

## From idea to submitted project under H2020

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#### Outline

#### 1. INTRODUCTION – FROM IDEA TO IMPLEMENTATION

- Project Idea; Finding a Call; Partners search,
- Your Profile

#### 2. PROPOSAL PREPARATION

- APPLICATION PROCEDURES (1 OR 2 STAGE PROPOSALS)
- TYPES OF ACTIONS (PROPOSALS) IN HORIZON 2020
- TLRs Technology Readiness Levels

#### 3. STRUCTURE OF THE PROPOSAL

- ADMINISTRATIVE & FINANCIAL PARTS (PART A)
- PROPOSAL (PART B)

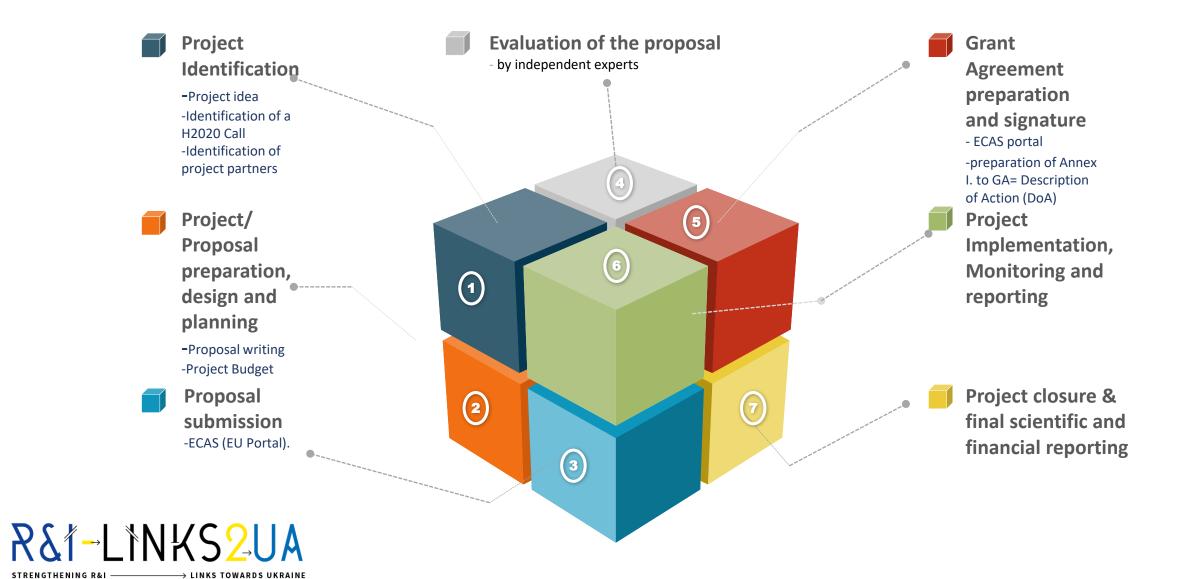
#### 4. HOW TO SUBMIT A PROJECT PROPOSAL

- 5. TIPS FOR SUCCESFUL PROPOSAL
  - Q&A





## Project Management Cycle in H2020 projects



## 1 PROJECT IDENTIFICATION

- Project idea
- → Identification of the call, partners





## 1 PROJECT IDENTIFICATION

- ✓ Provides baseline and contextual information for the project
- ✓ Involves understanding of the initial situation in question and the key factors



- Identification of the Horizon 2020 Call that matches your project idea
- Preparation of your Research Profile (profile of your institution)
- Identification of partners in EU relevant to the Call
- Register in ECAS (get a PIC number and validate your institution)
- Read the latest EU documents related to your topic:
  - Work programme (<a href="https://ec.europa.eu/programmes/horizon2020/h2020-sections">https://ec.europa.eu/programmes/horizon2020/h2020-sections</a>)
  - Europe 2020 strategy (<a href="http://ec.europa.eu/europe2020/index\_en.htm">http://ec.europa.eu/europe2020/index\_en.htm</a>)
  - EU policies (<a href="http://ec.europa.eu/policies/index\_en.htm">http://ec.europa.eu/policies/index\_en.htm</a>)
- Read the latest scientific papers related to your topic





## Questions?!

**RELEVANT** 

Idea

Approach

**Partners** 



Realisation of the call and work programme's objectives

- What kind of project will I implement? (scope, limits, objectives, expected impact)
- What will I do with the results? (exploitation, dissemination, knowledge tranfer)
- With whom will I implement this project? Who does what? (consortium, respective tasks, responsabilities)
- Why should my project be funded by the EC? (European added value)
- **How** will I successfully carry it to term? (resources, management, methodology)
- \*How much will it cost? What funding can I expect? (budget plan and EC contribution)
- Do I have my organization's support? (human and financial resources)



## How to find funding for your research idea? O PROJECT IDENTIFICATION

- Horizon 2020 offers a variety of funding opportunities
  - project idea /concept with high innovation potential
  - Finding a appropriate call:
- H2020 PARTICIPANT PORTAL

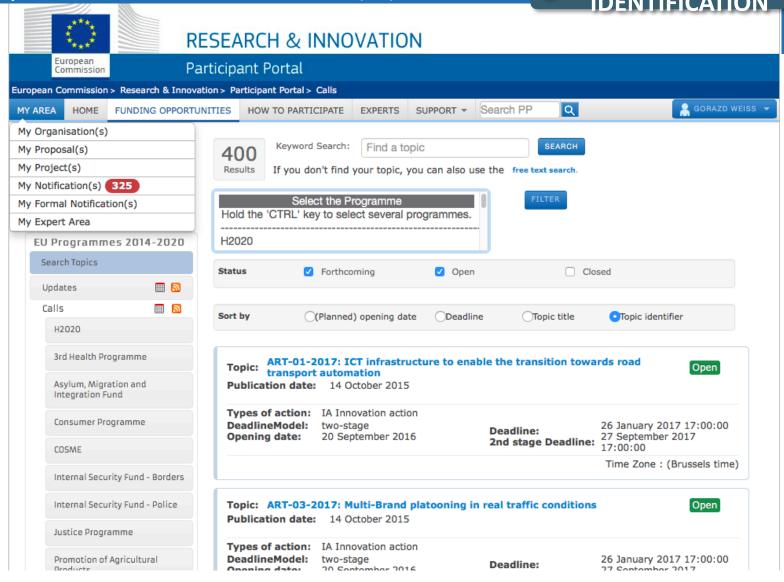




How to find funding for your research idea? (2)

① PROJECT
IDENTIFICATION

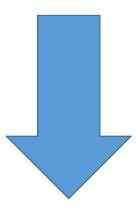
- \*H2020 -> funding opporutunities
- Search by topic/call ID...





## Project IDEA

Project Idea => concept with high innovation potential



Innovation IN H2020 =>> means successful exploitation of new ideas to produce tangible benefits, satisfying needs and wants



## Role of your institution in project





- What is the role of my institution in the proposal consorium?
- Am I ready to coordinate /be a partner?



## Roles of project participants



- Each of the project partners can have different roles.
- Roles are defined in the project workplan description
- Roles:
- Work package leader
- Task leader
- Activity leader
- Task participant...

