European Commission

Horizon 2020 LEIT-Space 2014-2015

Delivering a good proposal. The Evaluation process in H2020 Space.

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Research Executive Agency

Agenda

1. **Rules for participation and evaluation**
2. Proposal preparation and submission process
3. Proposal evaluation and ranking process
4. Novelties in H2020
5. How to maximise your chances for success?
6. New independent experts

Standard admissibility criteria

1. **Submitted in the electronic submission system before the deadline** → Acknowledgement of Receipt
2. **Complete** (requested administrative forms + proposal description + supporting documents)
3. **Readable, accessible and printable**
4. **Respecting page limit** (RIA: 70 pages; CSA:50 pages)
   - Automatic warning in electronic submission system if exceeded and advice to re-submit a version that conforms; **excess pages will be cut !**
   - *Outside the limit*:
     - **participating organisations** (operational capacity check)
       - CV or profile description of staff carrying out the work
       - A list of up to 5 publications and/or other research or innovation products
       - A list of up to 5 relevant previous projects/activities
       - Relevant available infrastructure/equipment description
       - Description of additional third parties contributing to the work
     - **ethics self assessment**
     - **data management plan** (open access to peer-reviewed scientific publications)

Standard eligibility criteria

1) Content corresponds, wholly or in part, to the topic description against which it is submitted

2) Proposal complies with the minimum participation and any other eligibility conditions set out for the type of action:

Research & innovation action	a. **Three legal entities.** b. Each of the three shall be established in **a different Member State or associated country**. c. All three legal entities shall be **independent of each other.**
Innovation action	
Coordination & support action	**One legal entity** established a Member State or associated country.

Can be supplemented or modified in the call conditions

Non-eligibility can also be discovered during/after evaluation

Research Executive Agency

Countries eligible to receive funding

WP General Annex A

- **EU-Member States**
- **The Overseas Countries and Territories (OCT) linked to the MS**: Anguilla, Aruba, Bonaire, British Virgin Islands, Cayman Islands, Curaçao, Falkland Islands, French Polynesia, Greenland, Montserrat, New Caledonia, Pitcairn Islands, Saba, Saint Barthélémy, Saint Helena, Saint Pierre and Miquelon, Sint Eustatius, Sint Maarten, Turks and Caicos Islands, Wallis and Futuna .
- **Horizon 2020 associated countries**
  Check Funding Guide for up-to-date information whether agreements are signed:
  http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/international-cooperation_en.htm

For **Switzerland** the agreement has been signed but only for Excellent Science (incl. Marie Curie actions), ITER and EURATOM

- **Third countries listed in General Annex A**
- **International European interest organisations**

Countries eligible to receive funding

Legal entities established in countries not listed in Annex A and international organisations will only be eligible for funding:

- If **explicitly mentioned in the call text**.
- When funding for such participants is provided for under a **bilateral scientific and technological agreement or any other arrangement** between the Union and an international organisation or a third country
- When the **Commission deems participation of an entity essential for carrying out the action funded through Horizon 2020**

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http://ec.europa.eu/research/participants/portal/desktop/en/home.html

RESEARCH & INNOVATION

European Commission

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

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

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.

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 Sklodowska-Curie actions
- [ ] Research infrastructures

Industrial Leadership

- [x] Leadership in enabling and industrial technologies(LEIT)
- [ ] Access to risk finance
- [ ] Innovation in SMEs

FILTER

Status

- ( ) Forthcoming
- (•) Open
- ( ) Closed

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
Call for Factories of the Future
H2020-FoF-2015
Deadlines: 04/02/2015
Opening Date: 22/10/2015

Industrial Leadership
Protection of European assets in and from Space-2015-LEIT SPACE
H2020-PROTEC-2015
Deadlines: 08/04/2015
Opening Date: 04/11/2014

Industrial Leadership
Earth Observation-2015-LEIT SPACE
H2020-EO-2015
Deadlines: 08/04/2015
Opening Date: 04/11/2014

Industrial Leadership
H2020-LEIT-Space-Competitivenessof the European Space Sector-2015

Industrial Leadership
Applications in Satellite Navigation-Galileo-2015

Industrial Leadership
BIOTECHNOLOGY
H2020-LEIT-BIO-2015-1

Horizon 2020

- Calls
- Search Topics
- Call Updates

FP7 & CIP Programmes

- Calls
- Call Updates

COSME

Other Funding Opportunities

0 Results

Keyword Search: earth observation SEARCH

If you don't find your topic, you can also use the **Europa search**.

