



European
Commission



Horizon 2020 Secure Societies

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NOT LEGALLY BINDING

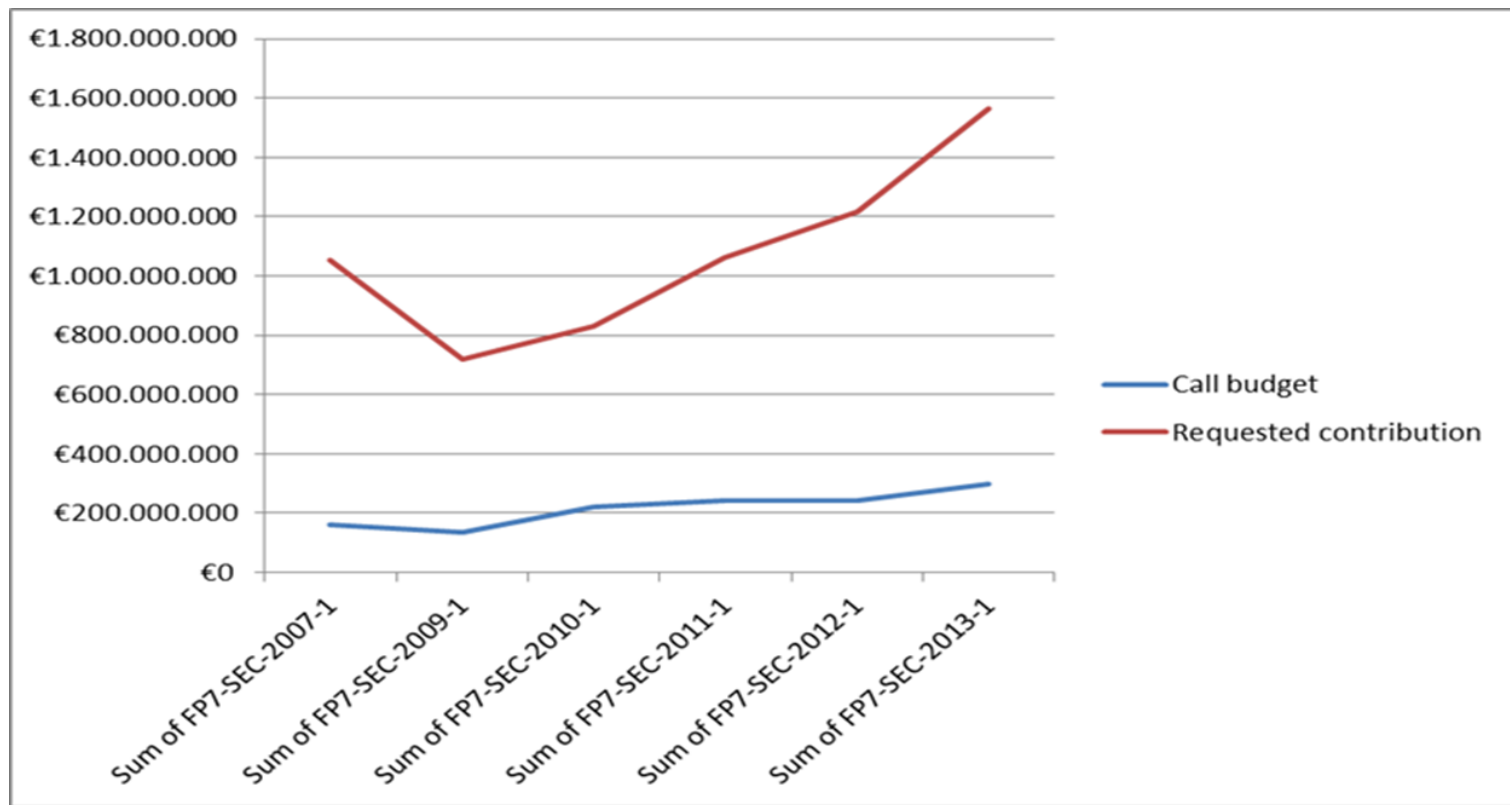
Where we come from: FP7-Security R&D (2007-2013):

- **EUR 1,4 billion (20% to SMEs)**
- **More than 250 projects and 2500 participants**

EU funding: 40% of total European funding



FP7 Security budget vs. requested EC contribution



Where we are: H2020

Aim: securing Europe's global competitiveness by investing in science and innovation