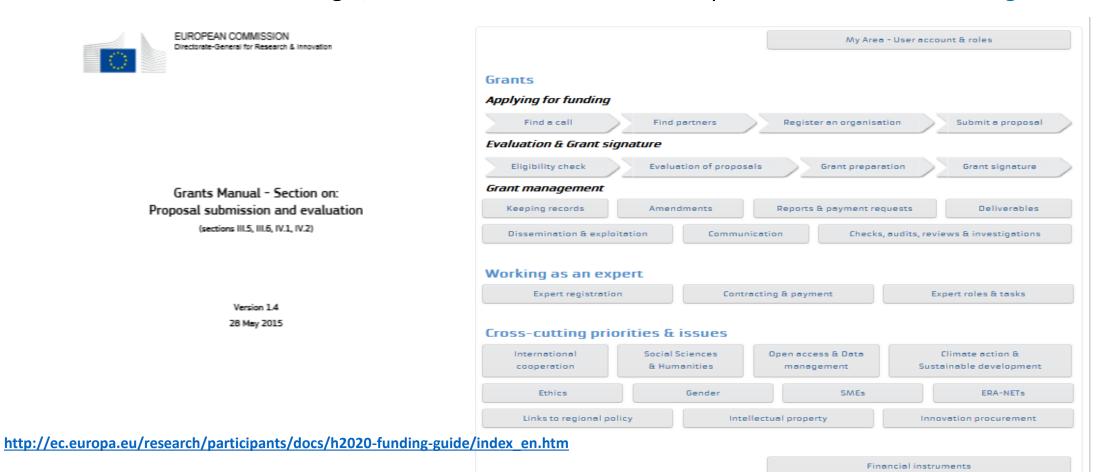


#### Information about administrative issues



Prizes

Awareness about the legal, administrative and financial requirements – H2020 Funding Guide





## Profile of your institution



- 2 PAGES ONLY!
- Provide targeted information about your institution:
- a description of the your institution and your competences, with an explanation of how its profile matches the tasks in the proposal (half page limit)
- CVs of the persons, including their gender, who will be primarily responsible for carrying out the proposed research and/or innovation activities; (6 lines maximum)
- a list of up to 5 relevant publications, and/or products, services or other achievements relevant to the call content;
- a list of up to 5 relevant previous projects or activities, connected to the subject of this proposal;
- a description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work;
- Include your logo
- Contact details of your institutions (Name in English/national language, Acronym/ PIC number, full address, contact details (including email, phone...)



#### Partner Search



- Online Partner search databases
- Bilateral contacts
- Bilateral projects
- Young researchers
- Brokerage events
- International conferences/ workshops



**RI-LINKS2UA Grants** 

EAP Inco net Grants

Other Grants, Call for papers



#### Partner Search – Online Databases





https://www.nmp-partnersearch.eu/

Home >> Partner Search >> NMP Partnersearch Home

#### PARTNER SEARCH

Login	
Username (E-Mail address):	
Password:	
login	
REGISTRATION	
PASSWORD LOST?	

PARTNER SEARCH HOME
LIST OF PARTNER SEARCHES
LIST OF PARTNER OFFERS
SEARCH FOR PARTNER ENTRIES
SEARCH FOR PARTNER PROFILES

#### Links

Get information on how to register and create your own partner searches and partner offers

Find out who is your national NMP NCP

Find partners for all HORIZON 2020 activities on the CORDIS service

Find partners on the Enterprise Europe Network partner

Partner Search - Partner Offer

Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing in HORIZON 2020

The NMP TeAm Partner Search Facility has been established by the network on NMP NCPs in order to offer best support to its clients. This web service is strictly focused on the open calls for proposals of the key enabling technologies *Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing* of *HORIZON 2020*, related actions like FET open, ERA-NETs like SIINN and M-ERA.NET and inducement prize (Horizon Prize on materials for clean air). The Partner Search Facility is open now for the NMBP-related call topics within the Horizon 2020 Work Programme 2016/2017.

On this web-service we discern between

- Partner Offer Researchers who offer their research expertise and who seek for collaboration in possible project consortia and
- Partner Search Researchers or consortia with a definite idea for a project who are looking for further partners to complement the expertise scope of the consortium

In order to get information on the already published entries, please enter: Search for partner entries

#### In order to submit your own partner offer or partner search you first have to register.

With the related online forms, you have the opportunity to upload your own partner offer or partner search. The information will appear online as soon as it has been quality checked by the responsible country specific NCP.

The user manual (release 13/10/15) provides detailed information on the use of this service.

#### Partner Search – Online Databases





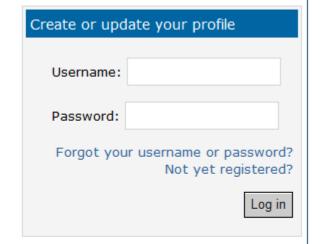
CORDIS

https://cordis.europa.eu/partners/web/guest

Community Research and Development Information Service

# Research Partners You can: Search for partners Query more with an advanced search Browse these active profiles and collaboration requests to build your network: 10518 Partner profiles 60 Open Calls for Proposals

■ Contact National Contact Point networks to get further support to find partners in your





• 5511 Partnership requests

384 Groups

specific theme

1337 Proposing project4174 Offering collaboration

TRENGTHENING R&I — DINKS TOWARDS UKRAINE

Vious the help pages and video tutorials



#### **CORDIS**



Community Research and Development Information Service European Commission > CORDIS > Projects & Results Service > Home Search 1 Sign in **NEWS & EVENTS** RESEARCH\*EU MAGAZINES PROJECTS & RESULTS **PARTNERS** Browse by: The primary information source for EU-funded projects since 1990 The Projects & Results Service is your one stop for information on EU-funded research projects and Subject project results. Programme Read more... Content type Horizon 2020 project information is available on CORDIS and the EU Open Data Portal. Country Advanced search Search projects and results Free text

## PROJECT PREPARATION, DESIGN AND PLANNING

- → APPLICATION PROCEDURES (1 OR 2 STAGE PROPOSALS)
- → TYPES OF ACTIONS (PROPOSALS) IN HORIZON 2020
- → TLRs Technology Readiness Levels







- Defining the project's objectives, purpose, expected outputs, impacts and activities and overall budget
- Setting the overall objectives
- Key activities/sub-activities
- Preparing an project outline
- Expected outcomes
- Defining impact indicators (specific, measurable, achievable, relevant and time-bound)
- Preparing a project implementation plan using the logical framework approach
- Defining the dissemination and exploitation activities
- Setting the overall project budget (calculating the PMs, other direct costs, subcontracting...)
- Writing the proposal
- Defining and negotiating the budget of all individual partners /third parties involved
- Completing the Administrative forms/ financial forms
- Completing the submission form



## Administrative procedures

PROJECT PREPARATION, DESIGN AND PLANNING

- → Single/Two-stage proposals
- Types of Actions
- → Technology Readiness Levels (TLRs)



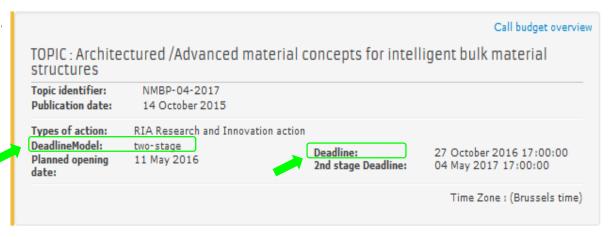
#### Application procedures



- Application procedures -> indicated in the Call for proposals
- 2 Models:
- Single stage: at the indicated deadline a full proposal will is submitted
- **Two- stage:** At 1<sup>st</sup> stage a brief project outline is submitted (sections 1 and 2

from the application form)-> "First stage proposal". following a successful evaluation. a

full proposal will be prepared in the 2<sup>nd</sup> Stage.





