

APRE - Agency for the Promotion of European Research



Writing FET Proposals

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Future and Emerging Technologies: Calls FETPROACT and FETOPEN



Please follow the structure of this template when preparing your proposal. It has been designed to ensure that the important aspects of your planned work are presented in a way that will enable the experts to make an effective assessment against the evaluation criteria. Sections 1, 2 and 3 each correspond to an evaluation criterion.


Please be aware that proposals will be evaluated as they were submitted, rather than on their potential if certain changes were to be made. This means that only proposals that successfully address all the required aspects will have a chance of being funded. There will be no possibility for significant changes to content, budget and consortium composition during grant preparation.

Page limit:

The part B (cover page and sections 1, 2 and 3) is strictly limited to 16 A4 pages and shall consist of:

- A single A4 title page with acronym, title and abstract of the proposal.
- Maximum 15 A4 pages consisting of an S&T section (section 1), an Impact section (section 2) and an Implementation section (section 3).


All tables in these sections must be included within this limit. The minimum font size allowed is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).

 A proposal that does not comply with these page limits will be declared ineligible.

Important remarks:

- *This strict page limitation does not apply to the other additional sections that contain information related to the description of the participating organisations and to the ethics self-assessment.*
- *The list of the participants' main scientific publications relevant to the proposal is to be included in section 4. Any other list of scientific publications relevant to the proposal must be included in sections 1-3, that is within the strict page limit.*

Your proposal must address a work programme topic for this call for proposals.

 *This section of your proposal will be assessed only to the extent that it is relevant to that topic.*

1.1 Targeted breakthrough, Long term vision and Objectives

- Describe the targeted scientific breakthrough of the project.
- Describe how the targeted breakthrough of the project contributes to a long-term vision for new technologies.
- Describe the specific objectives for the project, which should be clear, measurable, realistic and achievable within the duration of the project.

1.2 Relation to the work programme

- Indicate the work programme topic to which your proposal relates, and explain how your proposal addresses the specific challenge and scope of that topic, as set out in the work programme.


http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-corrigendum-01_en.pdf

1.3 Novelty, level of ambition and foundational character

- Describe the advance your proposal would provide beyond the state-of-the-art, and to what extent the proposed work is ambitious, novel and of a foundational nature. Your answer could refer to the ground-breaking nature of the objectives, concepts involved, issues and problems to be addressed, and approaches and methods to be used.

1.4 Research methods

- Describe the overall research approach, the methodology and explain its relevance to the objectives.
- Where relevant, describe how sex and/or gender analysis is taken into account in the project's content.

 *Sex and gender refer to biological characteristics and social/cultural factors respectively. For guidance on methods of sex / gender analysis and the issues to be taken into account, please refer to http://ec.europa.eu/research/science-society/gendered-innovations/index_en.cfm*

1.5 Interdisciplinary nature

- Describe the research disciplines involved and the added value of the inter-disciplinarity.



2,5 Pages

**- Define key objectives
(1,2,3, 4 etc)
- List breakthrough and
policy areas**

>0,5 Pages

2,5 Pages


- In depth description

1 Page

0,5 <1 Page



2.1 Expected impacts 1 Page


 Please be specific, and provide only information that applies to the proposal and its objectives. Wherever possible, use quantified indicators and targets.


- Describe how your project will contribute to the expected impacts set out in the work programme under the relevant topic.
- Describe the importance of the technological outcome with regards to its transformational impact on science, technology and/or society
- Describe the empowerment of new and high-potential actors towards future technological leadership

2.2 Measures to maximise impact 1 Page

a) Dissemination and exploitation of results

- Provide a plan for disseminating and exploiting the project results. The plan, which should be proportionate to the scale of the project, should contain measures to be implemented both during and after the project.
- Explain how the proposed measures will help to achieve the expected impact of the project.
- Where relevant, include information on how the participants will manage the research data generated and/or collected during the project, in particular addressing the following issues:¹
 - What types of data will the project generate/collect?
 - What standards will be used?
 - How will this data be exploited and/or shared/made accessible for verification and re-use? If data cannot be made available, explain why.
 - How will this data be curated and preserved?

 You will need an appropriate consortium agreement to manage (amongst other things) the ownership and access to key knowledge (IPR, data etc.). Where relevant, these will allow you, collectively and individually, to pursue market opportunities arising from the project's results.

 The appropriate structure of the consortium to support exploitation is addressed in section 3.3.



- Outline the strategy for knowledge management and protection. Include measures to provide open access (free on-line access, such as the 'green' or 'gold' model) to peer-reviewed scientific publications which might result from the project².

⚠ Open access publishing (also called 'gold' open access) means that an article is immediately provided in open access mode by the scientific publisher. The associated costs are usually shifted away from readers, and instead (for example) to the university or research institute to which the researcher is affiliated, or to the funding agency supporting the research.