Budget: EUR 79 billion

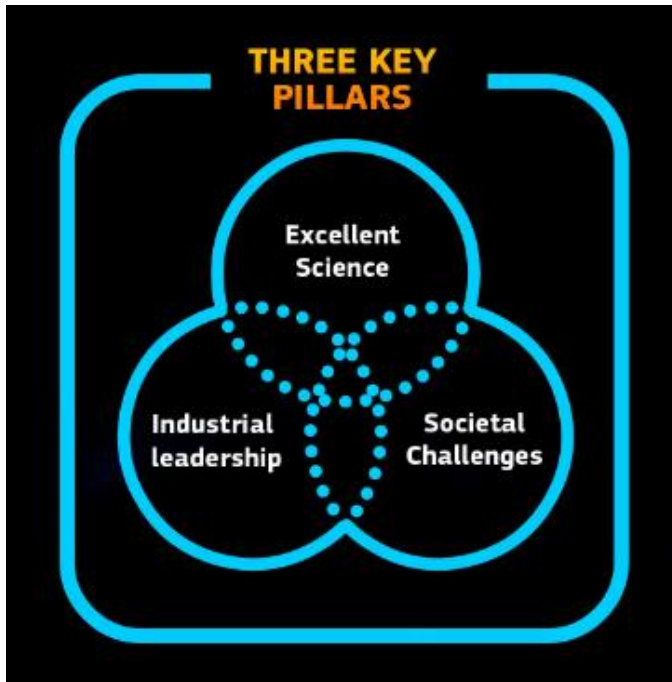
Duration: 2014-2020



What has changed in H2020?

- Strong challenge-based approach
- Focus on societal challenges facing EU society
- Simplified list of possible actions
- Mainstreaming of cross-cutting issues
- Coupling research to innovation: from research to retail, all forms of innovation
- Participation is easier:
 - easier access
 - easier applications
 - shorter time to grant
 - quicker payments

Key pillars

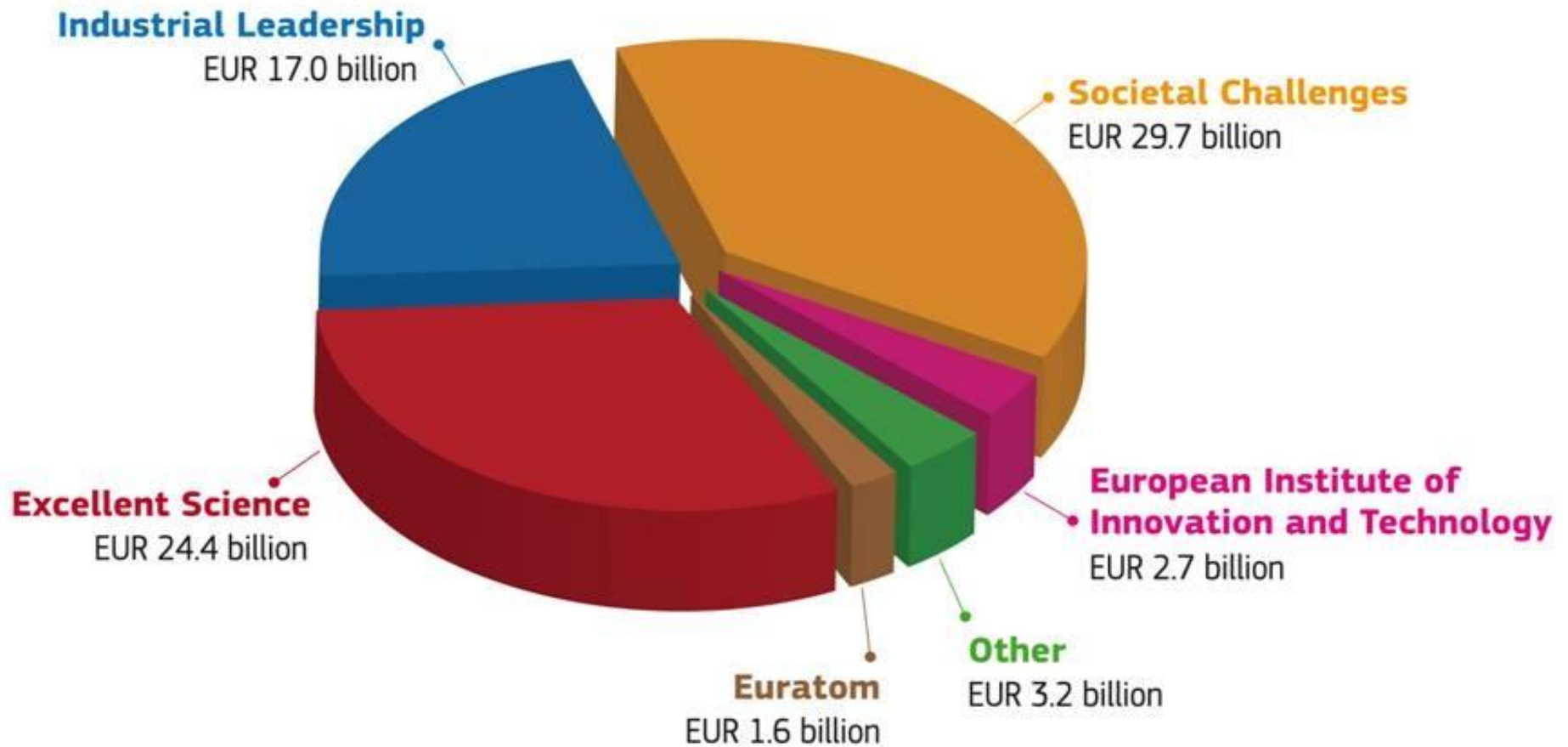


- Supporting Europe's excellent science base
- Building industrial leadership in Europe
- Tackling societal challenges for a better society