Status

- Open
- Closed
- Forthcoming

Sort by

- Title
- Call Id
- Publication Date
- Deadline Date

In addition, **see all the open calls** of Marie Sklodowska-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 MCSA 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

5 Results

Keyword Search: Earth Observation 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: **Bringing EO applications to the market:EO-1-2015**
Specific challenge: If space investments made in earth observation are to generate economic

Call title: Earth Observation-2015-LEIT SPACE
Call identifier: H2020-EO-2015
Status: Open
Deadline: 08-04-2015

Topic: **FET-Open research projects:FETOPEN-RIA-2014-2015**
Specific challenge: Supporting a large set of early stage, high risk visionary science and

Call title: FET-Open - Novel ideas for radically new technologies - Research Projects
Call identifier: H2020-FETOPEN-2014-2015-RIA
Status: Open
Deadline: 29-09-2015

Topic: **Response capacities to oil spills and marine pollutions:BG-07-2015**
Specific challenge: The development of deep sea resources exploitation (particularly offshore Oil

Call title: Blue Growth: Unlocking the potential of Seas and Oceans
Call identifier: H2020-BG-2015-2
Status: Open
Deadline: 03-02-2015

Topic: **Stimulating wider research use of Copernicus Sentinel Data:EO-2-2015**
Specific challenge: Europe's investment in the Copernicus Sentinel satellites will provide Europe

Call title: Earth Observation-2015-LEIT SPACE
Call identifier: H2020-EO-2015
Status: Open
Deadline: 08-04-2015

Topic: **Technology developments for competitive imaging from space:EO-3-2015**
Specific challenge: Observation concepts based on fractionated sensors (e.g. telescope arrays)

Call title: Earth Observation-2015-LEIT SPACE
Call identifier: H2020-EO-2015
Status: Open
Deadline: 08-04-2015

http://ec.europa.eu/research/participants/portal/desktop/en/funding/index.html

RESEARCH & INNOVATION

European Commission

Participant Portal

European Commission > Research & Innovation > Participant Portal > Funding

HOME | FUNDING OPPORTUNITIES | HOW TO PARTICIPATE | EXPERTS | SUPPORT | LOGIN | REGISTER

- H2020 online manual
- Reference Documents
- Beneficiary Register
- Financial Viability Self-Check
- SME Participation

How to participate

H2020 ONLINE MANUAL

The first steps to prepare your proposal and apply for EU research funding. Learn how to find a suitable Call for proposals or project partners and how to submit your proposal.

The following guidance services facilitate your participation:

- **H2020 Online Manual:** step-by-step online guide through the Portal processes from proposal preparation and submission to reporting on your on-going project
- **Reference documents:** library of legal documents, guidance notes, and additional reference material for H2020 and FP7
- search for already registered organisations and their **PICs**
- **Financial viability self-check tool** allows you simulating the financial viability check of your organisation
- **SME participation:** dedicated H2020 guidance page for SME

FIND a call (1) — FIND partners (2) — CREATE your account (3) — REGISTER your organisation (4) — SUBMIT a proposal (5)

Step 1 - Find a suitable Call for Proposals

H2020 ONLINE MANUAL

The Commission publishes on the Participant Portal all the Calls of its research and innovation programmes H2020, and you can search calls from previous programmes (FP7 and CIP). In addition you can find information about some additional calls in the Other Funding Opportunities section. If you apply for the first time and do not know yet the programmes, it is useful to read the H2020 Online Manual. It helps you choose the most suitable programme for your area and profile. Besides, you can search according to your research topic with key words and set filters in the calls list.