⚠ Self-archiving (also called 'green' open access) means that the published article or the final peer-reviewed manuscript is archived by the researcher - or a representative - in an online repository before, after or alongside its publication. Access to this article is often - but not necessarily - delayed ('embargo period'), as some scientific publishers may wish to recoup their investment by selling subscriptions and charging pay-per-download/view fees during an exclusivity period.

b) Communication activities

- Describe the proposed communication measures for promoting the project and its findings during the period of the grant. Measures should be proportionate to the scale of the project, with clear objectives. They should be tailored to the needs of various audiences, including groups beyond the project's own community. Where relevant, include measures for public/societal engagement on issues related to the project.

Section 3: Implementation

>0,5 <1 Page

3.1 Project work plan

Please provide the following:

- brief presentation of the overall structure of the work plan;
- timing of the different work packages and their components (Gantt chart or similar);
- detailed work description, i.e.:
 - a description of each work package (table 3.1a);
 - a list of work packages (table 3.1b);
 - a list of major deliverables (table 3.1c);
- graphical presentation of the components showing how they inter-relate (Pert chart or similar).



Figure 1. Gantt chart and Pert diagram of project activity

| ID | Title of Work Package / Task | Year 1 | | | | Year 2 | | | | Year 3 | | | |
|------|-----------------------------------|--------|----|----|----|--------|----|----|----|--------|----|----|----|
| | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| WP1 | Policy monitoring | | | | | | | | | | | | |
| T1.1 | Workshops | | | | | | | | | | | | |
| T1.2 | Money | | | | | | | | | | | | |
| T1.3 | | | | | | | | | | | | | |
| T1.4 | | | | | | | | | | | | | |
| WP2 | Policy Evaluation | | | | | | | | | | | | |
| T2.1 | | | | | | | | | | | | | |
| T2.2 | | | | | | | | | | | | | |
| T2.3 | | | | | | | | | | | | | |
| T2.4 | The international monetary system | | | | | | | | | | | | |
| WP3 | Economic Outlook | | | | | | | | | | | | |
| T3.1 | B | | | | | | | | | | | | |
| T3.2 | B | | | | | | | | | | | | |
| T3.3 | E | | | | | | | | | | | | |
| T3.4 | E | | | | | | | | | | | | |
| WP4 | Dissemination | | | | | | | | | | | | |
| T4.1 | Scientific dissemination | | | | | | | | | | | | |
| T4.2 | Societal communication | | | | | | | | | | | | |
| WP5 | Management | | | | | | | | | | | | |
| T5.1 | Administrative management | | | | | | | | | | | | |
| T5.2 | Scientific management | | | | | | | | | | | | |

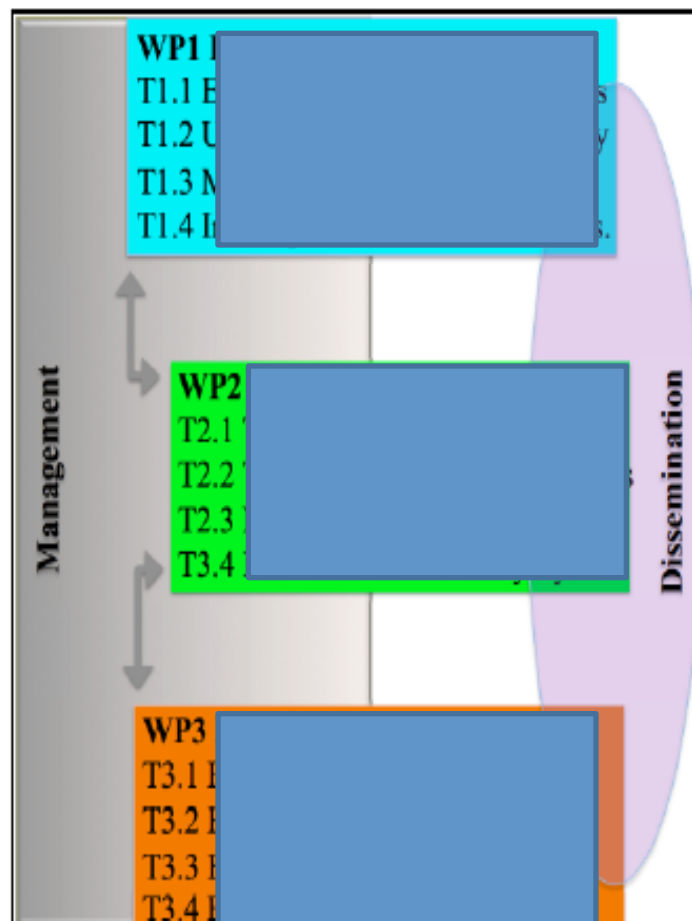


Table 3.1a: Work package description

For each work package:

| | | | | | | | |
|--------------------------------|--|------------------------------|--|--|--|--|--|
| Work package number | | Start Date or Starting Event | | | | | |
| Work package title | | | | | | | |
| Participant number | | | | | | | |
| Short name of participant | | | | | | | |
| Person/months per participant: | | | | | | | |

| |
|------------|
| Objectives |
|------------|

| |
|--|
| Description of work (where appropriate, broken down into tasks), lead partner and role of participants |
|--|

| |
|---|
| Deliverables (brief description and month of delivery) <p style="text-align: center;">>3 <6 Deliverables per WP</p> |
|---|