Horizon 2020
Pillar: Industrial Leadership
Work Programme Year: H2020-2016-2017
Work Programme Part: Nanotechnologies, Advanced Materials, Biotechnology and Advanced
Manufacturing and Processing
Call: H2020-NMBP-2016-2017

#### Types of Actions



Research and Innovation
Actions

**Innovation Actions** 

Coordination and Support Actions

**SME** Instrument

**ERANET Co-fund** 

Pre-commercial
Procurement Co- fund

Public Procurement of Innovative Solutions Co-fund



## Types of Actions



Type of Action¹	Code	Minimum Conditions <sup>2</sup>	Funding Rate	J	Typical Average EC Contribut		Aim
Research & Innovation Action	RIA	≥ 3 legal entities from 3 MS/AC	100%		36-48 months € 2.0 – 5.0M		collaborative research projects
Innovation Action	IA	≥ 3 legal entities from 3 MS/AC	70%³		30-36 months	€ 2.0 - 5.0M	produce plans & arrangements or designs for new, altered or improved products, processes or services
Coordination & Support Action	CSA	1 legal entity	100%		12-30 months	€ 0.5 - 2.0M	accompanying measures (standardisation, dissemination, policy dialogues etc.) no research
MSCA4 (except Cofund)	MSCA	see separate fact	sheet				facilitate mobility of researchers for training & career development
ERC Grants	ERC	1 legal entity in MS/AC	100%		60 months	Starting:       ≤ € 2.0M         Consolidator:       ≤ € 2.75M         Advanced:       ≤ € 3.5M	support excellent investigators and their research teams to pursue ground- breaking, high-gain/ high-risk research
Prizes	PRI	1 legal entity	n/a		n/a	variable; see respective topic	<ul> <li>recognise past achievements</li> <li>induce future activities</li> </ul>
SME Instrument	SME	1 SME in MS/AC	•	s: Phase 1: lump sum of € 50K / project Phase 2: € 1 - 2.5M / project (1-2 years) (70% of eligible costs reimbursed) Phase 3 : no funding			combination of demonstration activities (testing, prototyping,), market replication
Fast Track to Innovation	FTI	≤ 5 legal entities from 5 MS/AC	70%³		tbd	≤€3.0M	produce plans & arrangements or designs for new, altered or improved products, processes or services

<sup>&</sup>lt;sup>1</sup> Defined in the Work Programme.



<sup>&</sup>lt;sup>2</sup> Additional conditions may be listed in the respective Work Programmes.

<sup>3 100%</sup> for non-profit organisation (= any legal entity except companies)

<sup>4</sup> MSCA = Marie Skłodowska Curie Actions

- 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
- Minimum: three independent legal entities, established in different Member States or Associated Countries -> Possible additional conditions in Work Programmes!
- Funding: 100%



#### Innovation Actions - IA



- Innovation actions IA
  - 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.
  - Minimum: three independent legal entities, established in different Member States or Associated Countries -> Possible additional conditions in Work Programmes!
- Funding: 70% funding for profit and 100% for non-profit participants



- 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 networking and coordination between programmes in different countries.
- Minimum one legal entity established a Member State or associated country ->
   Possible additional conditions in Work Programmes!

Funding: 100%



#### Other Instruments



#### SME Instrument (Phase 1 and Phase 2)

- Only applications from SMEs established in EU Member States or countries associated to Horizon 2020
- Phase 1: Feasibility study verifying the technological/practical as well as economic viability of an innovation idea with considerable novelty to the industry sector;
- Phase 2: innovation projects that demonstrate high potential in terms of company competitiveness and growth underpinned by a strategic business plan.
- Minimum one for-profit SME
- 70% funding for Phase 2, lump sums for Phase 1

#### ERANET Cofund

 The only eligible participants in ERA-NET Cofund actions are research funders: legal entities owning or managing public research and innovation programmes

#### Procurement

- Pre-commercial procurement (PCP) Cofund
  - enable the public sector as a technologically demanding buyer to encourage research, development and validation of breakthrough solutions
- Public procurement of innovative solutions (PPI) Cofund
  - to reinforce early deployment of innovative solutions that address challenges of public interest; to enable trans-national buyer groups of procurers to share the risks of acting as early adopters of innovative solutions

#### Prizes

Rewards for past achievements or inducement prizes to be awarded for the achievement of a pre-specified target

#### Training and mobility grant – for Marie Skłodowska Curie Actions

For single beneficiaries, funding bodies or transnational consortia for training, mobility and career development of researchers

#### Debt finance and equity investment

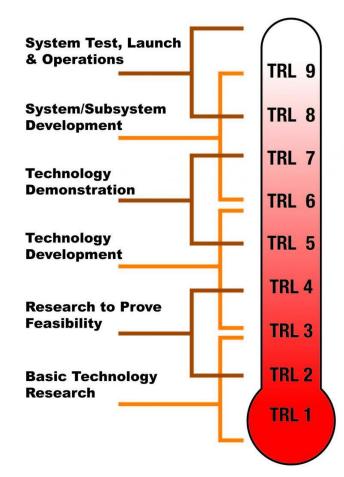
Access to risk finance



#### Technology Readiness Levels (TRLs)



- ✓ The TRL is a new dimension in Horizon 2020.
- ✓ Many of the call topics have a defined TRL at which the implementation of the proposal is intended to start, as well as a target TRL.
- ✓ The use of Technology Readiness Levels (TRLs) as a measurement of the maturity level of particular technologies is a new development in Horizon 2020.
- ✓ This measurement system <u>provides a common understanding</u> of technology status and addresses the entire innovation chain.
- ✓ By evaluating a technology project against the parameters for each Technology Readiness Level one can assign a TRL rating to the project based on its stage of progress.
- ✓ There are nine technology readiness levels; TRL 1 being the lowest and TRL 9 the highest.



**Commercialization** 

Extended operation of production hardware

Demonstration of pre-production hardware

Prototype demonstration ("looks like" hardware)

Breadboard demonstration ("acts like" hardware)

Proof of concept validation (integrating components)

Proof of concept research (bench scale)

**Academic Research** 



## Structure of the proposal

- → ADMINISTRATIVE & FINANCIAL PARTS (PART A)
- → PROPOSAL (PART B)





## Part A: Administrative Forms (1)

#### A1: General Informatic

- Project Title
- Akronym
- Keywords
- Abstract



Declarations

- General I	ntormation
Topic Call Identifier	
Type of Action	
Deadline Id	
Acronym	
Proposal title*	Max 200 characters (with spaces). Must be understandable for non-specialists in your field.
Not	e that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &
Duration in months	Estimated duration of the project in full months.
Free keywords	Enter any words you think give extra detail of the scope of your proposal (max 200 characters with spaces).
bstract	
the objectives how they will their relevance	2,000 characters, with spaces) to clearly explain: of the proposal be achieved e to the work programme.

