

# Horizon 2020

## Introduction

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# Framework Programmes for Research and Technological Development

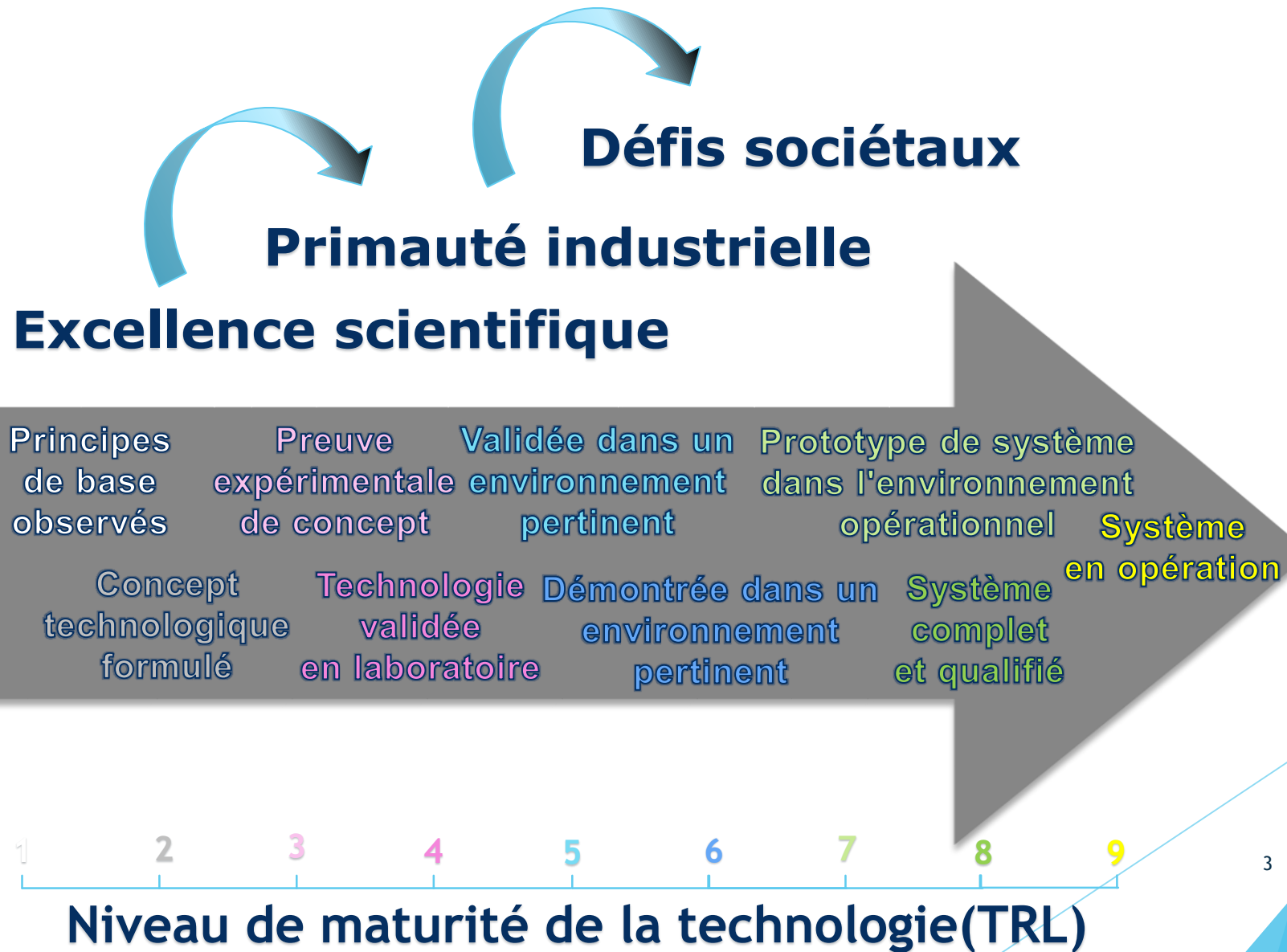
Vidéo d'Horizon 2020

[http://cache.media.education.gouv.fr/video/Les\\_belles\\_histoires/50/2/H2020\\_AnimationEntiere\\_V5-HD\\_912502.mp4](http://cache.media.education.gouv.fr/video/Les_belles_histoires/50/2/H2020_AnimationEntiere_V5-HD_912502.mp4)

- ▶ Created by the European Union to support and foster research in the European Research Area
- ▶ Work programmes are defined by the Commission aided by official advisory groups and lobby groups
- ▶ Steadily increasing budget
- ▶ From FP1 to FP 7, the focus was in technological research
- ▶ Focus in H2020 is in Innovation