Agenda

1. Rules for participation and evaluation
2. Proposal preparation and submission process
3. **Proposal evaluation and ranking process**
   - Evaluation process
   - Award criteria, proposal scoring & ranking
   - Individual evaluation aspects
4. Novelties in H2020
5. How to maximise your chances for success?
6. New independent experts

LEIT-Space 2015 Schedule

Closure Call
8 April 2015

Remote evaluations
11 May -05 June 2015

Central evaluations
08 June – 03 July 2015

August-
September 2015

Eligibility check

Allocation of proposals to evaluators

Individual Evaluation Reports

(Done remotely)

Consensus Report

Panel report

Evaluation Summary Report

Panel ranked list

If needed: Cross-Readings

At the same time: Ethics Screening

Final ranked list

Evaluation results sent to applicants

Initiation Grant Agreement Preparation

Research Executive

Types of action / funding rates

- **Research and Innovation Action (RIA):**

  Up to 100% of eligible costs

- **Innovation Action (IA):**

  Up to 70% of eligible costs

  (exception: up to 100% for non-profit)

- **Coordination and Support Action (CSA):**

  Up to 100% of eligible costs

In all cases:

GRANTS = co-funding of the European Union

Proposal evaluation basic principles

- Excellence, transparency, fairness and impartiality and efficiency and speed
- Done by **independent experts** selected from **EMPP** REA/GSA/EASME
  - Balance in terms of
    1. Skills, experience and knowledge
    2. Other factors
    - geographical diversity
    - gender
    - where appropriate, the private and public sectors
    - an appropriate turnover from year to year
  - **No conflict of interest !**

Evaluation Criteria

Research and Innovation Actions/Innovation Actions/ SME instrument

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**

Evaluation Criteria

Coordination and Support Action

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**

Evaluation: Selection criteria

- **Operational capacity:**
  - Assessed by the experts during evaluations as part of *'Quality and efficiency of the implementation'*
  - Check if the consortium partners have the capacity to carry out the proposed work
  - Based on information provided by the applicant in the proposal (Part B): CVs, publications, references, available infrastructure, etc.

Proposal scoring

1. Per criterion: Assessment, comments, justifications
2. Matching scores

→ Σ 12,0 out of 15,0

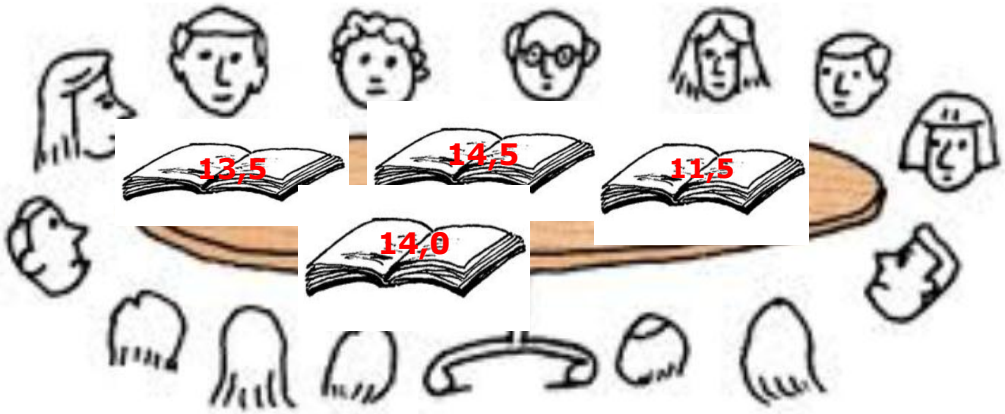
- Evaluation scores are awarded per criterion, scale from 0 to 5, half point scores may be given
- Maximum score: 15
- **Individual criteria threshold:** 3
- **Total score threshold:** 10

Proposal scoring

- **0 -** The **proposal fails to address the criterion** or cannot be assessed due to missing or incomplete information
- **1 - Poor.** The criterion is inadequately addressed or there are serious inherent weaknesses
- **2 - Fair.** The proposal broadly addresses the criterion, there are significant weaknesses
- **3 - Good.** The proposal addresses the criterion well, but a number of shortcomings are present
- **4 - Very Good.** The proposal addresses the criterion very well, but a small number of shortcomings are present
- **5 - Excellent.** The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor

Ranking of proposals

- Done by experts in **panel review**
- **1 ranked list** per topic or per group of topics with a dedicated budget
- Preparation: **"cross-reading"**