Declarations	
) The coordinator declares to have the explicit consent of all applicants on their participation and on the content f this proposal.	
) The information contained in this proposal is correct and complete.	. 09
b) This proposal complies with ethical principles (including the highest standards of research integrity — as set out, for instance, in the <u>European Code of Conduct for Research Integrity</u> — and including, in particular, woiding fabrication, falsification, plagiarism or other research misconduct).	
) The coordinator confirms:	
to have carried out the self-check of the financial capacity of the organisation on  ttp://ec.europa.eu/research/participants/portal/desktop/en/organisations/ffv.html or to be cowered by a financial  iability check in an EU project for the last closed financial year. Where the result was "weak" or "insufficient",  ne coordinator confirms being aware of the measures that may be imposed in accordance with the H2020  Grants Manual (Chapter on Financial capacity check); or	0
is exempt from the financial capacity check being a public body including international organisations, higher or econdary education establishment or a legal entity, whose viability is guaranteed by a Member State or ssociated country, as defined in the H2020 Grants Manual (Chapter on Financial capacity check); or	0
as sole participant in the proposal is exempt from the financial capacity check.	0
) The coordinator hereby declares that each applicant has confirmed:	
they are fully eligible in accordance with the criteria set out in the specific call for proposals; and	
they have the financial and operational capacity to carry out the proposed action.	
The coordinator is only responsible for the correctness of the information relating to his/her own organisation. Ear emains responsible for the correctness of the information related to him/her and declared above. Where the prop	

#### A2:Administrative data of all participating in the state of the state

- All beneficiaries need to have a valid PIC num
- Contact persons from each institution should

PIC	Legal name	
Short name:		
Address of the o	rganisation	
Stre	eet	
Tov	vn	
Postco	de	
Count	lry	
Webpad	70	
	of your organisation	
Research and	Innovation legal statuses	Legal person unknown
Research and	Innovation legal statuses	Legal personunknow
Research and Public body	Innovation legal statuses	Legal personunknow
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## Part A: Administrative Forms (2)



- A3: Budget
  - Budget per beneficiary
  - Indirect costs are calculated automatically 3 - Budget for the proposal

No	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))	costs covering direct &	(H) Total estimated eligible costs / € (=A+B+C+D+F +G)	(I) Reimburse- ment rate (%)	(J) Max.EU Contribution / € (=H*I)	(K) Requested EU Contribution/ €
1			0	0	0	0	0	0,00	0	0,00	100	0,00	0,00



## Part A: Administrative Forms (2)



Page

#### **A4: Ethic Issues**

4 - Ethics issues table

I. HUMAN EMBRYOS/FOETUSES		Page
Ooes 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?	CYes ⊙No	
Does your research involve physical interventions on the study participants?	CYes ⊙ No	
3. HUMAN CELLS / TISSUES		Page
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses, i.e. section 1)?	⊖Yes	
PERSONAL DATA		Page
Does your research involve personal data collection and/or processing?	⊖Yes	
Does your research involve further processing of previously collected personal data (secondary use)?	⊖Yes	
5. ANIMALS		Page
Does your research involve animals?	⊖Yes ⊙ No	

these countries raise potential ethics issues?	103	(e) 140	
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.)?		⊙ No	
Do you plan to import any material - including personal data - from non-EU countries into the EU?	⊖Yes	⊙ No	
For data imports, please fill in also section 4. For imports concerning human cells or tissues, fill in also section 3.	6		
Do you plan to export any material - including personal data - from the EU to non-EU countries? For data exports, please fill in also section 4. For exports concerning human cells or tissues, fill in also section 3.	CYes	⊙ 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 & HEALTH and SAFETY			Page
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?  For research involving animal experiments, please fill in also section 5.	⊖Yes	⊙ No	
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?  For research involving human participants, please fill in also section 2.	⊖Yes	⊙ No	
8. DUAL USE			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	

In case non-EU countries are involved, do the research related activities undertaken in Over & No.

THIRD COUNTRIES



## Part B – Proposal



As an example <u>RIA template</u> will be presented.

For 1<sup>st</sup> stage proposals the section 1 and 2 need to be submitted!

- Sections of part B:
- 1. Excellence
- 2. Impact



- 3. Quality and Efficiency of the implementation
- 4. Member so the Consortium
- 5. Ethic and Security issues



#### 1. Excellence





- 1.1 Objectives =>Clear, pertinent and measurable objectives, credibility of the scientific approach...
- 1.2 Relation to the work programme => addressing the challenge and the scope
- 1.3 Concept and Methodology => novel approach, addresses challenges from the call, beyond the state-of-the-art, description of the methodology + cross-cutting issues (e.g. <u>RRI</u>)
- 1.4 Ambition => Ground-breaking nature of the objectives, concept, transdisciplinarily considered, innovation potential, SWOT Analysis,...



## 1.1.Objectives=aims=targets=goals?



- Objective: what you hope to achieve
- Aim: what you intend to do to fulfill your objective
- **Target:** a measurement of how successfully your aim is in reaching its objective.
- Goal: an indicator of whether your aim is achieving its objective.



## SMART objectives

- Specific Objectives should specify what they want to achieve.
- Measurable You should be able to measure whether you are meeting the objectives or not.
- Achievable Are the objectives you set, achievable and attainable?
- Realistic Can you realistically achieve the objectives with the resources you have?
- Time When do you want to achieve the set objectives?



### 2. Impact





- 2.1 Expected impacts => impact indication can be found in Work programme and specific Call;
- => 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

#### **Expected Impact**:

The implementation of novel smart material technologies is expected to pave the way for innovative environmentally friendly smart products:

- Enhancing the market opportunities for European industries;
- Improving consumer safety;
- Reducing maintenance costs;
- · Improving resource efficiency;
- · Contributing to a future circular economy;
- Improved understanding of materials properties based on theoretical materials models.

Enhancing the knowledge base in the EU not only at the R&D Level but also at the manufacturing and production level, creating a highly skilled workforce with improved levels of job satisfaction.

Proposals should include a business case and exploitation strategy, as outlined in the Introduction to the LEIT part of this Work Programme.