Horizon 2020



HORIZON 2020 BUDGET (EUR 78.6 billion, current prices)



Security: a societal challenge

It concerns the protection of citizens, society and economy as well as Europe's assets, infrastructures and services, its prosperity, political stability and well-being.

Any malfunction or disruption, intentional or accidental, can have a detrimental impact with high associated economic or societal costs.



Secure Societies: does industry matter?

The security industry is one of the sectors with highest potential for growth and employment in the EU. In 2011, the sector employed 180,000 people, with an annual turnover of approximately €30 billion.

- Overcoming market fragmentation through EU-wide standards
- Reducing the gap from research to market by introducing new funding schemes
- Better integration of societal considerations by thoroughly assessing the impact of security technologies on fundamental rights

Secure Society Challenge

- Maintains its mission driven character
- Supports EU internal and external security policies
- Supports the EU industry to be competitive
- Strengthens the involvement of the end-users
- Takes more into account the Societal Dimension
- Includes Cyber-Security





Structure of the Secure Societies Work Programme

Disaster Resilient Societies – ENTR

Crisis management and civil protection, critical infrastructure protection

Fight against Crime and Terrorism - ENTR

Forensics, law enforcement capabilities, ethical/societal dimension

Border Security - ENTR

Border crossing points, information management, supply chain security

Digital Security - CNECT

Privacy, access control, trust eServices, Secure information sharing

Disaster Resilient Societies

safeguarding and securing society, including adapting to climate change

The DRS-call is divided in the following sub-sectors:

- *Crisis management and Civil Protection*
- *Disaster Resilience & Climate Change*
[These topics come from the Environment Challenge 5 – with their budget.]
- *Critical Infrastructure Protection*
- *Communication interoperability*
- *Ethical/Societal Dimension*

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-drs-2014.html>



Fight against Crime and Terrorism

The FCT-call is divided in the following sub-sectors:

- *Forensics*
- *Law enforcement capabilities*
- *Urban security*
- *Ethical/Societal Dimension*

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-fct-2014.html>



Border Security and External Security

The BES-call is divided in the following sub-sectors

- *Maritime Border Security*
- *Border crossing points*
- *Supply Chain Security*
- *Information Management (External Security)*
- *Conflict prevention and Peace building*
- *Ethical/Societal Dimension*

<http://ec.europa.eu/research/participants/portal/desktop/en/op/h2020/calls/h2020-bes-2014.html>



Digital Security

The DS-call concerns the following subjects:

- *Privacy*
give users control over their data
- *Access Control*
user friendly, non-password based
- *The role of ICT in Critical Infrastructure Protection*
test interdependencies on critical ICT
- *Secure Information Sharing*
highly secure information sharing that creates trust
- *Trust eServices*
business cases for eSignature, eAuthentication
- *Risk management and assurance models*
adapt existing risk management frameworks to cyber-threats
<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-ds-2014-1.html>



International Dimension

All topics are open to international cooperation
Some topics explicitly encourage international cooperation:

"In line with the EU's strategy for international cooperation in research and innovation international cooperation is encouraged, and in particular with international research partners involved in on-going discussions and workshops, and US homeland security research entities. Funding for third countries is however still subject to the evaluations."

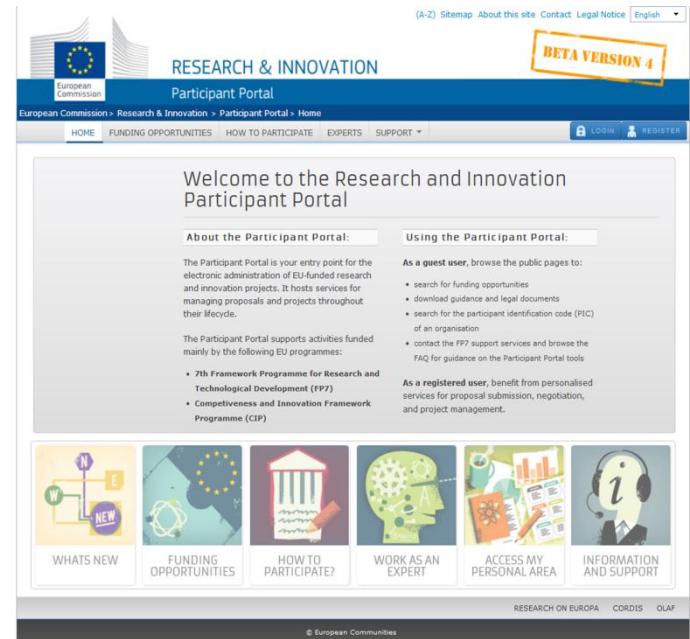
Eligibility for funding: see Art. 10.2 of the Rules for Participation



