



# FET-Proactive

## Emerging Paradigms and Communities

### Webinaire « Checklist »

PCN FET





# Le PCN FET

Nom	Organisation
Catherine GILLES-PASCAUD	CEA
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Mariama COTTRANT	Université d'Avignon - CPU
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[Newsletter FET](#)

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# Programme du Webinaire

- **Rappel Esprit FET PROACTIVE**  
→ *Check the positioning of your project*
- **L'évaluation : critères et procédure**
- **Conseils de préparation**  
→ *Evaluate your project*
- **La candidature : points d'attention**
  - Le portail du participant
  - Part A : Administrative Forms
  - Part B : excellence, impact, implementation  
→ *Check the form and content of your project*
- **Checklist finale avant soumission du projet**  
→ *Submit your project*



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# FET dans Horizon 2020



**« Un terrain fertile pour des collaborations multidisciplinaires »**

Dynamiser l'écosystème européen de R&I : des graines pour le futur



## Pilier 1

### EXCELLENCE SCIENTIFIQUE

- **ERC** : Conseil européen de la recherche
- **MSCA** : Actions Marie Skłodowska-Curie
- **FET** : technologies futures et émergentes
- **Infra** : infrastructures de recherche

## Pilier 2

### PRIMAUTE INDUSTRIELLE

- **TIC** : Technologies de l'information et de la communication
- **KET** : Technologies clés génériques
  - Microélectronique
  - Photonique
  - Nano-bio-technologies
  - Matériaux avancés
  - Systèmes de production
- **ESPACE**
- Innovation dans les PME
- Accès au financement à risque

## Pilier 3

### DEFIS SOCIETAUX

- Santé
- Bio économie
- Energie
- Transport
- Climat
- Sociétés inclusives
- Sécurité

- Transformer l'excellence scientifique de l'Europe en **avantage compétitif**
- Rendre l'Europe **attractive** pour la recherche collaborative et interdisciplinaire



# FET dans Horizon Europe



## Specific objectives of the Programme

Support the creation and diffusion  
of high-quality knowledge

Strengthen the impact of R&I  
in supporting EU policies

Foster all forms of innovation and  
strengthen market deployment

**Optimise the Programme's delivery for impact in a strengthened ERA**



**Strengthening the European Research Area**

2.1B€

Sharing excellence

Reforming and Enhancing the European R&I system

# Les instruments FET dans Horizon Europe

→ EIC

Exploration de nouvelles idées

**FET Open**

Un programme ouvert : projets collaboratifs blancs (sans contrainte thématique)

Projets : 3 M€

Dév. thèmes & commun.

**FET Proactive**

Un programme thématique : développement de communautés dans un domaine ciblé

Projets : 4-7 M€

→ Missions / Clusters ?

Grands défis S&T

**FET Flagships**

Un programme stratégique :  
Human Brain Project  
Graphene  
Quantum technologies  
Batteries 2030 etc.  
Projets : 500 M€

# FET PROACTIVE in Enhanced EIC pilot



Pathfinder = FET Open + FET Proactive

## Cible EIC Pilot Pathfinder :

- projets de pointe à haut risque
- explorant de nouveaux territoires
- dans le but de développer des technologies radicales et innovantes

- FET-Open = collaboration interdisciplinaire basée sur l'excellence scientifique visant à explorer des technologies radicalement nouvelles
- **FET-Proactive** vise à identifier et établir les paradigmes technologiques futurs et émergents présentant le potentiel le plus élevé pour l'économie et la société européennes.



# What is PROACTIVE

## Deep-tech paradigm

**Soutien aux recherches interdisciplinaires** de rupture pour le développement de nouvelles technologies à partir de résultats scientifiques transversaux

## Interdisciplinary communities

**Etablissement de communautés interdisciplinaires** larges de taille suffisante pour permettre l'avancement des sujets de recherche et leur traduction technologique

## Innovation ecosystem

**Mobilisation au-delà des communautés de recherche**, autour d'un nouveau paradigme pour que l'Europe capitalise rapidement et efficacement

***A pathfinder proactive project is not application driven***



# EIC PATHFINDER PILOT - PROACTIVE

## SYNTHESE DES APPELS 2019-2020

Sous-programme	Appel	Identifiant	Type	Deadline repoussée	Deadline	Budget par projet	Budget total
FET Proactive	Emerging paradigms and communities	<a href="#">FETPROACT-EIC-5-2019</a>	RIA - Thématische	13/11/2019	13/11/2019	4 M€	87,4 M€
FET Proactive	EIC Transition to Innovation Activities	<a href="#">FETPROACT-EIC-6-2019</a>	RIA- Thématische	13/11/2019	13/11/2019	1-2 M€	26 M€
FET Proactive	Emerging paradigms and communities	FETPROACT-EIC-7-2020	RIA- Thématische	22/04/2020	22/04/2020	4-5 M€	50 M€
FET Proactive	Environmental intelligence	FETPROACT-EIC-8-2020	RIA- Thématische	22/04/2020	22/04/2020	4 M€	18 M€
FET Proactive	Neuromorphic Computing Technologies	FETPROACT-9-2020	RIA- Thématische	22/04/2020	22/04/2020	4-5 M€	15 M€



# FETPROACT-EIC-5-2019

## ★ ★ « Emerging paradigms and communities »

- RIA**, min 3 partners de 3 MS /AC
- Jusqu'à **4 M€ et jusqu'à 4 ans** (avec exceptions)
- Budget programme : **87,4 M€** (dont **35 à 52 M€ alloués à la thématique c**)
- Thématiques :**
  - a. Human-Centric AI
  - b. Implantable autonomous devices and materials
  - c. Breakthrough zero-emissions energy generation for full decarbonization
- Sec 1-3 part B : **max 30 pages**