Framework Programme	Period	Budget (Billion €)
FP 1	1984-1987	3.8
FP 2	1987-1991	5.4
FP 3	1990-1994	6.6
FP 4	1994-1998	13.2
FP 5	1998-2002	15.0
FP 6	2002-2006	17.9
FP 7	2007-2013	50.5
Horizon 2020 (FP8)	2014-2020	77
Horizon Europe (FP9)	2021-2028	100

# Couverture de la chaîne d'innovation complète



# Comment ça marche ?

1. La Commission européenne ou un autre agence de financement publique publient le programme de travail
2. Vous devez trouver un sujet pertinent dans ce programme de travail
3. Vous devez ensuite trouver des partenaires afin d'intégrer ou de former un consortium, qui organisera l'écriture de la proposition répondant à l'appel
4. Le coordinateur du consortium soumet la proposition
5. Vous attendez que l'évaluation ait lieu
6. ... en cas d'évaluation positive ...
7. Vous signez la convention de subvention et vous démarrez le projet



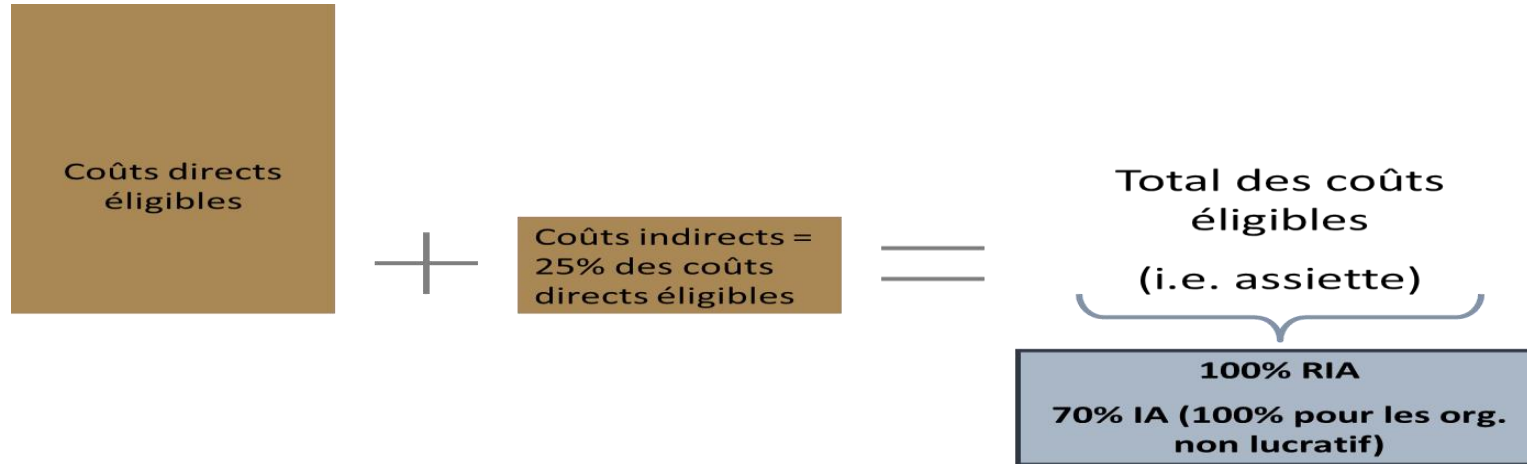
# Pourquoi PARTICIPER AUX projets collaboratifs ?

- ▶ Travailler ensemble pour faire passer ses idées du laboratoire au marché
- ▶ Relever ensemble les défis mondiaux qui ne peuvent être résolus qu'au niveau international
  - tels que les maladies infectieuses, les changements climatiques ou la sécurité
- ▶ Accéder à de nouveaux réseaux et alliances
  - rehausser le profil de ses compétence dans un projet international
  - partager l'expertise et l'accès à l'équipement, aux données et aux infrastructures de recherche et de test
  - Partager le risque
- ▶ Co-crérer avec ses fournisseurs, ses clients, les académiques et toutes les parties prenantes
  - bien connaître ses partenaires afin de continuer à innover avec eux après la durée de vie du projet
- ▶ Accéder à des financement publique → *excellent taux de financement dans Horizon2020*
  - *Jusqu'à 100% des coûts totaux éligibles*
  - *Limité à 70% maximum pour les actions proches du marché sauf pour les institutions sans but lucratif qui pourront recevoir jusqu'à 100%*
  - *Pour les coûts indirects, un taux forfaitaire de 25% des coûts éligibles directs est appliqué*