European
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Time line

- Call open:
 - ✓ **DS: 11 December 2013**
 - ✓ **DRS-FCT-BES: 25 March 2014**

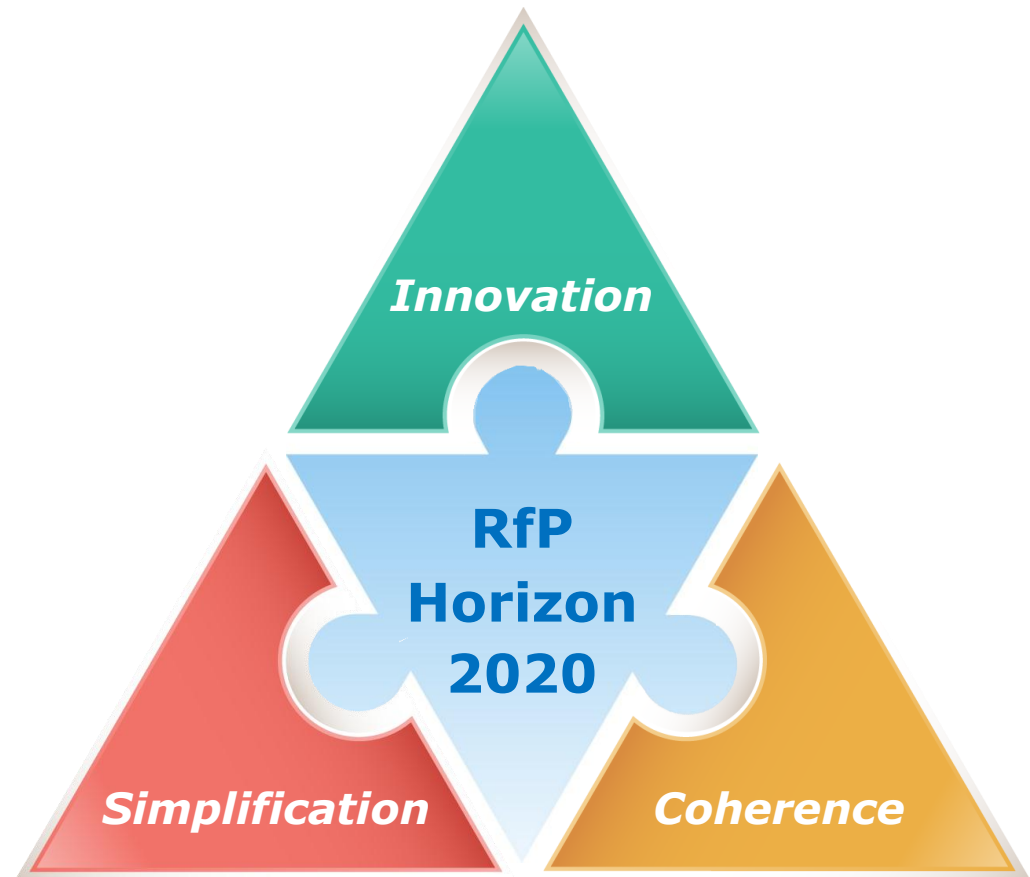


- Call closed (**all calls**): 28 Aug 2014
- Info on outcome of Evaluation: end December 2014
- Signature of Grant Agreements: starting early 2015

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

Rules for Participation: Three main objectives

**Innovation,
Simplification
and Coherence**



Time to grant: speeding up the process - *I*

A maximum TTG of 8 months

5 months

for informing all applicants
on scientific evaluation

3 months

for signature of GA

Some exceptions apply

Time to grant: speeding up the process - II

How to speed up the process

- ✓ **No more negotiations:**
each proposal evaluated 'as it is',
not as 'what could be';
- ✓ **Legal entity validated in parallel.**
- ✓ **No more paper:**
e-communication & e-signature of grants.