**Deadline  
13/11/2019**

**Excellence (4/5 – 60 %)**

**Impact (3,5/5 – 20 %)**

**Implementation (3/5 – 20%)**



# FETPROACT-EIC-5-2019

## Impacts attendus

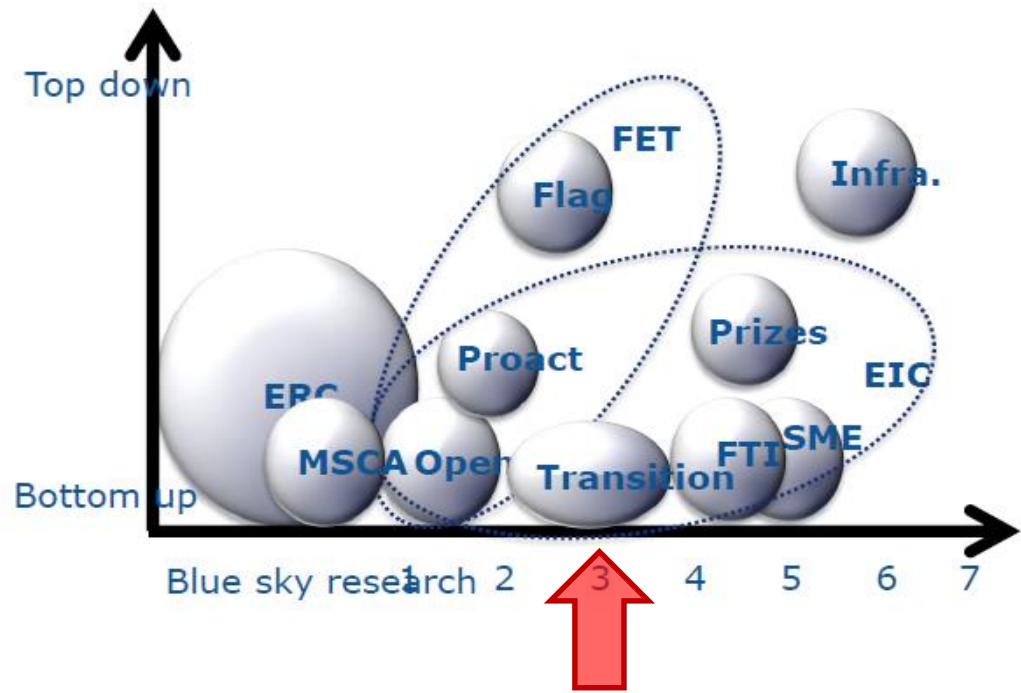
- Scientific and technological contributions to the **foundation and consolidation of a radically new future technology**
- Potential for future returns** in terms of societal or economic innovation or market creation
- Spreading excellence and building leading innovation capacity** across Europe
- Build-up of a **goal oriented interdisciplinary community** (within and beyond the consortium)
- Emergence of an innovation ecosystem** around a future technology in the theme addressed
  - high potential actors in research and innovation
  - wider stakeholder/public engagement
  - consideration of education, gender differences and long-term societal, ethical and legal implications



# FETPROACT-EIC-6-2019

## « EIC Transition to Innovation Activities »

- Gap** entre projets FET et autres financements
- Augmenter les possibilités de **transformer une recherche « FET » prometteuse en innovation disruptive**
- Augmenter TRL** des résultats (terrain pour la maturation)



**Les propositions doivent s'appuyer sur les résultats d'un projet financé par un programme FET (en cours ou terminé), clairement identifiées dans la proposition.**

Attention aux **droits d'exploitation des résultats** : accord nécessaire dès la proposition si le porteur n'est pas propriétaire des résultats !



# FETPROACT-EIC-6-2019

## Portée et impact attendu

- Consortia ambitieux et agiles** ayant les capacités d'augmenter la maturité de la technologie (TRL).
- Business driven leadership** : activités avec les partenaires TT, les investisseurs, les utilisateurs... sont attendues
- Résultats attendus bien définis (KPI). Plan d'exploitation solide** avec potentiel de marché. **Pas de doublons d'activités** des projets FET originaux
- Impacts attendus :**
  - Augmentation de la valeur des projets FET
  - Développement rapide et adoption de technologies FET prometteuses
  - Augmentation de la participation à H2020 des PME high-tech
  - Effet levier pour investissements privés dans la R&I



# FETPROACT-EIC-6-2019

## « EIC Transition to Innovation Activities »

- RIA**, min 3 partners de 3 MS /AC
- Entre 1 et 2 M€ et jusqu'à 2 ans** (avec exceptions)
- Budget programme : **26 M€** (dont **10 à 13 M€** alloués à la thématique d.)
- Thématiques :**
  - a. Micro- and Nano-technologies
  - b. Artificial Intelligence and advanced robotics
  - c. Technologies for the life sciences, health and treatment
  - d. Low-carbon energy and climate change technologies
  - e. Interaction technologies (including virtual-, augmented- and mixed reality, ...)
- Sec 1-3 part B : **max 70 pages**