Rules for the ranking

- **Priority criteria**
  1. **topic not covered by higher ranked proposals**
     RIA: excellence>impact ; IA: impact>excellence
  2. other criteria such as:
     - **SMEs(budget)**
     - **gender (% and role)**
     - etc.
- **Additional rules for selection specified in the WP**:
  - *eg. COMPET-1-2015: max one proposal per identified Urgent Action Line*
  - *COMPET-3-2015: up to two proposals per each of the 8 technologies lines*

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Simplification & new H2020 rules

a single funding rate

FP7

Maximum reimbursement rates	Research and technological development activities (*)	Demonstration activities	Other activities
Network of excellence	50% 75% (**)		100%
Collaborative *project*(****)	50% 75% (**)	50%	100%
Coordination and support action			100% (***)

(*) Research and technological development includes scientific coordination.
(**) For *beneficiaries* that are *non-profit public bodies*, secondary and higher education establishments, *research organisations* and *SMEs*.
(***) The reimbursement of indirect eligible costs, in the case of coordination and support actions, may reach a maximum 7% of the direct eligible costs, excluding the direct eligible costs for subcontracting and the costs of resources made available by third parties which are not used on the premises of the *beneficiary*.
(****) Including research for the benefit of specific groups (in particular SMEs)

HORIZON 2020

One project = One rate

- ✓ For all beneficiaries and all activities in the grant.
- ✓ Defined in the Work Programme:
  - Up to 100 % of the eligible costs;
  - but limited to a maximum of 70 % for innovation projects (exception for non-profit organisations - maximum of 100%)
  - Specific reimbursement rates for programme co-fund actions

Simplification & new H2020 rules

- Acceptance of beneficiaries' usual accounting practices for direct costs
- Acceptance of 'average' personnel costs
- No more time-sheets for personnel working full time on EU project
- No reporting of interest on pre-financing
- Ex-ante financial capacity checks only for private coordinators
- Only 1 ‘certificate on the financial statements’ at the end of the project for beneficiary requesting EUR 325 000 or more

Novelties in H2020 Evaluation

1) Negotiation becomes Grant Agreement Preparation

- *No longer "recommendations" in ESR*

2) Guidance only available via NCPs

3) Obvious Clerical Errors

- *For example Requested EU funding = 0*
- *Are incomplete proposals an OCE? - Please submit on time!*

4) New criteria and sub-criteria

- Different from FP7 – use self-evaluation form and carefully check the template (ESR-award criteria)!
- **Award criteria:** More sub-criteria/elements compared to FP7
- **Scores:** Clear difference between weakness and shortcoming -> above below treshold

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Novelties in H2020 Evaluation

European Commission

5) Budget Flexibility

- *Justification*

6) Page limits

- *"Please disregard" watermark / cut*

7) Third Country Participation and Funding

- *Countries outside Annex A/non-associated?*

8) Ethics Issues

- *Self-Assessment*
- *Screening*

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Ethics self-assessment

Each **applicant** is **responsible** for:

- **identifying any potential ethical issues**
- **handling ethical aspects of their proposal**
- **detailing how they plan to address them** in sufficient detail already at the proposal stage.

The Ethics part of each proposal (part A in SEP, part B 5) should include description of issues and arrangements!

Ethics self-assessment

4 - Ethics issues table

1. HUMAN EMBRYOS/FOETUSES i		Page
Does your research involve Human Embryonic Stem Cells (hESCs)?	○ Yes ◉ No	
Does your research involve the use of human embryos?	○ Yes ◉ No	
Does your research involve the use of human foetal tissues / cells?	○ Yes ◉ No	
2. HUMANS		**Page**
Does your research involve human participants?	○ Yes ◉ No	
Does your research involve physical interventions on the study participants?	○ Yes ◉ No	
Does it involve invasive techniques?	○ Yes ◉ No	
3. HUMAN CELLS / TISSUES		**Page**
Does your research involve human cells or tissues? If your research involves human embryos/foetuses, please also complete the section "Human Embryos/Foetuses" [Box 1].	○ Yes ◉ No	
4. PROTECTION OF PERSONAL DATA ii		**Page**
Does your research involve personal data collection and/or processing?	○ Yes ◉ No	
Does your research involve further processing of previously collected personal data (secondary use)?	○ Yes ◉ No	
5. ANIMALS iii		**Page**
Does your research involve animals?	○ Yes ◉ No	