3 - Budget for the proposal

| Participant | Country | (A) Direct personnel costs/€ <i>Travel Services Equipment</i> | (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 / € |
|-------------|---------|---|--------------------------------|--|---|---|---|---|---|------------------------------------|---------------------------------|-------------------------------|
| | CH | 440 000 | 40 000 | 0 | 0 | 0 | 120 000 | 0 | 600 000 | 100 | 600 000 | 0 |
| | IT | 245 000 | 30 000 | 0 | 0 | 0 | 70 000 | 0 | 350 000 | 100 | 350 000 | 350 000 |
| | DE | 296 000 | 40 000 | 30 000 | 0 | 0 | 84 000 | 0 | 450 000 | 100 | 450 000 | 450 000 |
| | FR | 175 000 | 25 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | SI | 160 000 | 40 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | UK | 140 000 | 20 000 | 50 000 | 0 | 0 | 40 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | IT | 245 000 | 35 000 | 0 | 0 | 0 | 70 000 | 0 | 350 000 | 100 | 350 000 | 350 000 |
| | FR | 175 000 | 25 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | DE | 175 000 | 25 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | UK | 175 000 | 25 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | ES | 140 000 | 60 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |
| | UK | 175 000 | 25 000 | 0 | 0 | 0 | 50 000 | 0 | 250 000 | 100 | 250 000 | 250 000 |

12-14 partner

ML Euro 3.650.000

>600 P/M

Evaluators judged the consortium as quite big..



What evaluators say of funded propossal....





What evaluators say of funded proposals....

Excellence

The overall vision of the project is clear and ambitious.

The proposed objectives contribute fresh and unexplored research avenues to the objectives of the Call, while the expected outcomes are clearly of wide and long term applicability.

The proposal is very well motivated and the overall analysis of the problem space is clear and convincing

This proposal addresses several issues of prime importance for the future of our society

The targeted breakthrough involves several directions These targets are clear, but they involve a huge (and expensive) collaborative effort.



What evaluators say of funded proposals....

Excellence

while these approaches will be applied for the first time to the problem at hand, novelty in science or technology in the sense of creating new methodologies or extending new ones is not argued convincingly enough in the proposal

The project encompasses a good range of interdisciplinary input in order to achieve the objectives. Unfortunately the different disciplines remain disconnected within the separate parts of the set of parallel sub-projects that make up the planned work

The proposal combines to an extraordinary extent a wide range of scientific profile. A very large set of disciplines is involved ranging from methods based on Complex systems....



What evaluators say of funded proposals....

Impact

The contributions to the expected impacts listed in the call are explicitly and convincingly argued in the proposal.

The project has a potential to make a transformational impact on science by reassessing the existing views of the functioning of financial market

It can also have a transformational impact on society by suggesting the new forms of financial intermediation.



What evaluators say of funded proposals....

Impact

The transformational impact on science, technology and society is somewhat overstated in the proposal

However if the use of the proposed analytical methods is successful, it is likely to influence further use of analytical and systems approaches to deal with societal and policy problems

The document does not insist much on these aspects.

*On the other hand the choice of **Open Access** model for publications, tools and data, and the envisioned uptake of tools and methods in EC policies goes along the direction of empowerment of new actors, including citizens.*



What evaluators say of funded proposals....

Implementation

The work to be undertaken is broken down into five logical work packages and their interdependences are well defined

The work plan is presented at an adequate level of detail and articulates scientific and methodological tasks adequately, with reasonable

milestones and deliverables. It comprises 8 WPs, one for management, another for dissemination, one preparing experimentation, two for modeling purposes, two for technical development, one for integration. A brief risk analysis is presented. No plans are presented for a more detailed analysis during the project.

Management is dealt with adequately in the remaining aspects.



What evaluators say of non funded proposals....





What evaluators say of non funded proposals....

Excellence

The general goal is interesting and would merit further research, however in its current state it sounds highly speculative on several grounds, and the prospect of obtaining significant scientific and technological contributions given the current state of knowledge is limited

Uncertainty about whether the project would be able to reach its main goals, given the lack of strong previous basic knowledge, limits the potential scope of its foundational character.

I find the cross-talk between psychology, computer sciences, and neuroscience pretty standard nowadays, so I cannot see any significant

improvements or added value in this project



What evaluators say of non funded proposals....

Impact

Exploitation plans are not very detailed

the extent to which the project in its current state could be able to achieve these ends, given the lack of clear theories of creativity and the lack of previous results suggesting ...

The dissemination plans are adequate but Identification of targets is left to make during the project, which is a worrying factor..

no data management plan is provided and the issue is not addressed by WP8 (management).



What evaluators say of non funded proposals....

Implementation

The workplan is good but not as detailed as one might had wished for such a large project.

The deliverables consist only in reports. There is no contingency plan. Success criteria are not very explicit.