Deadline  
13/11/2019

**Excellence (4/5 – 40 %)**

**Impact (4/5 – 40 %)**

**Implementation (3/5 – 20%)**



# Programme du webinaire

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# Critères d'Evaluation

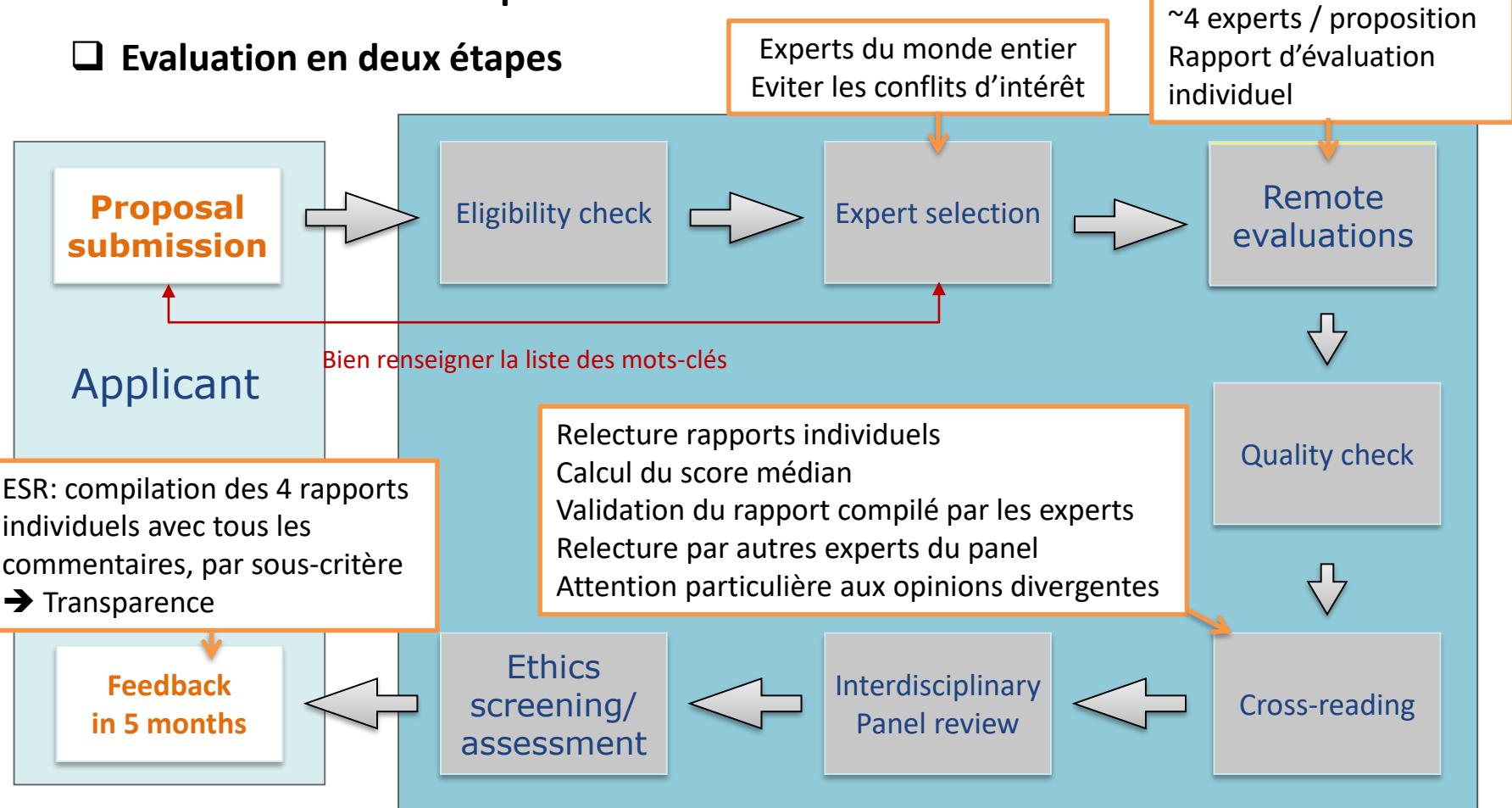
Excellence	Impact	Implementation
<ul style="list-style-type: none"><li><input type="checkbox"/> Clarity of <b>long-term vision</b> of a science-enabled technology.</li><li><input type="checkbox"/> Concreteness and ambition of the proposed science-to-technology <b>breakthrough</b> that addresses this vision.</li><li><input type="checkbox"/> Range and added value from <b>interdisciplinarity, novelty and non-incrementality</b> of the research proposed.</li><li><input type="checkbox"/> <b>High-risk</b> of the research proposed and <b>plausibility</b> and flexibility of the approach.</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> The extent to which the outputs of the project would contribute to the <b>expected impacts</b> mentioned in the work programme under the relevant FET topic.</li><li><input type="checkbox"/> Effectiveness of measures and plans to <b>disseminate and use the results</b> (including management of IPR) and to <b>communicate</b> the project to different target audiences.</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> <b>Coherence and effectiveness of the work plan</b> to achieve project objectives and impacts, including adequate allocation of resources to tasks and partners.</li><li><input type="checkbox"/> Appropriateness of the research and innovation <b>management structures and procedures</b>.</li><li><input type="checkbox"/> <b>Role and complementarity of the participants</b> and extent to which the consortium as a whole brings together the necessary expertise.</li></ul>
Threshold: <b>4/5</b> Weight: <b>60% (40%)</b>	Threshold: <b>3,5/5 (4/5)</b> Weight: <b>20% (40%)</b>	Threshold: <b>3/5</b> Weight: <b>20%</b>



# Procédure d'Evaluation

Soumission en une étape

Evaluation en deux étapes





# Conseils de Préparation (1/2)

**Don't waste time on a proposal that has no chance to make it through the FET-Proactive evaluation**

- FET is not ERC: Collaboration, science and technology are all essential ingredients
- It is not because something has not been done before that it is sufficiently novel for FET
- FET is not the long-term end of an established industry's road-map
- A long-term vision is essential, but also a plausible idea on how to get there
- Writing a good proposal is probably as hard as writing a good scientific publication (and more intellectually rewarding)

**Be ambitious, follow your 'dream'**

- Novelty is essential
- Incremental refinements rarely make it – high-risk does
- Boil down the vision to a concrete and ambitious proof-of-concept

**Collaborate, collaborate, collaborate...**

- Take interdisciplinarity seriously – write your proposal together
- Collaboration throughout the project, driven by joint questions, goals and mutual learning, not just passing on results between silos



# Conseils de Préparation (2/2)

## Consortium for pathfinding

- There are no hidden expectations from EC side (beyond the rules for participation), i.e. no cosmetic roles – keep it simple
- Look for renewal here too – novelty probably starts here
- Narrow interdisciplinarity will not be good enough to win (look beyond your comfort zone – this is not ERC-like career building)
- Commitment: Will the project transform the partner(ship)? (mission vs. role)