6. NON-EU COUNTRIES		Page
Does your research involve non-EU countries?	○ Yes ◉ No	
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	○ Yes ◉ No	
Do you plan to import any material - including personal data - from non-EU countries into the EU? If you consider importing data, please also complete the section "Protection of Personal Data" [Box 4].	○ Yes ◉ No	
Do you plan to export any material - including personal data -from the EU to non-EU countries? If you consider exporting data, please also complete the section "Protection of Personal Data" [Box 4].	○ Yes ◉ No	
If your research involves low and/or lower middle income countries, are benefits-sharing measures foreseen?	○ Yes ◉ No	
Could the situation in the country put the individuals taking part in the research at risk?	○ Yes ◉ No	
7. ENVIRONMENT PROTECTION vi Directive 2001/18/EC - vii Directive 2009/41/EC - viii Regulation EC No 1946/2003 - ix Directive 2008/56/EC x Council Directive 92/43/EEC -xi Council Directive 79/409/EEC - xii Council Regulation EC No 338/97		**Page**
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?	◉ Yes ○ No	36
Does your research deal with endangered fauna and/or flora and/or protected areas?	○ Yes ◉ No	
Does your research involve the use of elements that may cause harm to humans, including research staff?	◉ Yes ○ No	37
8. DUAL USE xiii		**Page**
Does your research have the potential for military applications?	○ Yes ◉ No	
9. MISUSE		**Page**
Does your research have the potential for malevolent/criminal/terrorist abuse?	○ Yes ◉ No	
10. OTHER ETHICS ISSUES		**Page**
Are there any other ethics issues that should be taken into consideration? Please specify	○ Yes ◉ No	

I confirm that I have taken into account all ethics issues described above and if any ethics issues apply, I have attached the required documents. ☒ ?

- CONSULT ETHICS ASSESSMENT GUIDELINE!

For guidance incl. documents to be provided

ATTACH THE REQUIRED DOCUMENTS

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Indicate pages in the proposal

EXAMPLES of Ethics issues in Space Research

- **Dual Use**
  - *Examples: GNC, electronics, TPS, gyros, IMU, imaging…*
  - *Export Authorisations? Check Annex I Council Regulation of 2009: http://trade.ec.europa.eu/doclib/docs/2009/june/tradoc_143390.pdf*
- **Third Countries**
  - *Export/import of material & authorisations*
- **Data Protection**
  - *Questionnaires, education*
- **Environmental Protection and Safety**
  - *Launch, propellants, …*
- **Humans**
  - *Clinical trials?*
- **Misuse**

Other points of attention

Gender equality in Horizon 2020:

- Gender balance in decision-making
  - Advisory groups
  - Evaluation panels and expert groups
- Gender balance in research teams at all levels
  - Model Grant Agreement Art 31
- Gender dimension in research and innovation content
- *May become important when solving ties during evaluation!*

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External versus internal success factors

External factors

= factors which can't be controlled by an applicant

- **Call content**: Open (large competition) or top-down (less competition) topic;
- **Budget availability;**
- **General competition** driven by community specific and socio-economic factors.

Internal factors

= factors controlled by applicants

- **Understand** Call topic and get to know competitors
- Establish **consortium** which, as a group, aims for **excellence**
- **Demonstrate** excellence in every single aspect of your proposal

- Internal factors provide the means to meet the challenges raised by the external factors
- Presentation focusses on *internal* success factors

Know your success factors

Mind set of applicant:
Need to prepare for high competition,
European Commission aims for excellence!

- *Understand the domain and its challenges (R&D, market, IPR and regulations, etc)*
- *Know your **own strengths** and get to know potential competitors*
- *Know what you are aiming for and how it will be achieved*

Know your success factors

European Commission

- **Carefully read the Call topics text and additional documents**: proposal content and consortium composition should answer scope and expected impacts of the Call topic. Stand-alone ideas tuned towards the scope of a call are rarely successful;

- **Look for consortium partners which complement en enforce each other:** *"The whole is greater than the sum of its parts";*

- **Submission and evaluation rules H2020 ≠ FP7**: Carefully read submission and evaluation rules and guidance documents: mind admissibility and eligibility criteria;

- Your idea may fit better in other calls?! **Opportunities** in Space research specific domains not only in H2020 LEIT Space programme but also in **others Calls**, such as those launched within the "Excellent Science" Programme and the "Societal Challenges" Programme.