- Supporting the expected impact with quantitative information
- Appropriate measurable indicators to convincingly demonstrate how the projects will contribute to all the expected impacts
- Respond to the expected impact of the work programme
- Justify the reasons for focusing on a specific area of the call and how this is reflected in the expected impacts
- Explain how innovation capacity will be enhanced
- Explain any impacts beyond those expected by the call



### 2.2 Measures to maximize impacts

- a) <u>Dissemination and exploitation</u>
- a draft plan for the dissemination and exploitation of the project's results
- decision about the participation in pilot on open research data; outline of knowledge management and protection (incl. measures to provide open access, IPR...), business plan

• ...

b) <u>Communication activities</u> (target groups, stakholders and measures, communication strategy)



### Impact (4)



### Exploitation, dissemination and Communication

- Clearly explain how IP will be managed (with the details for the Consortium Agreement)
- Justify confidential deliverables and why dissemination is not hampered
- Explain how open access will be ensured
- Credibly describe exploitation and uptake beyond the project and how long-term sustainability is accomplished
- Measures tailored to project and target audience
- Clearly define the different target audiences, including media and public



### 3. Implementation

- 3.1 Work plan Work packages, deliverables => overall structure of the project, coherent and effective work plan, description of the Work package and tasks, list of deliverables incl. appropriate of the allocation of tasks and resources
- 3.2 Management structure and procedures incl. critical risk and mitigation measurers, milestones, appropriate management structure connected innovation management process and exploitation plan.
- 3.3. Consortium as a whole => description of the consortium, involvement of industrial/commercial participants, involvement of other countries.
- 3.4 Resources to be committed => completed financial tables (PMs per WP), justification of the "other direct costs" items for each participant (=only if the total exceeds 15% of personnel costs for that participant)
- Page limit: For <u>full proposals</u>, the cover page, and sections 1, 2 and 3, together should not be longer than 70 pages (for RIA actions!)



## Implementation (2)



### Work plan and resources

- X Activities and resources responding to the Type of Action, the challenge and methodology
- X Clear and credible interactions and integration between WPs and partners, including for interdisciplinary work
- X Linkage between responsibilities tasks deliverables resources
- X Clear roles with task allocation corresponding to partner profiles and adequate number of actors
- X Adequate use and number of deliverables and milestones for proper monitoring of progress
- X Appropriate management resources for the size and complexity of the project
- X Budget for collaboration with other projects
- X Innovation Actions (IA) Timing of the demonstration



### Implementation (3)



### Risk management

- X Key risks covered and risk level indicated
- X Effective mitigation measures and contingency plans

### Management structure

- X Tailored to size, nature and complexity of the project
- X Clearly identified roles, composition and interaction of management and advisory bodies, including decision making
- X Appropriate to deal with the innovation process Innovation management
- X Credible mechanisms for quality assurance and performance monitoring



# no page limit

- 4.1 Participants => short description of the participants incl. their expertise, involvement in tasks, short CVs, list of 5 relevant publications, list of 5 relevant projects
- 4.2. Third parties involved



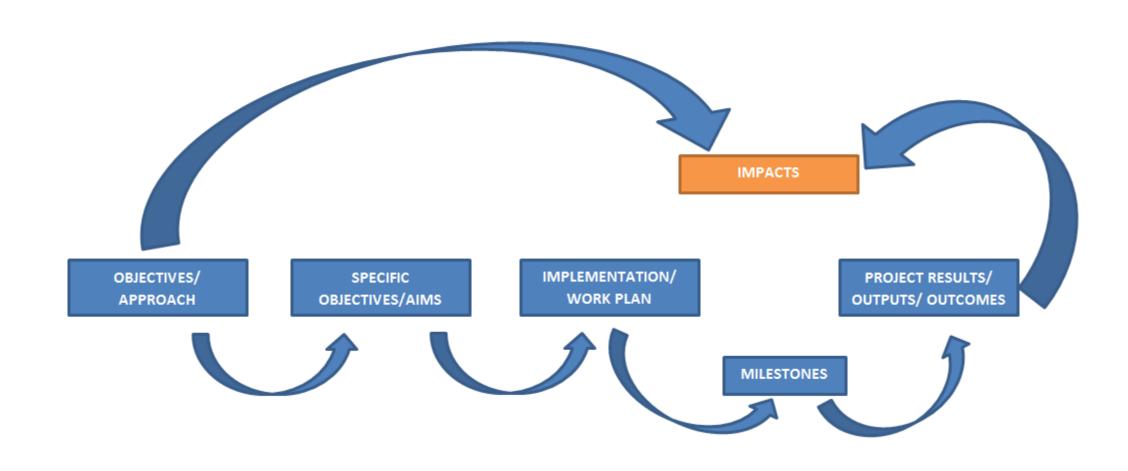
## Section 5: Ethic and Security



- no page limit
- **5.1** Ethics => to be completed very carefully. Depending on research to be carried on the submission of the ethic self-assessment document as well as other necessary documents may be requested in the application.
- **5.2.** Security => answer to the questions listed.



### PROJECT PREPARATION,







### Submission Procedure



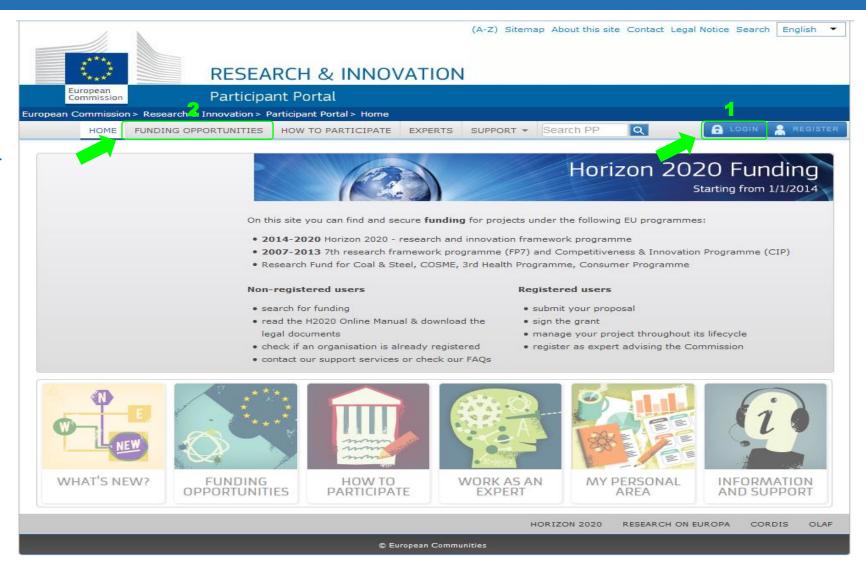


### 1. Access the ESS

# Connect to the Participant Portal:

http://ec.europa.eu/research/p articipants/portal/desktop/en/h ome.html

- 1. Log in ECAS
- 2. Go to « Funding opportunities »