## Communicate and engage

- Scientific publications
- Social networks & media
- Public engagement

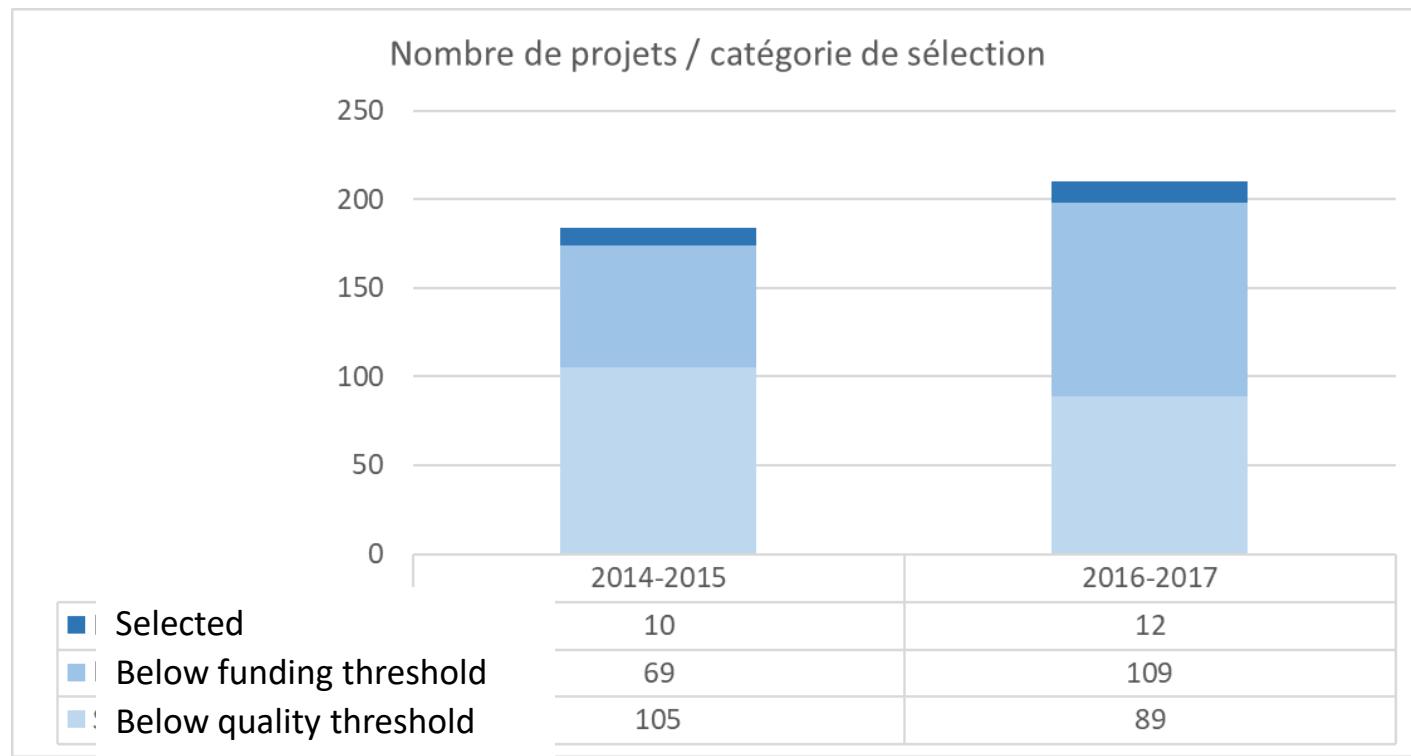
## Keep it simple

- Focus on the high-risk parts with crisp targets
- Don't write for the Commission, but for people like you
- Check your deliverables list



# Statistiques 2014-2017

- ≈ 7 équipes / projet
- 3-4 M€ / projet
- Taux de succès de 3 à 18 % selon la thématique
- FR 2<sup>ème</sup> bénéficiaire (après DE) avec 15 projets dont 2 coordinations pour 16,75 M€



	2014-2015	2016-2017
Budget de l'appel	35 M€	80 M€
Propositions	184	210
Sélection	10	12
Taux de succès	5,4 %	5,7 %



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# La candidature: le portail du participant



## Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)

- Manage my area
- My Organisation(s)
- GRANTS
- My Formal Notification(s)

SEARCH FUNDING & TENDERS ▾ HOW TO PARTICIPATE ▾ PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT ▾

Mar 19, 2019

### FET Proactive: emerging paradigms and communities

ID: FETPROACT-EIC-05-2019

Type of action:

- RIA Research and Innovation action

Deadline Model : single-stage      Opening: **19 March 2019**

Deadline: **13 November 2019 17:00:00**  
**Brussels time**

[LIEN](#) vers  
participant portal  
(désormais  
Funding and  
Tenders Portal)

Contactez votre  
service  
d'accompagnement  
au montage de  
projets au plus tôt

Webinaire Checklist FET Proactive – 26/09/2019





#### Filter by submission status

<input checked="" type="checkbox"/> FORTHCOMING	<input checked="" type="checkbox"/> OPEN	<input checked="" type="checkbox"/> CLOSED
---	--	--

#### Filter by programme (only for grants)

H2020 X

#### Filter by programme part

Select a Programme part... ▼

#### Filter by focus area

Select a Focus area... ▼

#### Filter by cross-cutting priority

Select a Priority... ▼

#### Filter by call

H2020-FETPROACT-2019-2020 ▼

See all calls for tenders published by EC



#### FET Proactive: emerging paradigms and communities FETPROACT-EIC-05-2019

**Types of action:** Research and Innovation action | **Programme:** Horizon 2020

Open for submission

Opening date: 19 March 2019

Deadline model: single-stage  
Deadline date: 13 November 2019 17:00:00 Brussels time



#### EIC Transition to Innovation Activities FETPROACT-EIC-06-2019

**Types of action:** Research and Innovation action | **Programme:** Horizon 2020

Open for submission

Opening date: 19 March 2019

Deadline model: single-stage  
Deadline date: 13 November 2019 17:00:00 Brussels time



## 1. Repérer l'appel à projet

- Appels répartis en différents sujets (**Topic**), pouvant être *open*, *closed* ou *forthcoming*
- Les **types d'actions** sont indiqués pour faciliter l'identification du sujet (RIA, CSA...)
- **Modèle de date limite** (Single Stage ou Multiple cut-off)
- Les **dates d'ouverture et d'échéance** sont indiquées



## 2. Analyser l'appel à projet

- **Topic description:** appel à projet, impact attendu
- **Topic conditions and documents:** critères d'éligibilité et d'évaluation, formulaires, informations

Topic Description

- Recherche de partenaires



Specific Challenge:

- **Commencer la soumission... le plus tôt possible !**

### Select your type of action to start submission

To access the Electronic Submission Service of the topic, please select the **type of action** that is most relevant to your proposal from the list below and click on the '**Start Submission**' button. You will then be asked to confirm your choice of the type of action and topic, as these cannot be changed in the submission system. Upon confirmation you will be linked to the correct entry point.

To access existing draft proposals for this topic, please login to the Participant Portal and select the My Proposals page of the My Area section.

**Type of Action:** Research and Innovation action [ RIA ]

**Start SUBMISSION**

### Get support



Online manual  
"Submit a proposal"



IT HOW TO  
"Submission of Proposals"

A number of non-EU/non-associated countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. See the information in the Online Manual.

**Step 3**

Create a Draft Proposal

H2020-FETOPEN-2018-2020

User Name	Chiara Molinelli
Topic	FETOPEN-01-2018-2019-2020
Type of Action	RIA
Deadline (Brussels Local Time)	May 2018 17:00:00
Days left until closure	20

Check Config !

Download Part B Templates

Visit our 'How to' user guide !

Visit our 'H2020 Online Manual' !

**Create a Draft Proposal**

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

**It is highly recommended to submit your proposal as early as possible and at least 48 hours prior to the deadline of this call. This will avoid being confronted with incompatible local IT configuration settings shortly before the call deadline, when insufficient time would be left to handle it. There is no reason in delaying the submission for confidentiality concerns as the system does not allow any access to the proposals before call deadline or cut-off (other than to selected data that is part of the Submission and Evaluation of Proposals Assent Disclaimer).**

You can submit the proposal as many times as you wish up to the deadline. Every submitted version will replace the previously submitted one.

**Your organisation**

PIC\* ?  Short name\* ?

Organisations you have been previously associated with. Click to select.