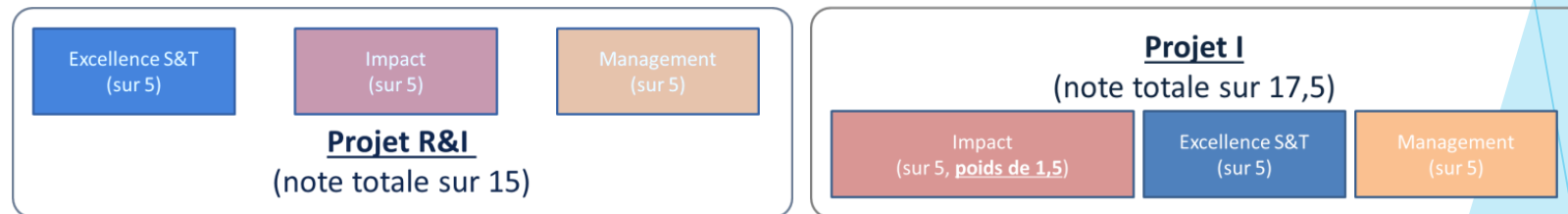
# Horizon 2020: les règles de base

## 0. Des projets collaboratifs européens (min. 3 partenaires de 3 pays)

### 1. Taux



### 2. Critères



### 3. Quelques autres « instruments »:

- PCP and PPI
- bourses (ERC, MSCA)
- SME instrument , *Fast Track to innovation (EIC)*

### 4. « time-to-grant » garanti!

# Research and Innovation Action (RIA)

- ▶ **Aim:** To establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution.
  - ▶ It may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.
- ▶ **Funding:** Up to 100% of eligible costs
- ▶ **Eligibility criteria:** Three independent legal entities, each established in a different Member State or Associated Country

Additional conditions are set out in the Work (i.e. number of participants, type of participants, ... see SC7)

# Innovation Action (IA)

- ▶ **Aim:** To produce plans and arrangements or designs for new, altered or improved products, processes or services
  - ▶ It may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.
- ▶ **Funding:** Up to 70% of eligible costs (up to 100% for non-profit)
- ▶ **Eligibility criteria:** Three independent legal entities, each established in a different Member State or Associated Country
  - Additional conditions are set out in the Work (i.e. number of participants, type of participants, ... see SC7)



# Coordination and Support Action (CSA)

- ▶ **Consisting 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.
- ▶ **Funding:** Up to 100% of eligible costs
- ▶ **Eligibility criteria:** One legal entity established in a Member State or Associated Country  
Additional conditions are set out in the Work (i.e. number of participants, type of participants, ... see SC7)

# Associated Countries to H2020

1. Iceland
2. Norway
3. Switzerland
4. Albania
5. Bosnia and Herzegovina
6. the former Yugoslav Republic of Macedonia
7. Montenegro
8. Serbia
9. Turkey
10. Israel
11. Moldova
12. Faroe Islands
13. Ukraine
14. Tunisia
15. Georgia
16. Armenia

List of countries eligible for funding

# Schengen Area



# Electronic Submission

## Electronic Submission System:

Accessible through the call page

- You need: **ECAS credentials**  
**PICs for all partners**
- Prepare the proposal:
  - On-line for structured part – **Part A**
  - Upload non-structured part – **Part B** (2 pdf files)
- Submit the proposal:  
**Validation checks**
- **Complete the submission, including the checks before the deadline!**

Submission failure rate = + 1%

**Typical reason for failure when waiting till the last minute:**

- Technical problems
- Panic-induced errors (uploading the wrong proposal)
- Too late starting upload, run out of time



# Structured Part A – online

## Section 1

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

## Section 2 (one form per partner)

- Participant Identification Code (PIC)
- Department
- Dependences
- Contact information
- Other contact information

The screenshot shows the 'Proposal Submission Forms' interface for the European Commission. The header includes the European Commission logo and the text 'European Commission - Research - Participants Proposal Submission Forms'. Below the header, there are navigation buttons: 'Table Of Contents', 'Validate Form', and 'Save And Close'. The main content area is titled 'General Information' and contains several fields:

- Proposal ID:** 123456
- Acronym:** ACRO
- Topic:** ABCD
- Type of action:** Action
- Call identifier:** SEP-ABCD
- Proposal title:** A text input field with a note: 'The title should be no longer than 200 characters (with spaces) and should be understandable to the non-specialist in your field.'
- Duration in months:** A text input field with a note: 'Insert the estimated duration of the project in full months.'
- Fixed keyword:** A dropdown menu with a note: 'Please select the keyword(s) that best characterise the subject of your proposal in order of priority.'
- Free keywords:** A text input field with a note: 'You may enter a number of keywords that you consider necessary to characterise the scope of your proposal. There is a limit of 200 characters.'
- Abstract:** A large text area with a note: 'The abstract should provide the reader with a clear understanding of the objectives of the proposal, how they will be achieved, and their relevance to the Work Programme. This summary will be used as the short description of the proposal in the evaluation process and in communications to the programme management committees and other interested parties. It must therefore be short and precise and should not contain confidential information. Please use plain typed text, avoiding formulae and other special characters. If the proposal is written in a language other than English, please include an English version of the proposal abstract in the Description of work. There is a limit of 2000 characters (with spaces).' Below the text area, it says 'Remaining characters 2000'.
- Declaration:** A question: '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 radio buttons for 'Yes' and 'No'.

At the bottom of the page, there is a footer with the text: 'Multi-Newpdf Page 2 of 11 Last saved 21/10/2013 at 17:13'.

# Structured Part A – online 2/2



## Section 3

- Cost and requested grant details

### 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 / €
	BE	1 000 000	200 000	30 000	4 000	500	299 875	60	1 533 935	100	1 533 935	1 500 000
	ES	2 000 000	300 000	40 000	5 000	600	574 850	70	2 919 920	100	2 919 920	2 900 000
<b>Total</b>		<b>3 000 000</b>	<b>500 000</b>	<b>70 000</b>	<b>9 000</b>	<b>1 100</b>	<b>874 725</b>	<b>130</b>	<b>4 453 855</b>		<b>4 453 855</b>	<b>4 400 000</b>

## Section 4

- Questionnaire on ethical issues & societal impact

## Section 5

- Call specific questions: clinical trial, Stage 2, SME Instrument, Open Data Pilot, ERA-NET PCP-PPI

# Part B – 2 pdf files



## First file – Sections 1-3

Limit: **70** pages (**50** pages for CSA)

- Excellence
  - E.g. Objectives, concept, progress beyond state-of-art...
- Impact
  - E.g. Potential impact (incl. with reference to WP); measures to maximise impact (dissemination, communication, exploitation)
- Implementation
  - Including work packages descriptions
  - Information on third parties and subcontractors

Samples of proposal templates are downloadable from

[http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference\\_docs.html](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html)

# Part B – 2 pdf files



- **Second file – Sections 4-5-6**
- **No page limit**
  
- **Section 4:** Members of the consortium
- **Section 5:** Ethics and Societal Impact
- **Section 6:** Security

# The Proposal Template

You must use the official template for the part B

## Pay attention to:

- **The page limits:** defined in the template – excess pages will be watermarked by the system and disregarded by the evaluators

### 3.2 Management structure and procedures

- Describe the organisational structure and the decision-making (including a list of milestones (table 3.2a))
- Explain why the organisational structure and decision-making mechanisms are appropriate to the complexity and scale of the project.
- Describe, where relevant, how effective innovation management will be addressed in the management structure and work plan.  
*⚠ Innovation management is a process which requires an understanding of both non-technical and technical problems, with a goal of successfully implementing appropriate creative ideas, new or improved product, service or process is its typical output. It also allows a consortium to respond to an external or internal opportunity.*
- Describe any critical risks, relating to project implementation, that the stated project's objectives may not be achieved. Detail any risk mitigation measures. Please provide a table with critical risks identified and mitigating actions (table 3.2b)

### 3.3 Consortium as a whole

- ⚠ *The individual members of the consortium are described in administrative section 4. There is no need to repeat that information here.*
- Describe the consortium. How will it meet the project's objectives? How do the members complement one another (and cover the value chain, where appropriate)? In what way does each of them contribute to the project? How will they be able to work effectively together?
- If applicable, describe the industrial/commercial involvement in the project to ensure exploitation of the results and explain why this is consistent with and will help to achieve the specific objectives which are proposed for exploitation of the results of the project (see section 3.3)
- Other countries: if more of the participants requesting EU funding is based in a country that is not automatically eligible for such funding (entities from Member States of the EU, EFTA and Associated Countries and from one of the countries in the exhaustive list included in General Annex A of the work programme are automatically eligible for EU funding), explain why the participation of the entity in question is essential to carrying out the project.

### 3.4 Resources to be committed

- ⚠ *Please make sure the information in this section matches the costs as stated in the budget table in section 3 of the administrative proposal forms, and the number of person/months, shown in the detailed work package description.*

Please provide the following:

- a table showing number of person/months required (table 3.4a)



# Successful electronic submission



- Each submission overwrites the previous one
- Make an early submission to check out how it works with 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**

# The “Security Union” focus area in Horizon 2020