# Procedure for proposal submission, step by step

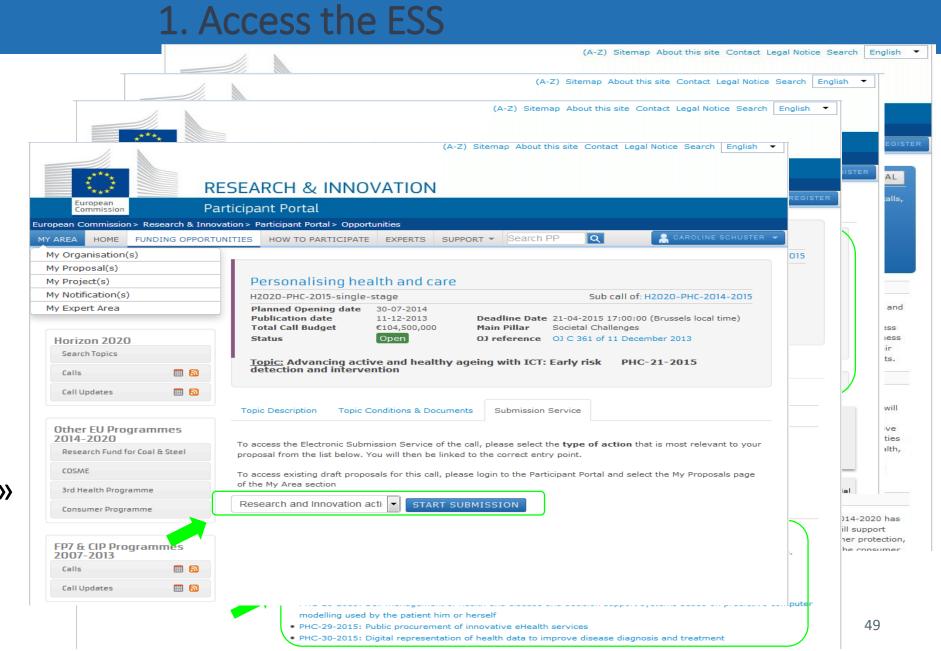
Go to « Calls ».

Find your call by using the filters.

On the call's page, select the topic of your interest.

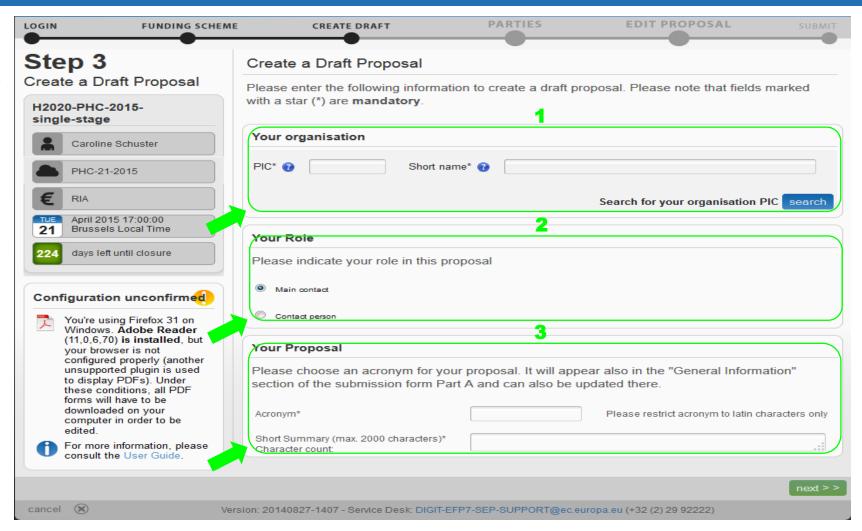
To access the ESS, select the type of action, then press « Start Submission »

R&I-LINKS2UA



# 2. Create a draft (1)

- Enter your organization's name and/or PIC
- 2. Select your role
- 3. Fill in your proposal's acronym and summary





# 2. Create a draft (2)

# You will be presented the following disclaimer:

- Click « Accept » to proceed with the submission
- Click « Decline » to cancel the submission

#### Submission and Evaluation of Proposals Assent Disclaimer

By pressing the following button, you accept the terms and conditions of usage of this site and more specifically:

#### Proposal pre-registration data

- Information used for the pre-registration and creation of a draft proposal: Call, topic, type of
  action; Participant Identification (PIC) code of your Organisation, Acronym, Short Summary,
  Panels and Keywords. (Step3) and the list of participating organisations (Step4) can be used by
  the services in charge for the planning of evaluations.
- 2. Short Summary describes briefly the purpose of the proposal with a maximum of 2,000 characters. Entering at least keywords will help the services in the planning of the evaluations. Coordinators may choose to enter 'xxx' at this stage should they prefer not disclosing any data. The 'Short summary' information is then copied to the "Abstract" field in the administrative form and can be modified there.
- If you do not wish any of your pre-registration data to be available to the European Commission/service in charge prior to call closure then please send an email to the Participant Portal Service Desk (address available at the foot of the screen and in the User Guide).

#### Part B

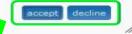
- 3. File format: For the Technical Annex (part B) you must use exclusively PDF ("portable document format", compatible with Adobe Acrobat version 5 or higher, with embedded fonts). Annexes might have an obligatory page limit. Please check for the number and type of mandatory or optional annexes for the call in the relevant call documentation. Annexes with excess pages where page limit applies, will receive a watermark upon upload to the system. Users will receive a warning when trying to submit an annex with excess pages.
- 4. Time constraints: Preparation and uploading of the PDF formatted technical annex may take some time. You should ensure that this has been completed in time, well before the call closure deadline.

#### Submission

5. In order to be made available for evaluation, proposals must be submitted prior to the call closure deadline. Likewise, modifications to proposals or uploaded attachments are also required to be submitted prior to the call closure deadline or they will not be taken into account. Proposals may be submitted or withdrawn at any time prior to the call closure deadline. There is only ever one version of a submitted proposal, as submission over-writes the previous version.

#### Personal Data

- 6. We will process personal data in accordance with Regulation No 45/2001 and according to the "notifications of the processing operations" to the Data Protection Officer (DPO) of the Commission/Agency (publicly accessible in the DPO register). Read more on the Legal Notice of the Participant Portal.
- "\*Regulation (EC) No 45/2001\* of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data (OJL 8, 12.01.2001, p. 1).



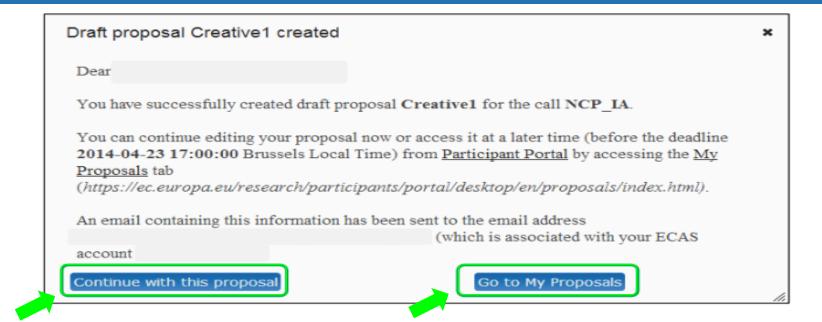


# 2. Create a draft (3)

Upon the creation of your draft, you will receive:

- A message on your screen
- A confirmation e-mail

Click « Continue with this proposal » to proceed with the next step. To postpone this action and return to your list of proposals, click « Go to my proposals »





### 3. Consortium

#### **Proposal coordinator:**

- Single point of contact between participants and EC for the proposal
- Overall planning of proposal
- Full rights for action in ESS