PIC: 910138018  
UNIVERSITE DE LILLE  
42 RUE PAUL DUEZ  
LILLE, FR

Search for your organisation PIC search

**Your Role**

Please indicate your role in this proposal

Main contact ?  Contact person

**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 there.

Acronym\*  Please restrict acronym to latin characters only

Short Summary (max. 2000 characters)\*   
Character count:

next >>

cancel

Version: 20160315\_1144 - Service Desk: DIGIT-EFP7-SEP-SUPPORT@ec.europa.eu (+32 2 29 92222)

### 3. Crée un projet

- Renseignez le **PIC** de votre institution
- Chaque institution doit avoir un contact principal (**main contact**).
- D'autre **contact persons** peuvent être ajoutées et pourront accéder ou visualiser la proposition
- **Acronyme et abstract demandé**

**Tout pourra ensuite être modifié !**

– 26/09/2019





LOGIN

FUNDING SCHEME

CREATE DRAFT

PARTIES

EDIT PROPOSAL

SUBMIT

## Step 4

Manage Your Related  
Parties

H2020-EIC-  
FETPROACT-2019

USER NAME	Geraldine CAILLERI
TOPIC	FETPROACT-EIC-05-2019
TYPE OF ACTION	RIA
ACRONYM	TEST FET-Proact-05
DRAFT ID	SEP-210630607
WED DEADLINE (Brussels Local Time)	13 November 2019 17:00:00
50 days left until closure	

- Check Config
- Visit our 'How to' user guide
- Visit our 'H2020 Online Manual'

### Parties

As a partner you can manage your own contacts.

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 1.

1 Coordinator

UNIVERSITE DE LILLE

UNIVERSITE DE LILLE  
42 RUE PAUL DUEZ, 59800 LILLE, FR  
PIC: 910186018

Contact

Chiara Molinelli - Main contact



2 Partner

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

INSTITUT NATIONAL DE LA RECHERCHE MEDICALE  
RUE DE TOLBIAC 101, 75633 PARIS CEDEX 13  
PIC: 999997833

Contact

Geraldine Camilleri - Main contact



3 Partner

ANR

#### Add contact

#### INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

Please enter the contact name and details:

Project Role

Contact person

Access rights

Participant contact (full access)

First Name \*

Last Name \*

Email Address \*

\* required field

OK

Cancel

## 4. Consortium

- Ajouter les partenaires du consortium en utilisant leur PIC
- Définir le contact principal (PI) de chaque partenaire et les droits d'accès
- Ajoutez des contacts supplémentaires si demandé par votre institution
- Tous les contacts reçoivent un e-mail de notification



# La candidature: Part A

**Step 5**

Edit Proposal

**H2020-EIC-FETPROACT-2019**

	USER NAME Geraldine CAMILLERI
	TOPIC FETPROACT-EIC-05-2019
	TYPE OF ACTION RIA
	ACRONYM TEST FET-Proact-05
	DRAFT ID   SEP-210630607
	DEADLINE (Brussels Local Time) <b>13</b> November 2019 17:00:00 50 days left until closure

**Check Config**

[Visit our 'How to' user guide](#)

[Visit our 'H2020 Online Manual'](#)

**Edit Proposals' Forms**

In this step you can edit the administrative forms and download any attachments that have been uploaded by the proposal coordinator.

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

**Administrative Forms**

Edit will open the forms.

edit forms
view history
print preview

**Part B and Annexes**

In this section you may download onto your computer the attachments that have been uploaded by the proposal coordinator.

**Technical Annex**  
**Section 1-3**

**Technical Annex**  
**Section 4-5**

**Optional annex 3:**  
**Ethics Supporting Document(s)**

- Heure et date limite :** commencez la soumission dès que possible !
- Editer en ligne le formulaire**

**Step 5**

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[1 - General Information](#)

**Proposal Submission Forms**

Please check our [wiki](#) for help on navigating the form.

**Horizon 2020**

**Call: H2020-EIC-FETPROACT-2019**  
(EIC Pathfinder: FET Proactive - Boosting emerging technologies )

**Topic: FETPROACT-EIC-05-2019**

**Type of action: RIA**  
(Research and Innovation action)

**Proposal number: SEP-210630607**

**Proposal acronym: TEST FET-Proact-05**

**Deadline Id: H2020-EIC-FETPROACT-2019**

**Table of contents**

Section	Title	Action
1	General information	<a href="#">Show</a>
2	Participants & contacts	<a href="#">Show</a>
3	Budget	<a href="#">Show</a>
4	Ethics	<a href="#">Show</a>
5	Call-specific questions	<a href="#">Show</a>

**How to fill in the forms**

The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the steps in the submission wizard.

[Read more](#)

**HORIZON 2020**  
LE PROGRAMME DE RECHERCHE ET D'INNOVATION DE L'UNION EUROPÉENNE

Webinaire Checklist FET Proactive – 26/03/2019



# La candidature: Part A

Table of contents

1 - General Information

2 - Participants & contacts

## Proposal Submission Forms

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Validate Form

Save

Save&Close

Proposal ID SEP-210630607

Acronym TEST FET-Proact-05

### 1 - General information

Topic FETPROACT-EIC-05-2019

Type of Action RIA

?

Call Identifier H2020-EIC-FETPROACT-2019

Deadline Id H2020-EIC-FETPROACT-2019

Acronym TEST FET-Proact-05

Subtopic Sub-topic A: Human-Centric Artificial Intelligence (AI)

Proposal title

Max 200 characters (with spaces). Must be understandable for non-specialists in your field.

Note 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.

Fixed keyword 1

Word or words that best describe(s) the subject of your project.

Add

Free keywords

Enter any words you think give extra detail of the scope of your proposal (max 200 characters with spaces).

### 1. General information

**Titre compréhensible pour non-spécialistes**

**Fixed keywords : 6 max**

**Free keywords : autant que nécessaire**

*Prenez le temps de bien choisir les free keywords, ils facilitent la sélection des reviewers !*



# Exemple choix des « fixed keywords »

< Table of contents

1 - General Information

2 - Participants & contacts >

Proposal title

*Max 200 characters (with spaces). Must be understandable for non-specialists in your field.*

*Note 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.*

Fixed keyword 1

Arts (arts, history of arts, performing arts, music)

Add

Fixed keyword 2

Educational sciences

Add

Remove

Fixed keyword 3

Basic medicine

Add

Remove

Free keywords

*Max 200 characters with spaces).*

?