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Quality = key to success

- The proposal should **excel in <u>each single</u> criterion and sub-criterion**.
- Be **specific in your objectives and expected impacts** and **clearly demonstrate** how you aim to **implement and sustain** them.
- Experts have limited time to look at your proposal and are explicitly asked to base their assessment on the proposal text as it is. Evaluations are not based on the potential of a proposal nor the fame of particular consortium members.

Demonstrate WHAT – WHY – HOW?

An **excellent idea** is the basis of a good proposal
but is not sufficient.
The **expected impacts** and **implementation aspects**
are as important.

Demonstration of expected impacts

H2020 is based on an "**impact" oriented** approach

Maximise impacts.

Requires input in all three sections of a proposal (excellence, impact and implementation): ***what, why, how?***

- Select the **objectives** which maximise impact;
- The aimed **impacts**, both **during** and **after** the project, should reflect the expectations of the call;
- Provide a detailed explanation of the planned **measures to optimise the impacts** and on how to tackle eventual burdens (R&D, market, regulations, IPR, etc.) to reach these objectives.

Impacts: elements of importance

Describe dissemination, exploitation and communication plans in your proposal:

- *Dissemination plan*: Raise awareness about project outputs
- *Exploitation plan*:
  - At which technical readiness level (TRL) do you start and how will you reach the TRL you aim for as expressed in the objectives of your proposal?
  - What are the needed business model and marketing activities and how will they be decided amongst partners?
- *Communication plan*: Tailored to the needs of various audiences, focus on how the message is perceived, including the public policy perspective of EU research and innovation funding: new element in H2020!

Dissemination ≠ Exploitation ≠ Communication

Impacts: elements of importance

- **Management of Intellectual Property Rights (IPR)**: Demonstration of specific measures in scope ownership, access/use, etc. *during* and *after* the project:

1. Identify your **own background** *(data, know-how and/or information held or identified by participants prior to their accession to the action)*
2. Verify if **background** of **third parties** is needed. If yes, what are their access rights? Need for authorisation to use and exploit the results?
3. Check the state-of-the-art: **existing patents**? E.g. via database provided by the European Patent Office: *Espacenet*
4. Specify the **ownership of the results:** Who owns what? Any transfers? On which conditions?
5. Is there is a need to **protect the results?** If yes, assign cost. Ensure appropriate access and usage right for key IP during AND after the project (results & background)

A short reference on IPR is not sufficient for Call topics which focus on innovation (IA & RIA).

- **Data management:** curation, preservation, ownership and accessibility of data.

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Tips for good communication

Good communication will:

- Start at the outset of the action and continue throughout its entire lifetime;
- Be strategically planned and not just aim for ad-hoc efforts: careful planning and preparation (comprehensive communication plan);
- Identify and set clear communication objectives;
- Be targeted and adapted to audiences that go beyond the project's own community including the media and the public;
- Choose pertinent messages;
- Use the right medium and means;
- Be proportionate to the scale of the action.

Demonstration of implementation aspects

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The "no-negotiation" approach in H2020 requires a detailed elaboration of the planned **implementation aspects** in the proposal including:

- A logic and well-connected **workplan**, adequate **management tools** and a well justified presentation of use and distribution of **human and financial resources**;

- **Optimise project duration and requested EU contribution**: to achieve an effective and efficient implementation of the project;

- Give visibility in the workplan to *concrete* dissemination, exploitation and communication activities and specify innovation management tasks.

As illustrated during the first H2020 Call evaluations, a detailed demonstration of implementation aspects can make a difference between successful and not successful proposals!

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Innovation dimension in your proposal

*"Innovation is about **satisfying needs** and **wants** and delivering tangible **benefits**"*
(Dr. Sweeney, 7/11/2014)

Innovation ≠ Invention

(an invention can grow into innovation by proper exploitation)

H2020 aims for a balanced approach to research and **innovation:**

- not only limited to the development of new products and services on the basis of scientific and technological breakthroughs (=*research dimension*),
- but also incorporating aspects such as the use of existing technologies in novel applications, continuous improvement and non- technological and social innovation (=*innovation dimension*).