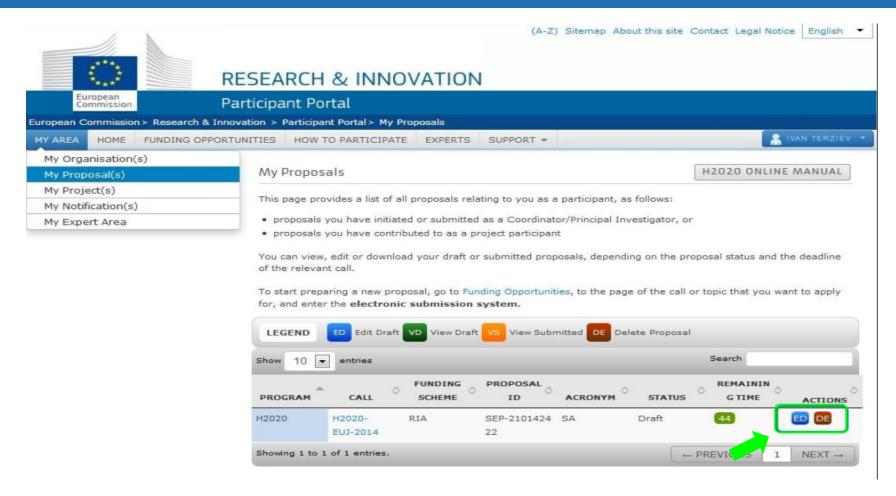
#### Partner:

- Invited by coordinator to fill in administrative forms
- Restricted rights for action in ESS

Action	Proposal Coordinator	Partner
Select the call	Yes	No
Add, invite participants	Yes	No
Submit the proposal	Yes	No
Read complete proposal	Yes	Yes
Define the budget tables	Yes	No
Create contacts for a partner	Yes	No



For previously saved draft proposal forms, this step can be accessed through >> My Proposals page in the Participant Portal (you must be logged in). Click <u>« ED »</u> in the Actions column.



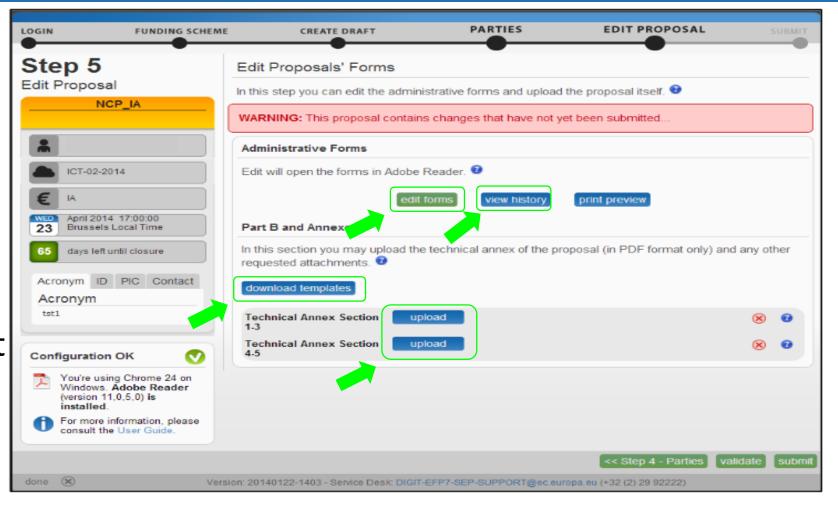


Click « Edit forms » to open the PDF form you have to fill in.

Click « View history » for the list of all system and user actions.

Click « Download templates » for the latest proposal requirements package.

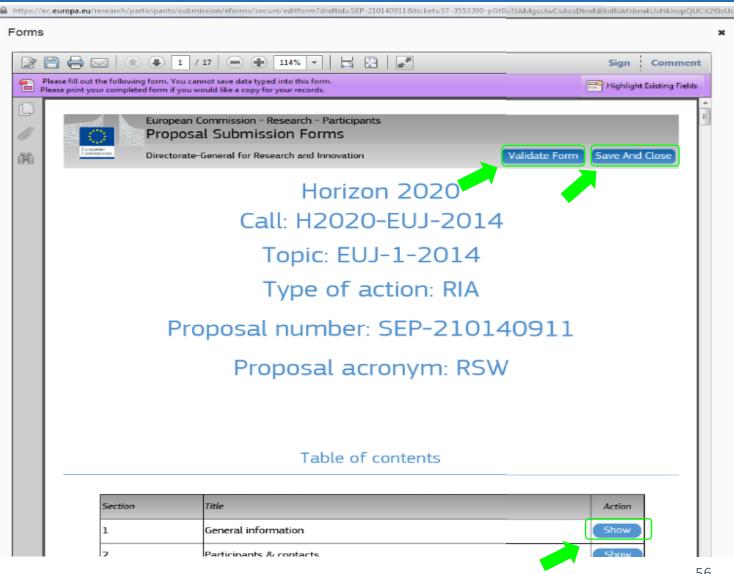
Click « Upload » to upload your completed



Scroll down or click on « Show » to access and complete the respective section of the form.

Click « Save and close » to save the completed data and exit the edit page.

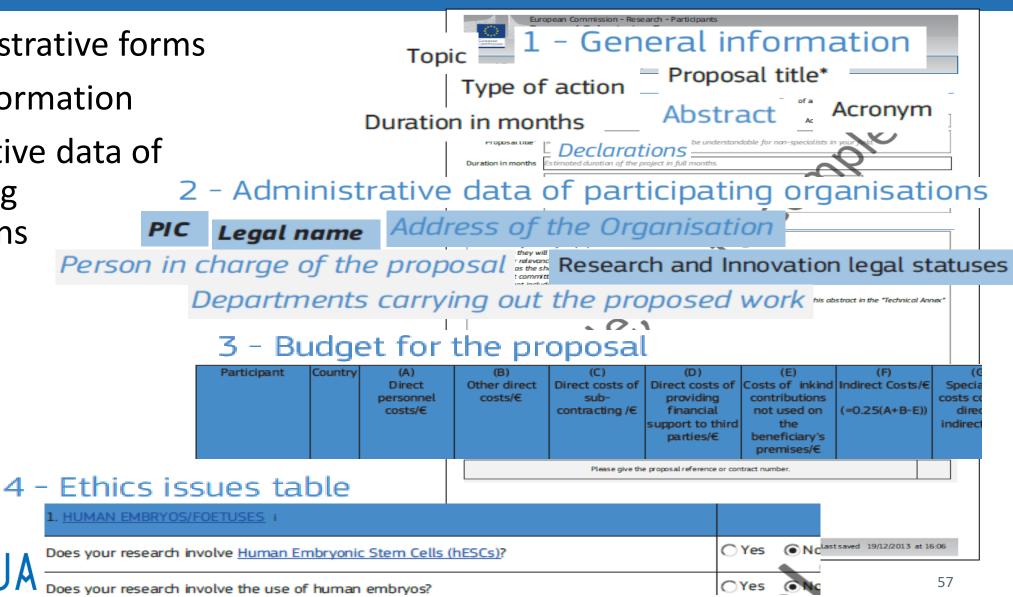
Click « Validate form » for the self check of the completed data. Errors and warnings will be listed at the end of the form.