Abstract

TEST FET-Proact-05

- Medical engineering
- Chemical sciences
- Medical biotechnology
- Computer and information sciences
- Arts (arts, history of arts, performing arts, music)
- Other medical sciences
- Artificial intelligence, intelligent systems, multi agent systems
- Educational sciences
- Mathematics
- Health sciences
- Electrical engineering, Electronic engineering, Information engineering
- Basic medicine**
- Chemical engineering
- Physical sciences





# Le résumé / Abstract

< Table of contents      1 - General Information      2 - Participants & contacts >

Fixed keyword 1 Add

Free keywords ?

Abstract  
TEST FET-Proact-05

Remaining characters 1982

Max 2000 caractères

Très bien écrit, clair,  
dynamique

Première impression pour  
les reviewers

Faites rêver !

[Lien vers abstract des projets financés](#)



# Déclarations

< Table of contents 1 - General Information 2 - Participants & contacts >

## Declarations

?)

1) The coordinator declares to have the explicit consent of all applicants on their participation and on the content of this proposal.	<input type="checkbox"/>
2) The information contained in this proposal is correct and complete.	<input type="checkbox"/>
3) This proposal complies with ethical principles (including the highest standards of research integrity as set out, for instance, in the <a href="#">European Code of Conduct for Research Integrity</a> and including, in particular, avoiding fabrication, falsification, plagiarism or other research misconduct).	<input type="checkbox"/>
4) The coordinator confirms:	
- to have carried out the self-check of the financial capacity of the organisation on <a href="http://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html">http://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html</a> or to be covered by a financial viability check in an EU project for the last closed financial year. Where the result was weak or insufficient, the coordinator confirms being aware of the measures that may be imposed in accordance with the H2020 Grants Manual (Chapter on Financial capacity check); or	<input type="checkbox"/>
- is exempt from the financial capacity check being a public body including international organisations, higher or secondary education establishment or a legal entity, whose viability is guaranteed by a Member State or associated country, as defined in the H2020 Grants Manual (Chapter on Financial capacity check); or	<input type="checkbox"/>
- as sole participant in the proposal is exempt from the financial capacity check.	<input type="checkbox"/>
5) 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	<input type="checkbox"/>
- they have the financial and operational capacity to carry out the proposed action.	<input type="checkbox"/>
The coordinator is only responsible for the correctness of the information relating to his/her own organisation. Each applicant remains responsible for the correctness of the information related to him and declared above. Where the proposal to be retained for EU funding, the coordinator and each beneficiary applicant will be required to present a formal declaration in this respect.	
Has this proposal (or a very similar one) been submitted in the past 2 years in response to a call for proposals under Horizon 2020 or any other EU programme(s)?	
<input type="radio"/> Yes <input checked="" type="radio"/> No ?	

## 1. General information

Déclaration du coordinateur : consentement des partenaires

Conformité au code de conduite européen pour l'intégrité de la recherche

Déclaration de la capacité financière (distinction organismes publics et privés)



# ★Administrative data of participating organisations



Proposal Submission Forms

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Save&Close

Proposal ID SEP-210630607

Acronym

TEST FET-Proact-05

Short name UNIVERSITE DE LILLE

## 2 - Administrative data of participating organisations

PIC

910186018

Legal name

UNIVERSITE DE LILLE

Short name: UNIVERSITE DE LILLE

Address of the organisation

Street

Department(s) carrying out the proposed work

Town

Department 1

Postcode

Department name

Name of the department/institute carrying out the work.

not applicable

Country

Same as proposing organisation's address

Webpage

Street

Please enter street name and number.

Legal Status of your organisation

Research and Innovation

Public body .....

Non-profit .....

International organisation

Secondary or Higher Education

Research organisation

Enterprise Data

SME self-declared status

SME self-assessment

SME validation sme...

Based on the above definition

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title

Sex

Male

Female

First name Chiara

Last name Molinelli

E-Mail chiara.molinelli@univ-lille.fr

Position in org. Please indicate the position of the Contact Point above in the organisation.

Department

Name of the department/institute carrying out the work.

Same as organisation name

Same as proposing organisation's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Post code

Area code.

Country

Please select a country

Website

Phone

+XXX XXXXXXXXX

Phone 2

+XXX XXXXXXXXX

Fax

+XXX XXXXXXXXX

En 3 pages

1- Pour chaque bénéficiaire certaines données liée au PIC number apparaissent automatiquement

2- Sur une seconde page...Remplir nom et adresse du **laboratoire** du PI de l'institution

Plusieurs laboratoires/services peuvent être ajoutés pour un même organisme

Les partenaires peuvent remplir eux-mêmes ces informations

3- Sur une 3<sup>ème</sup> page.... Nom et email du PI apparaissent automatiquement

Compléter les infos relatives au PI



# Le budget

**Direct personnel costs** : personnels permanents et CDD, sans distinction

**Other direct costs** : missions, consommables, publications, équipement (amortissement)

**Indirect costs** : 25 % des coûts directs (calcul automatique)

**Sous-traitance** : à prévoir le cas échéant (description dans la partie B – section 4.2)

Proposal Submission Forms

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[Save&Close](#)

Proposal ID	SEP-210630607	Acronym	TEST FET-Proact-05
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## 3 - Budget



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))	(G) Special unit costs covering direct & indirect costs €	(H) Total estimated eligible costs € (=A+B+C+D+F+G)	(I) Reimbursement rate (%)	(J) Max.EU Contribution /€ (=H*I)	(K) Requested EU Contribution/€
1	Universite De Lille	FR	0	0	0	0	0	0,00	0	0,00	100	0,00	0,00
2	Institut National De La Sante Et De La Recherche Medicale	FR	0	0	0	0	0	0,00	0	0,00	100	0,00	0,00
3	Agence Nationale De La Recherche	FR	0	0	0	0	0	0,00	0	0,00	100	0,00	0,00
	Total		0	0	0	0	0	0,00	0	0,00		0,00	0,00



# Point-clé sur le budget

- ✓ S'il y a des **third parties** (notamment dans le cas des UMR), inclure leurs coûts dans la ligne du bénéficiaire correspondant
- ✓ Le **budget total** par partenaire et par catégorie de dépenses n'apparaît **que dans la partie A**
- ✓ Dans la **partie B**, seuls les éléments suivants seront détaillés :
  - Nombre de personnes-mois par Work Package
  - Nombre de personnes-mois par partenaire
  - Coût total « travel », « equipment » et « other goods and services » avec une brève description, uniquement pour les partenaires dont la catégorie « other direct costs » dépasse 15% des « direct personnel costs »
- ✓ Aucune particularité pour le programme FET Proactive – le budget se construit comme pour tout projet collaboratif H2020 (faites vous aider !)