Innovation dimension in your proposal

The importance is reflected in the different chapters of the proposal template for **Research and Innovation Actions (RIA)** and **Innovation Actions (IA)**

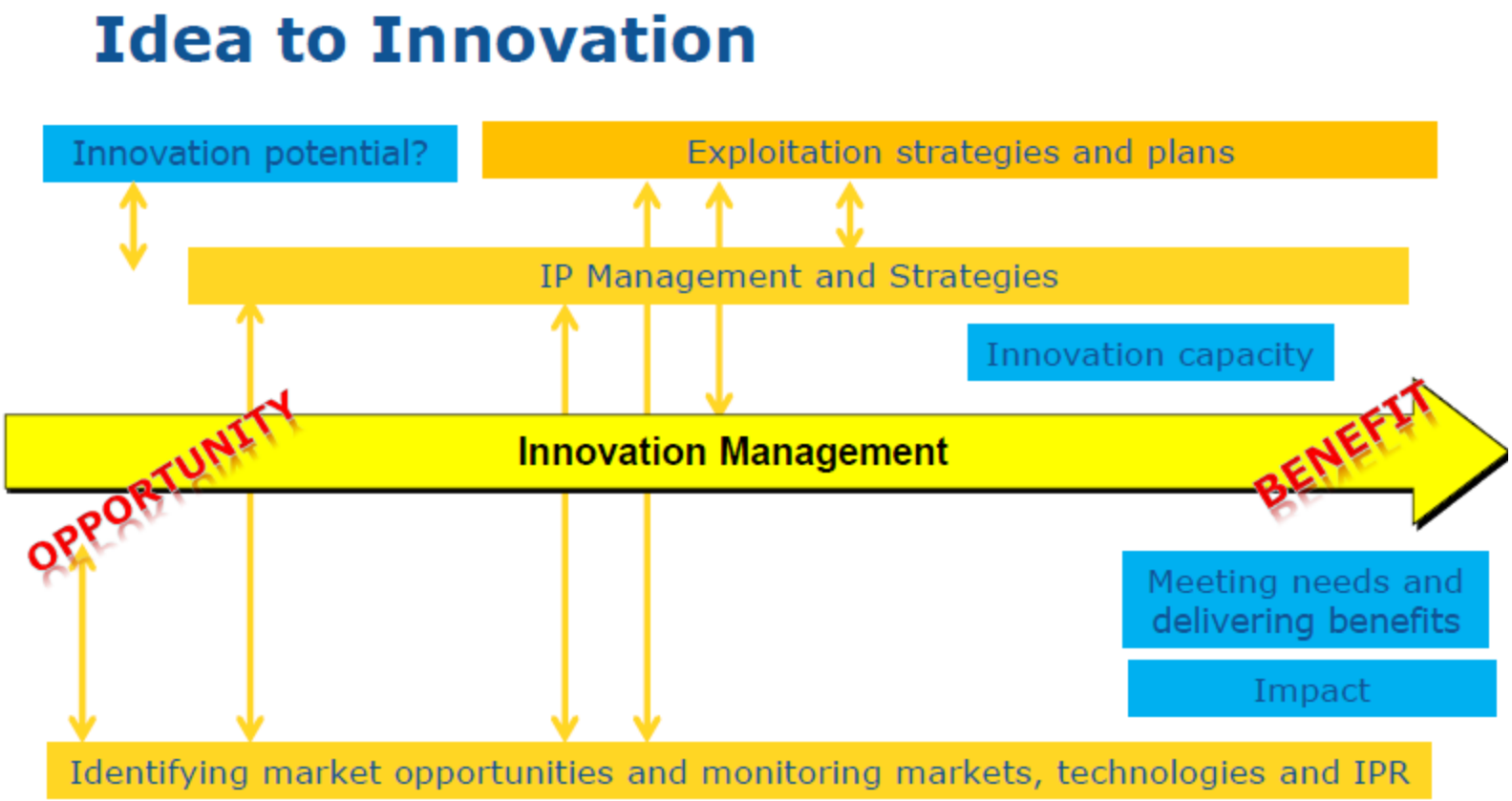
Innovation requires input in all three sections (excellence, impact and implementation) of a proposal:

1. Evaluation expects pay particular attention to the **innovation potential** of proposals,

2. the extent the proposal demonstrates the **development of innovations to strengthen the competiveness and growth of companies** and

3. the inclusion of **innovation management** in the management procedures used in the project.