The screenshot shows the top navigation bar of the Participant Portal, including the European Commission logo, the text 'RESEARCH & INNOVATION Participant Portal', and a breadcrumb trail: 'European Commission > Research & Innovation > Participant Portal > Home'. Below this is a menu with 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. On the right, there are 'LOGIN' and 'REGISTER' buttons. The main content area features a welcome message: 'Welcome to the Research and Innovation Participant Portal'. It is divided into two columns: 'About the Participant Portal' and 'Using the Participant Portal'. The 'About' section explains the portal's role in the electronic administration of EU-funded research and lists supported EU programmes: the 7th Framework Programme for Research and Technological Development (FP7) and the Competitiveness and Innovation Framework Programme (CIP). The 'Using the Portal' section provides instructions for guest users (searching for opportunities, downloading documents, and contacting support) and registered users (benefiting from personalized services). At the bottom, there is a row of six icons with labels: 'WHATS NEW', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE?', 'WORK AS AN EXPERT', 'ACCESS MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'.

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% (***)

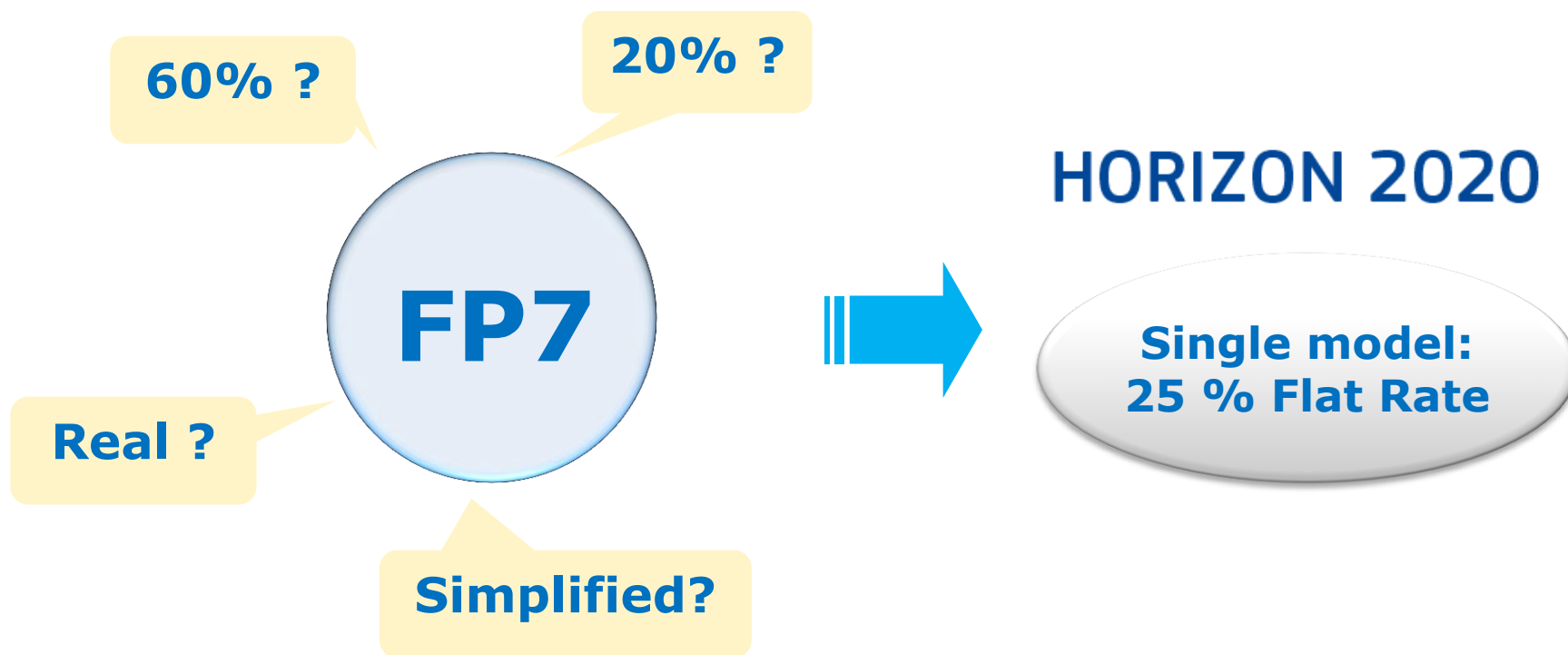
(*) Research and technological development includes scientific coordination.
(**) For *beneficiaries* that are *non-profit public bodies*, secondary and higher education establishments, *research organisations* and *SMEs*.
(***) The reimbursement of indirect eligible costs, in the case of coordination 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%).

Single indirect cost model



New funding model: what impact on the EU contribution?