# Ethics

## 4 - Ethics

?

1. HUMAN EMBRYOS/FOETUSES		Page
Does your research involve <a href="#">Human Embryonic Stem Cells (hESCs)</a> ?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of human embryos?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of human foetal tissues / cells?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2. HUMANS		Page
Does your research involve human participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
7. ENVIRONMENT & HEALTH and SAFETY		
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research deal with endangered fauna and/or flora and/or protected areas?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of elements that may cause harm to humans, including research staff?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
8. DUAL USE		
Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
9. EXCLUSIVE FOCUS ON CIVIL APPLICATIONS		
Could your research raise concerns regarding the exclusive focus on civil applications?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
10. MISUSE		
Does your research have the potential for misuse of research results?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
11. OTHER ETHICS ISSUES		
Are there any other ethics issues that should be taken into consideration? Please specify	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<p>I confirm that I have taken into account all ethics issues described above and that, if any ethics issues apply, I will complete the ethics self-assessment and attach the required documents.</p> <input type="checkbox"/>		
In case your research involves <a href="#">low and/or lower middle income countries</a> , are any benefit-sharing actions planned?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Could the situation in the country put the individuals taking part in the research at risk?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

Si « Yes », indiquer la page de Part B où se trouvent les informations





# Call-specific questions

Il est possible de se désengager du programme **Pilot on Open Research Data** (cela n'aura pas d'impact sur l'évaluation du projet)

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Proposal ID: SEP-210630607   Acronym: TEST FET-Proact-05

## 5 - Call-specific questions

*Extended Open Research Data Pilot in Horizon 2020* ?

If selected, applicants will by default participate in the [Pilot on Open Research Data in Horizon 2020<sup>1</sup>](#), which aims to improve and maximise access to and re-use of research data generated by actions. However, participation in the Pilot is flexible in the sense that it does not mean that all research data needs to be open. After the action has started, participants will formulate a [Data Management Plan \(DMP\)](#), which should address the relevant aspects of making data FAIR findable, accessible, interoperable and re-usable, including what data the project will generate, whether and how it will be made accessible for verification and re-use, and how it will be curated and preserved. Through this DMP projects can define certain datasets to remain closed according to the principle "as open as possible, as closed as necessary". A Data Management Plan does not have to be submitted at the proposal stage. Furthermore, applicants also have the possibility to opt out of this Pilot completely at any stage (before or after the grant signature). In this case, applicants must indicate a reason for this choice (see options below). Please note that participation in this Pilot does not constitute part of the evaluation process. Proposals will not be penalised for opting out.

We wish to opt out of the Pilot on Open Research Data in Horizon 2020.  Yes  No

Further guidance on open access and research data management is available on the participant portal: [http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination\\_en.htm](http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination_en.htm) and in general annex L of the Work Programme.

<sup>1</sup> According to article 43.2 of Regulation (EU) No 1290/2013 of the European Parliament and of the Council, of 11 December 2013, laying down the rules for participation and dissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EC) No 1906/2006.



# « Validate form »

## Proposal Submission Forms

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Save

Save&Close

## Validation result

Show Error

The red 'Show Error' button indicates an error due to a missing or incorrect value related to the call eligibility criteria. The submission of the proposal **will be blocked** unless that specific field is corrected!

Show Warning

The yellow 'Show Warning' button indicates a warning due to a missing or incorrect value related to the call eligibility criteria. The submission of the proposal **will not be blocked** (proposal will be submitted with the missing or incorrect value).

Section	Description	
Declaration	Declaration acceptance is mandatory	Show Error
ANR	This section has not been validated yet	Show Error
General Information	Duration - missing entry	Show Warning
General Information	Title - missing entry	Show Warning
Declaration	Declaration acceptance missing	Show Warning
Declaration	Declaration acceptance missing	Show Warning
Declaration	Declaration acceptance missing	Show Warning
Declaration	Declaration acceptance missing	Show Warning

**N'oubliez pas de sauvegarder les modifications !**

**Vous pouvez sauvegarder en haut de chaque page**



# La candidature: Part B

LOGIN    FUNDING SCHEME    CREATE DRAFT    PARTIES    EDIT PROPOSAL    SUBMIT

**Step 5**  
Edit Proposal

H2020-EIC-FETPROACT-2019

User Name: Chiara Molinelli  
Topic: FETPROACT-EIC-05-2019  
Type of Action: RIA  
Acronym: TEST FET-Proact-05  
Draft ID: SEP-210630607  
Deadline (Brussels Local Time): November 2019 17:00:00  
49 days left until closure

Check Config  
**Download Part B Templates**   
Visit our 'How to' user guide   
Visit our H2020 Online Manual 

Edit Proposals' 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. 

[edit forms](#) [view history](#) [print preview](#)

**Part B and Annexes**  
In this section you may upload the technical annex of the proposal (in PDF format only) and any other requested attachments. 

Technical Annex Section 1-3 [upload](#)    
Technical Annex Section 4-5 [upload](#)    
Optional annex 3: Ethics Supporting Document(s) [upload](#)  

<< Step 4 - Parties [validate](#) [submit](#)

Télécharger les parties  
B en format pdf

Bien respecter  
les instructions !



# La partie B : éléments pratiques

## Sections 1-3

- **Limite des pages et conditions de formatage**
  - **30 pages max** tout inclus (figures, tableaux...) +1 page de couverture / **70 pages pour « Transition to innovation »**
  - Vigilance / conditions de formatage (times, en 11, etc.), suivre le template très précisément (les évaluateurs commentent chaque sous section)
  - Les pages en excès ne seront pas considérées, ainsi que les hyperliens
- **Rappel**

FETPROACT-EIC-5-2019 « Emerging paradigms and communities »

**Excellence (4/5 – 60 %)**

**Impact (3,5/5 – 20 %)**

**Implementation (3/5 – 20%)**

FETPROACT-EIC-6-2019 « EIC Transition to Innovation Activities »

**Excellence (4/5 – 40 %)**

**Impact (4/5 – 40 %)**

**Implementation (3/5 – 20%)**



# Sections 1-3

## 1. Excellence

- Cette section doit être **en accord avec le Topic choisi**
- ✓ **Lien avec le projet FET précédent** (**pour FETPROACT-06 uniquement**)
- ✓ **Objectifs généraux SMART** (Specific, Measurable, Achievable, Realistic, Time-bound)
- ✓ Comment la proposition répond **au défi spécifiques du topic**
- ✓ Evoquez le **concept et la méthodologie** (**complémentarité avec précédent projet, pour FETPROACT-06**)
- ✓ **L'ambition** du projet
  
- **Suivez le template** précisément ! Les experts-évaluateurs devront commenter chaque sous-section
- Utilisez des **schémas / images** pour faciliter la compréhension
- Ecrivez de manière **concise** : la partie Implementation prendra beaucoup de place



## Sections 1-3

### 2. Impact

- « ***Be specific*** » : utilisez indicateurs et cibles quantifiables

Pour les impacts attendus indiqués dans le work programm et ceux qui n'auraient pas été mentionnés et qui renforceraient la capacité d'innovation, créant des opportunités de marché etc.