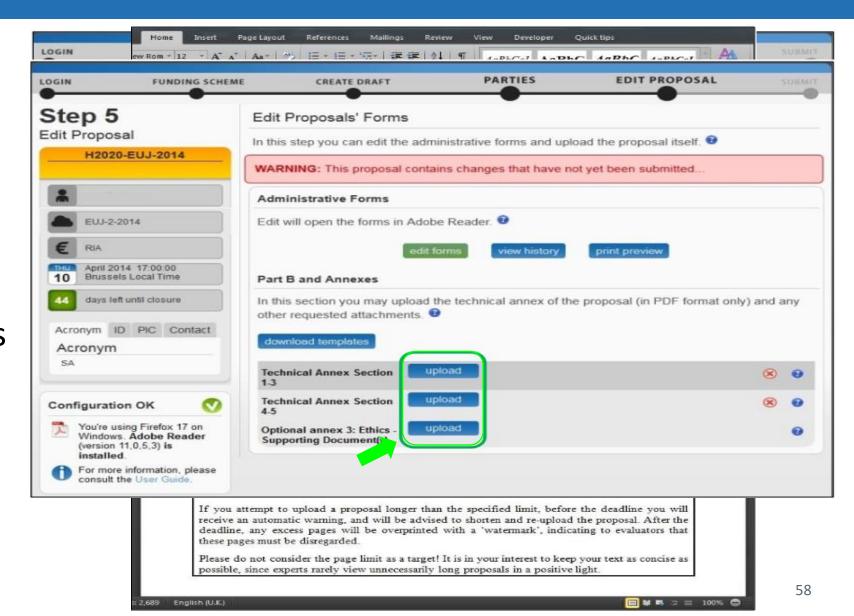
### Part A: Administrative forms

- 1. General Information
- 2. Administrative data of participating organizations
- 3. Budget
- 4. Ethics



### Part B: Technical annex

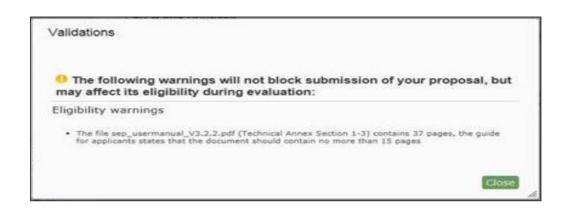
- Download the templates
- 2. Complete the templates
- 3. Upload the completed templates





When completing and uploading your proposal, be careful of:

- File size, format and resolution
- File name and security
- Limitations in length, font size and margins. Exceeding these limitations may affect the project's eligibility.





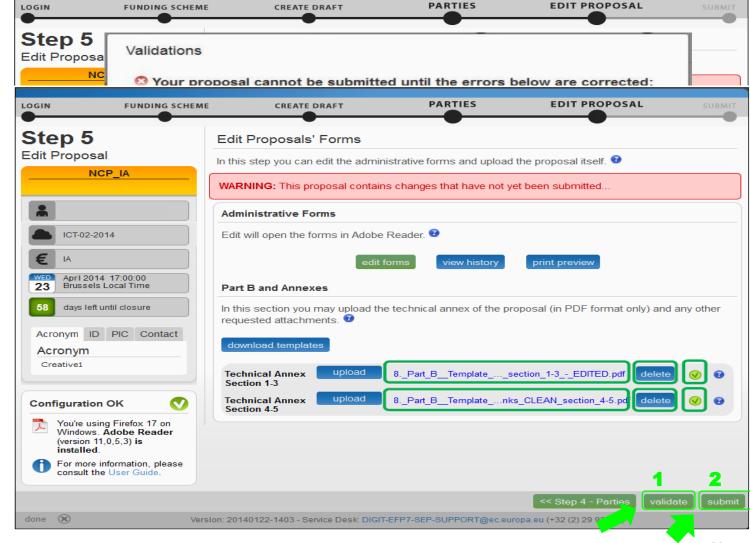
### Validate and submit

Click « Validate » to make sure that your application meets all requirements.

The system will advise you of any errors.

Correct all errors and warnings, then click « Validate » again to make sure you have not missed anything (1).

Once you get a « No error » message, click « Submit » (2).

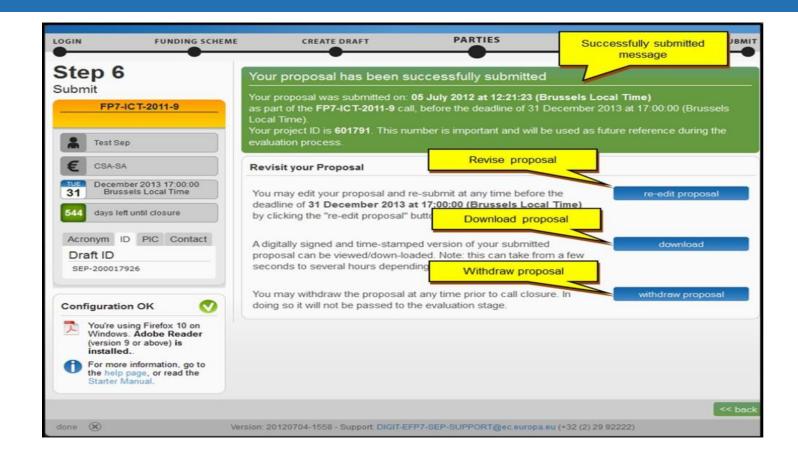


# Submitted proposal

# Once your proposal is submitted, you can:

- Revise it;
- Download it;
- Withdraw it;

PRIOR TO THE CALL CLOSURE





### Reminder

- 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.





### References

#### **Horizon 2020 Online Manual**

http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index\_en.htm

#### **Proposal Submission Service User Manual**

http://ec.europa.eu/research/participants/data/support/sep\_usermanual.pdf

#### Guide on proposal submission and evaluation

http://ec.europa.eu/research/participants/data/ref/h2020/grants manual/pse/h2020-guide-pse en.pdf

#### Other H2020 reference documents

(rules for participation, guides for applicants, proposal templates, evaluation forms, etc) <a href="http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference">http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference</a> docs.html

#### **NCP** network

http://ec.europa.eu/research/participants/portal/desktop/en/support/national contact points.html

Project Cycle managament- diffrent sources (GTZ, PMB...



**RESEARCH & INNOVATION** 

Participant Portal

European Commission > Research & Innovation > Participant Portal > Reference Documents

D.

# Tips for succesful proposal writing





### Some tips for succesful proposal\*

- Ensure your proposed objectives and work plan meets the challenges addressed by the call.
- Follow exactly the structure given in the guide for applicants.
- Be as concise and precise as possible. Avoid general statements.
- The consortium of partners must be excellent and appropriate for the tasks.
- Do not overcrowd objectives and show how you achieve them.
- Have the evaluator and the evaluation criteria at the forefront when writing the proposal.
- Select the best partners and have an experienced coordinator.
- Treat each section as if it is the most important section.



## Some tips for succesful proposal\*

- Treat each section as if it is the most important section.
- Think about presentation and the layout of the proposal. Use diagrams to explain complex concepts.
- Proof-read and check for spelling mistakes
- **Sell, don't tell**. Make the evaluator feel your passion. In addition to having an excellent idea which is the basis of any successful proposal, researchers must *sell* the concept to the evaluators. and overall flow of the narrative.
- The Project has to serve the needs of the European Community / European Policies (Impact)







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### THANK YOU FOR YOUR ATTENTION!

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