An example

FP7 <i>Majority of HES & RTOs</i>	Direct costs	Indirect costs	Total costs	% EU contribution	EU contribution
Flat-rate (60%)	100	60	160	75%	€ 120

HORIZON 2020	Direct costs	Indirect costs	Total costs	% EU contribution	EU contribution
100/25 Funding	100	25	125	100%	€ 125



Controls and Audits

Financial viability → Restricted to coordinators for projects \geq €500 k€

Audit certificates [→ Only for final payments/per beneficiary /for actual costs \geq €325 000 €
→ Optional Certificates on average personnel costs

Ex-post audits [→ Provisions in **Horizon 2020 Regulation!**
→ Commission's audits up to two years after payment of the balance
→ Audit strategy focused on risk and fraud prevention

Extrapolation → New Financial Regulation will apply

Guarantee Fund → Continuity with FP7

Relevant Funding Instruments

Research and Innovation Action (RIA)

Innovation Action (IA)

Coordination and Support Action (CSA)

SME Instrument

Pre-Commercial Procurement Cofund (PCP)

Fast Track to Innovation Pilot

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

Funding: Up to **100%** of eligible costs

Eligibility criteria: Three independent legal entities, each established in a different Member State or Associated Country

Innovation Action (IA)

Aim: To produce plans and arrangements or designs for new, altered or improved products, processes or services

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

Coordination and Support Action (CSA)

Consisting of: Accompanying measures (e.g. standardisation, dissemination, awareness raising and communication, networking, coordination or support services, etc.)

Funding: Up to **100%** of eligible costs

Eligibility criteria: One legal entity established in a Member State or Associated Country

SME Instrument – Topic DRS-17

Description: The SME instrument is targeted at all types of innovative SMEs showing a strong ambition to develop, grow and internationalise. It provides staged support covering the whole innovation cycle in three phases complemented by a mentoring and coaching service.

Funding: Up to **70%** of eligible costs

Eligibility criteria:

One for-profit SME. Only applications from SMEs established in EU Member States or countries associated to Horizon 2020.

NB: Multiple deadlines different from the other topics

First deadline for phase 1: 18/06/2014

First deadline for phase 2: 09/10/2014

Separate evaluation – see Work Programme



Conditions for participation

Minimum conditions

- For standard collaborative actions (**RIA** and **IA**)
 - ✓ **3 legal entities**, each established in different MS/AC
- For **CSA** : **1 legal entity**
- For SME instrument
 - ✓ 1 legal entity established in a MS/AC

