Standardisation
- RRI and SSH
- Dissemination
- Communication

How H2020 R&I projects can benefit from & contribute to standardisation?



1. Why ICT standards?

- ✓ Contribution to innovation
- ✓ Enable interoperability of systems/services
- ✓ Expand the market, brings down costs and increases competition
- ✓ Create trust and confidence in products and services
- ✓ Help to prevent duplication of effort
- ✓ Interchangeability of system component suppliers

2. What?

- ✓ Standardisation landscape – Are there std related to my proposal?
- ✓ Consider ecosystem (e.g., possible contribution to EU policies)
- ✓ Any of my project results can contribute to std. activities?
- ✓ Or shall the project proposing new activities/working items to SSOs
- ✓ Implementing/Testing/Finetuning standards

3. How?

- ✓ Which standardisation setting organisation (SSO)?
- ✓ Identify if possible Technical Working Group, Committee
- ✓ How will the project use the existing standards
- ✓ How will the project participate in standardisation?
- ✓ Think of allocating some tasks & resources => Deliverables

4. When?

- ✓ Early interaction with SDOs
- ✓ Do not wait until the last workshop
- ✓ The sooner the better....
- ✓ Do not forget to protect project foreground IPRs !!!!!



<http://www.etsi.org>

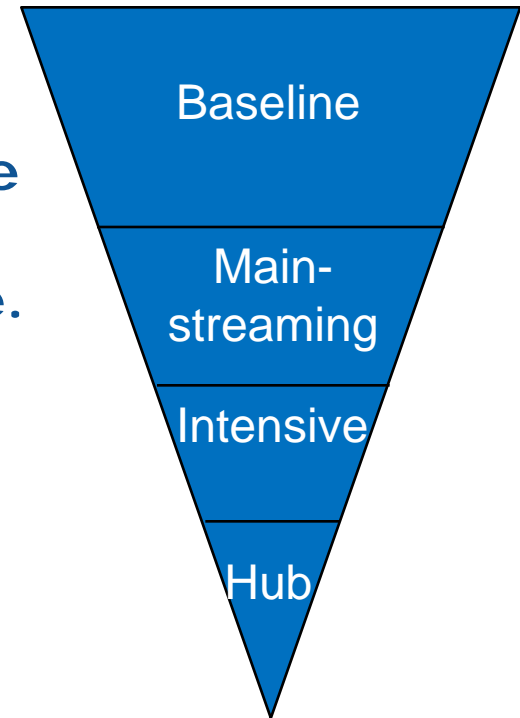
<http://www.cencenelec.eu>

Responsible Research and Innovation (RRI) & Socio-Economic Sciences and Humanities SSH)



An organic approach within the whole WP

- The pervasiveness and radicality of changes brought about by ICTs (i.e. the rise of hyperconnectivity) makes it critical for innovation to be responsible. No responsibility? No innovation!
- RRI actions & SSH expertise are called for in Excellent Science (EXC), Industrial Leadership (LEIT), and Societal Challenges (SCs)



More info in the "SSH booth" SPADOLINI Pavilion, Leonardo Village, L.1, and on

<http://ec.europa.eu/digital-agenda/en/news/sshrri-organic-approach-ict-related-parts-wp14-15>

Dissemination concepts

REGULATION (EU) No 1290/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down the rules for participation and dissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)"

Dissemination means the public disclosure of the results by any appropriate means (other than resulting from protecting or exploiting the results), including by scientific publications in any medium.

Open access: the practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable.

Guidelines on OPEN ACCESS

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf



Pilot on Open Research Data in H2020: scope

Areas of the 2014-2015 Work Programme participating in the Open Research Data Pilot are:

- Future and Emerging Technologies
- Research infrastructures – part e-Infrastructures
- Leadership in enabling and industrial technologies – Information and Communication Technologies
- Societal Challenge: Secure, Clean and Efficient Energy – part Smart cities and communities
- Societal Challenge: Climate Action, Environment, Resource Efficiency and Raw materials – except raw materials
- Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies
- Science with and for Society

Projects in other areas can participate on a voluntary basis!



Pilot on Open Research Data in H2020: rules

Types of data concerned:

- Data needed to validate the results presented in scientific publications ("underlying data")
- Other data as specified in a [Data Management Plan](#) (new in H2020!)

Beneficiaries participating in the Pilot will:

- Deposit this data in a research data repository of their choice
- Take measures to make it possible to access, mine, exploit, reproduce and disseminate free of charge
- Provide information about tools and instruments at the disposal of the beneficiaries and necessary for validating the results (where possible, provide the tools and instruments themselves)



Data management in Horizon 2020

- **Data Management Plans (DMPs) mandatory for all projects participating in the Pilot, optional for others**
 - DMPs are NOT part of the proposal evaluation, they need to be generated within the first six months of the project as an obligatory deliverable and updated as needed
 - All proposers to submit general information on data management - evaluated under criterion 'Impact'
- DMP questions:
 - What data will be collected / generated?
 - What standards will be used / how will metadata be generated?
 - What data will be exploited? What data will be shared / made open?
 - How will data be curated and preserved?

Communication: Why should you communicate?

Because you have a good story and a clear message for a target audience.

Examples:

Your project is successful and you want to:

- show that investment in innovation is worth it and you wish to ask a specific audience (e.g. policy makers) for more investment
- highlight a successful partnership and influence a choice for replicating and scaling up (MS participation, co-funding, collaboration instruments, etc.)
- build a community for discussion, project development, scaling up, best-practice exchange , experience sharing, piloting before market, etc.
- show the impact of the project to your region ('localise' the content via your local media)

Communication action in practice

- Plan your communication actions: get started soon and identify the right timing
- Map your audience and stakeholders
- Build a narrative which includes the EU policy your project contributes to implement
- Find good stories: examples, facts and figures and use visualisation if appropriate (infographics, figures, videos)
- choose the most appropriate style and language (it depends on your audience) to express the concepts and messages, choose the most appropriate tools to reach your goals and target audience
- Go social (use social media: Facebook, Twitter etc.)!
- Follow up, monitor and measure
- Keep your PO informed!



Our channels



DAE Facebook page: [Digital Agenda for Europe](#)



Twitter account: [@DigitalAgendaEU](#), know your key hashtags



[Digital Agenda web page](#), its [Newsroom](#), its [blog](#)



Youtube Channel [DigitalAgendaEU](#)

Experts

Appropriately qualified professional should apply to work as experts in H2020 evaluations

Application via the Participant Portal



The selection per call is made to ensure broad ranging and expertise, and avoiding conflicts of interest