Innovation dimension in your proposal



(Dr. Sweeney, 7/11/2014)

More information on innovation is provided in the H2020 FAQ document : http://ec.europa.eu/research/participants/portal/doc/call/h2020/h2020-protec-2015/1625112-h2020-evaluation-faq_en.pdf

H2020 cross-cutting issues

H2020 defines a set of cross-cutting issues for each of the work programmes.

Of relevance are **gender balance**, **environmental and socially important impacts** and where relevant, **international cooperation** and **trans-disciplinary aspects**:

Giving an appropriate level of attention to these elements strengthens a proposal and may play a role during the ranking of proposals.

In particular, **gender balance** (ie. number and role of female experts involved in the consortium) is used as an additional criterion in case of ex aequo scores.

Optimise your chances to success

Understand the domain and its challenges

R&D but also market, IPR and regulations, competition

Optimise available time to prepare your proposal

- Last minute preparations are often reflected in a lower quality which largely reduces the changes in success;
- **Late** submission in IT system = **inadmissible** proposal. Deadlines are strict!

Read carefully documents and follow strictly the instructions

Be clear and explicit

Evaluators must judge only what they read and have limited time

Do a mock evaluation

Ask a colleague to conduct a self-assessment of the proposal against each evaluation sub-criterion. If you don't find the right answer easily in the text, the evaluators won't find it either!

Usefull websites

- Space NCP website:www.space-ncp.net
- Research Enquiry Service Helpdesk: http://ec.europa.eu/research/index.cfm?pg=enquiries
- Call pages: http://ec.europa.eu/research/participants/portal/desktop/en/opportunities
- Templates for mock evaluations: http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/ef/h2020-call-ef-ria-ia-csa_en.pdf
- H2020 reference documents: http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html

Agenda

1. Rules for participation and evaluation
2. Proposal preparation and submission process
3. Proposal evaluation and ranking process
4. Novelties in H2020
5. How to maximise your chances for success?
6. **New independent experts**

New experts needed !!!

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EMPP: **Call for Expression of Interest** for new experts for H2020

http://ec.europa.eu/research/participants/portal/desktop/en/experts/index.html

Roles: Evaluator, rapporteur, quality support, independent observer; also project reviewer

Register or **update profiles!**

- Keyword lists
- Confirm availability for H2020 + FP7
- Experts may work max 120 days per 4 years

40% target female experts: for upcoming H2020 Calls

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RESEARCH & INNOVATION

Participant Portal

News

H2020 call for expression for interest for experts (11/2013) New calls for expression of interest for individual experts and for organisations to suggest experts were just published in OJ C342 of 22 November 2013. European Commission will soon need experts to evaluate first Horizon 2020 proposals. Don't forget to tick the H2020 box in the registration platform and update your expertise.

Quick Links

- FAQ for Experts
- Expert recommendations

Logistics for Brussels

- Map of evaluation area
- Info on hotels
- Metro map
- From airport to Brussels

Experts

H2020 ONLINE MANUAL

Join the database of independent experts for European research and innovation.

The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

New experts

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 of research and innovation (see call for details on types of expertise).
- can be available for occasional, short-term assignments

REGISTER AS EXPERT

What do expert assignments involve?

Experts, as peer reviewers, assist in the:

- **evaluation** of proposals
- **monitoring** of actions

In addition, experts assist in the :

- **preparation, implementation or evaluation of programmes** and **design** of **policies**.

Assignments mainly concern research and innovation, falling within the Horizon 2020 programme designed to address the challenges Europe is facing through funding excellent science, technology and innovation.

Take a look at the most recently funded projects.

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

Registered experts

- Registered experts can complete or **update their profile** at any time by logging-in to their Portal account

European Commission

Thank you for your attention !

Virginia Puzzolo

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