Additional conditions

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

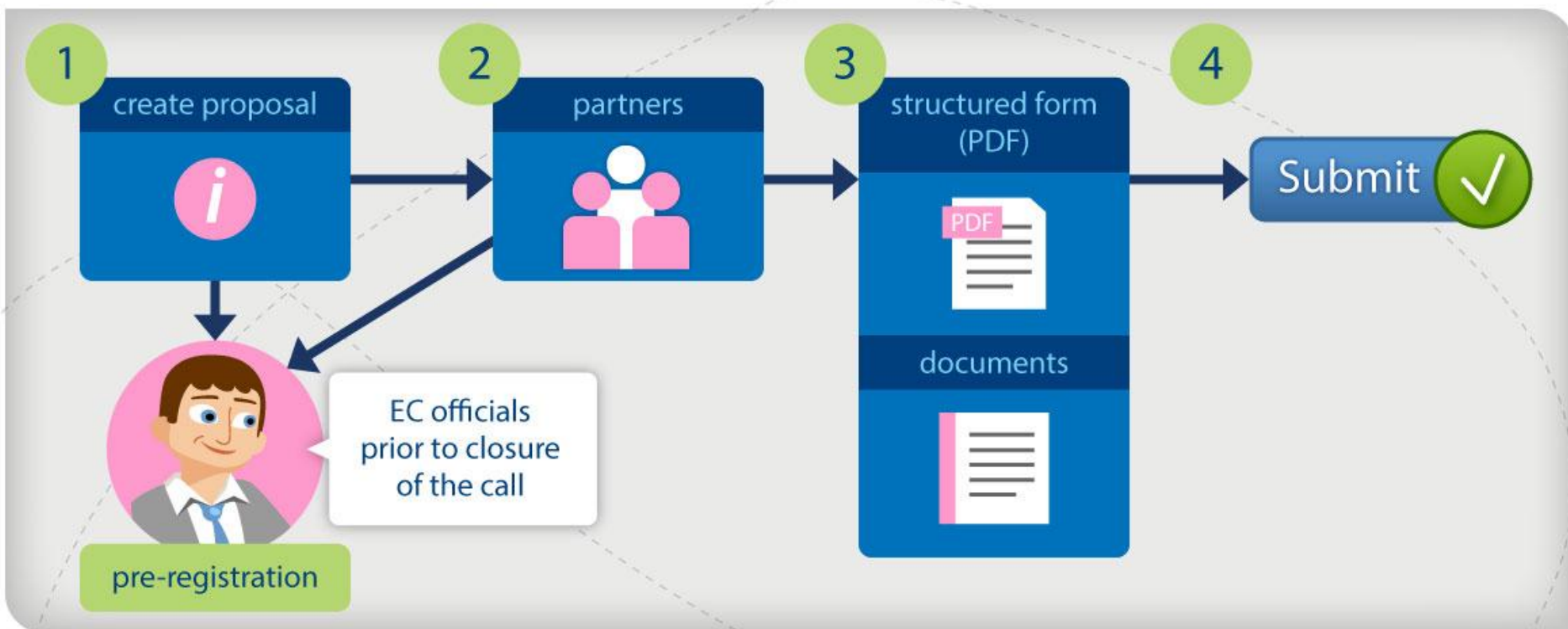
Eligibility for funding

- Entities established in MS or associated countries or third country identified in the WP
- Entities created under Union law
- International European interest organisation
- Other entities may receive funding if:
 - participation is essential or
 - such funding foreseen in bilateral arrangement between the Union and third country/international organisation

Simplified Funding Model

- **1 reimbursement rate** by action
(same rate for all beneficiaries and all activities):
 - ✓ Up to **100%** for **RIA (+CSA)**
 - ✓ Up to **70%** for **Innovation** (non-profit entities up to 100%)
- **1 method for calculation of indirect costs:**
 - ✓ Flat rate of 25% of total direct costs, excluding subcontracting, costs of third parties and financial support to third parties
 - ✓ If provided in WP, lump sum or unit costs
- Funding of the action not exceed **total eligible costs minus receipts**

The Proposal Submission Process



The Participant Portal

(A-Z) [Sitemap](#) [About this site](#) [Contact](#) [Legal Notice](#) [English](#) ▼



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT ▼

LOGIN REGISTER

Horizon 2020 Funding

Starting from 1/1/2014

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

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

Non-registered users

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

Registered users

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



WHAT'S NEW?



FUNDING OPPORTUNITIES



HOW TO PARTICIPATE



WORK AS AN EXPERT



MY PERSONAL AREA



INFORMATION AND SUPPORT

RESEARCH ON EUROPA CORDIS OLAF

European Commission

© European Communities

The Proposal Submission Process

Instrument* selection

Step 2
Funding Scheme

Funding schemes are the types of research projects of the European Commission for the 7th Research Framework Programme. See more on funding schemes.

Choose your funding scheme

SELECT	SELECT
Small or medium-scale based research project (FP7-SD (STREP)) CP-IP-IP7SD closing on: 2013-12-31	Large-scale integrating project CP-IP closing on: 2013-12-31

Configuration OK
You're using Firefox 17 on Windows. Adobe Reader (version 10.1.7.27) is installed.
For more information, please consult the User Guide.

next >

pre-registration

Step 3
Create a Draft Proposal

Please enter the following information to create a draft proposal. Please note that fields marked with a star (*) are mandatory.

Your Organisation

PICT: 95644445 Short name*: Baird Consulting SCS

95644445 Voile rue du Moulin-Rouge 20 Uccle, BE VAT

Organisations you have been previously associated with: Click to select

PICT	Organisation
PICT: 95644445	Baird Consulting SCS 20 Voile rue du Moulin-Rouge 20 Uccle, BE
PICT: 95698193	King's College London Francis and Taylor Building London, UK
PICT: 97482824	Hubert van Delft sprl 9 Avenue de la Savonnerie Brussels, BE

Your Proposal

Please choose an acronym for your proposal. It will appear also in the "General information" section of the submission form Part A and can also be updated here.

Acronym*: Dave Test Please restrict acronym to latin characters only

Short Summary (max. 2000 characters): This short summary is **95698193** into the form as the initial abstract
Character count: 70

Activity Topic (primary)*: Future Networks [CT-2013.1.1]
Activity Topic (secondary): Scalable data analytics [CT-2013.4.2]

next >

consortia set-up

Step 4
Manage Your Related Parties

Parties

In this step you as coordinator should manage and review the participants of your proposal. Only you as coordinator can edit the elements on this screen.

Note: Your changes will be applied only after you click the "Save changes" button.

Number of participants: 3 [Add Partner](#)

Consortium eligibility
Call requires at least 3 participant(s) from different EU member states or associated countries, currently you have 2

Partner	Contact
1 Coordinator Baird Consulting SCS Dave Baird	Contact
2 Partner JANITOM Tomasz Janisz Tomasz Janisz	Contact
3 Partner Hubert van DELFT sprl Hubert van DELFT sprl	Contact

Configuration OK
You're using Firefox 17 on Windows. Adobe Reader (version 10.1.7.27) is installed.
For more information, please consult the User Guide.

next >

Submission Summary

Step 6
Submit

Your proposal has been successfully submitted

Your proposal was submitted on: 18 October 2013 at 17:24:32 (Brussels Local Time) as part of the FP7-ICT-2013-11 call, before the deadline of 31 December 2013 at 17:00:00 (Brussels Local Time)

Your project ID is 605314. This number is important and will be used as future reference during the production process.

Revisit your Proposal

You may edit your proposal and re-submit at any time before the deadline of 31 December 2013 at 17:00:00 (Brussels Local Time) by clicking the "re-edit proposal" button.

You may download a timestamped and digitally signed PDF version of your submitted proposal.

You may withdraw the proposal at any time prior to call closure. In doing so it will not be passed to the evaluation stage.

Configuration OK
You're using Firefox 17 on Windows. Adobe Reader (version 10.1.7.27) is installed.
For more information, please consult the User Guide.

back

Administrative Forms

Forms

Please fill out the following form. You cannot save data typed into this form. Please print your completed form if you would like a copy for your records.

Proposal Submission Forms

A3.1.1 Budget #1

Baird Consulting SCS

In FP7, there are different methods for calculating indirect costs. The various options are explained in the guidance notes. Please be aware that not all options are available to all types of organisations.

My legal entity is established in an ECPC and I shall use the lump sum funding method (if yes, please fill the lump sum cost only, if no, please do not use the lump sum method)

Type of Activity	RTD	Coordination	Support	Management	Other	Total
	up to 70% (*)	up to 50%	up to 100%	up to 100%	up to 100%	
Personnel costs (in €)	1 000 €	1 000 €	1 100 €	2 000 €	24 454 €	79 274 €
Subcontracting (in €)	1 121 €	224 €	2 000 €	2 520 €	3 328 €	9 434 €
Other direct costs (in €)	12 245 €	44 555 €	1 000 €	122 454 €	1 000 €	180 304 €
Indirect costs (in €)	1 000 €	10 €	1 100 €	4 545 €	855 €	54 414 €
Lump sum, flat rate or scale of unit (option only for ECPC) (in €)						
Total budget (in €)	15 366 €	46 289 €	5 200 €	139 774 €	79 741 €	541 914 €
Requested EC contribution (in €)	7 500 €	22 500 €	2 000 €	69 250 €	19 000 €	200 000 €
Total Europe (in €)						302 704 €

Validate Form Save and close Page 13 of 18

Proposal

Step 5
Edit Proposal

Edit Proposal's Forms

In this step you can edit the administrative forms and upload the proposal itself.

WARNING: This proposal contains changes that have not yet been submitted...

Administrative Forms

Edit will open the forms in Adobe Reader.

Part B and Annexes

In this section you may upload the proposal text itself (in PDF format only) and any other requested attachments.

Configuration OK
You're using Firefox 17 on Windows. Adobe Reader (version 10.1.7.27) is installed.
For more information, please consult the User Guide.

back



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 for proposal details:

- Proposal ID:** 123456
- Acronym:** ACRO
- Topic:** ABCD
- 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.'

Below these fields is an 'Abstract' section 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 formulas 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).' A 'Remaining characters' indicator shows 2000 characters left.

At the bottom, there is 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'.

The footer of the page includes 'Multi-Newpdf', 'Page 2 of 11', and '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
Total		3 000 000	500 000	70 000	9 000	1 100	874 725	130	4 453 855		4 453 855	4 400 000

Section 4

- Questionnaire on ethical issues

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

Part B – 2 pdf files

Second file – Sections 4-5

No page limit

Section 4: Members of the consortium

Section 5: Ethics and Security

The Proposal Template

You must use the official template for the part B

Pay attention to:

- **Page limits:** defined in the template – excess pages will be watermarked by the system and disregarded by the evaluators
- **Description of Participants:** needed to assess their operational capacity - must be accurate and detailed according to the template
- **Ethics:** complete the self-assessment
- **Security:** no classified information in the proposal, address possible classification of foreground

Evaluation of proposals

STANDARD AWARD CRITERIA

EXCELLENCE

IMPACT

**QUALITY &
EFFICIENCY
OF THE ACTION**

✓ **Innovation actions** >> higher weight for "IMPACT"

Selection criteria

Operational capacity (no specific provisions)

Operational capacity means that the applicants must have the professional competencies and qualifications required to complete the proposed action or work programme: it may be assessed on the basis of specific qualifications, professional experience and references in the field concerned.

Financial capacity

Only coordinator of actions equal or superior 500 kEUR, except specific cases

No verification for public bodies , entities guaranteed by MS or AC and higher and secondary education establishments

Scoring/weights/thresholds

As in FP7:

- each criterion scored out of **5**
- individual threshold of **3**
- overall threshold of **10**

Unlike FP7, but **only for Innovation Actions and SME instrument**:

- impact criterion weighted by factor of 1.5
- impact considered first when ranking tied scores

More Information

Secure Society

http://ec.europa.eu/enterprise/policies/security/index_en.htm

The Participant Portal:

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

REA Security Research:

REA-SECURITY-RESEARCH@ec.europa.eu



HORIZON 2020

**Thank you for your attention
and
Good luck with your proposals!**