- (Draft) Plan de diffusion et d'exploitation des résultats : condition d'admissibilité
- **Communication ≠ dissemination** : objet (projet vs résultats) et cibles différents

#### Communication

Dès le début du projet  
Concerne les activités du projet,  
quelque soient les résultats  
➔ Site internet, flyers, vidéos  
Youtube, réseaux sociaux etc.

#### Dissemination

Diffusion des résultats  
Protection des résultats  
Transfert de technologie  
➔ Brevets, publications, open access etc.



# Sections 1-3

## 3. Implementation

- Organisation du projet et plan de travail : Work packages, livrables, reporting periods
- Ne listez que les livrables que vous pourrez réaliser !
- **Milestone** = étape-clé (nombre limité)
- Pensez aux WP non scientifiques/techniques : WP **management** ; WP ou tâches **diffusion et exploitation et communication**
- **Data Management Plan** : livrable si Pilot on Open Research Data
- **Pert Chart ou Gantt Chart** : le plus lisible possible, utile pour vous avant tout
- **Argumentaire sur la synergie du consortium**
- Tableaux sec 3.4 : « **nombre de personnes.mois** » ; « **autres coûts directs** » pour les participants dont les coûts dépassent 15% des coûts de personnel



## Sections 4-5

# Participants, ethics and security

### Pas de limite des pages

- Ne pas inclure ici des informations relatives aux Sec 1-3

### 4. Participants

- Description de chaque **partenaire**
  - Description de l'entité légale et des tâches principales
  - CV des responsables
  - Max. 5 publications , produits ou services pertinent pour la proposition
  - Max. 5 projets ou autres activités pertinents
  - Description des infrastructures et équipements pertinents
- Rôle des **tierces parties (sous-traitance / autres tutelles ou filiales)**

### 5. Ethics and security

Un *self-assessment* est obligatoire si une ou plusieurs cases du tableau « ethic » du Part A ont été cochés



# En Bref !

Ecrire pour spécialistes et non-spécialistes (interdisciplinarité)

Objectifs clairs, mesurables, quantifiables

Soyez créatifs sur le fond, scolaires sur la forme

Soyez réalistes : si financée, la proposition devient Description of Action, annexe au contrat

Faire rêver, puis convaincre

Faites relire la proposition à des collègues de différentes disciplines





# Programme du webinaire

- Rappel Esprit FET PROACTIVE  
→ *Check the positioning of your project*
- L'évaluation : critères et procédure
- Conseils de préparation  
→ *Evaluate your project*
- La candidature : points d'attention
  - Le portail du participant
  - Part A : Administrative Forms
  - Part B : excellence, impact, implementation  
→ *Check the form and content of your project*
- Checklist finale avant soumission du projet  
→ *Submit your project*



# Checklist Finale

## ■ Critères d'éligibilité

- ✓ Participants : au moins 3 entités légales indépendants dans 3 pays membres ou associés
- ✓ Le contenu de la proposition correspond à l'objet de l'appel

## ■ Part A

- ✓ Descripteurs, mots clés libres et résumé !
- ✓ Déclaration du coordinateur
- ✓ Informations administratives des partenaires
- ✓ Budget
- ✓ Tableau éthique
- ✓ Cohérence des informations (liste partenaires, budget, éthique...) avec Part B

## ■ Part B

- ✓ Sections 1-3 Toutes les sections remplies, dans la limite des 30 ou 70 pages – en PDF
- ✓ Sections 4-5 Toutes les sections remplies – en PDF
- ✓ Le cas échéant : documents relatifs aux questions éthiques



# Soumission du Projet

LOGIN FUNDING SCHEME CREATE DRAFT PARTIES EDIT PROPOSAL SUBMIT

## Step 5

Edit Proposal

H2020-EIC-  
FETPROACT-2019

	USER NAME Chiara Molinelli
	TOPIC FETPROACT-EIC-05-2019
	TYPE OF ACTION RIA
A.B.C.	ACRONYM TEST FET-Proact-05
	DRAFT ID   SEP-210630607
WED	DEADLINE (Brussels Local Time) 13 November 2019 17:00:00
49	days left until closure

Check Config

Download Part B  
Templates

Visit our 'How to' user guide

Visit our 'H2020 Online Manual'

### Edit Proposals' 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. [?](#)

[edit forms](#)

[view history](#)

[print preview](#)

#### Part B and Annexes

In this section you may upload the technical annex of the proposal (in PDF format only) and any other requested attachments. [?](#)

Technical Annex Section  
1-3

[upload](#)

[x](#)

[?](#)

Technical Annex Section  
4-5

[upload](#)

[x](#)

[?](#)

Optional annex 3: Ethics  
Supporting Document(s)

[upload](#)

[?](#)

[<< Step 4 - Parties](#) [validate](#) [submit](#)



done

Version: 20190924\_1214 - Service Desk: [DIGIT-EFP7-SEP-SUPPORT@ec.europa.eu](mailto:DIGIT-EFP7-SEP-SUPPORT@ec.europa.eu) (+32 2 29 92222)

Utilisez la fonction « validate » pour vérifier que la proposition est complète

Seule la dernière version des documents sera visible, n'attendez pas la dernière minute !

Même une proposition soumise peut être rétractée et modifiée, à tout moment avant le 13/11/2019 à 17 h



# Dernier Conseil

→ Soumettez votre projet avant le jour de la deadline !

... et vérifiez à nouveau si besoin ensuite

En cas de problème technique à l'heure de la deadline, mieux vaut avoir un projet avec quelques imperfections que pas de projet du tout !





# Liens utiles

- [Programme de travail FET H2020](#)
- [Programme de travail EIC](#)
- [FET FX](#) : beaucoup de ressources ici !
- [Chaine Youtube FET FX](#)
- [Boîte à outils du PCN](#) : analyse des rapports d'évaluation, statistiques et...  
**témoignages de lauréats**
  - ✓ Rencontres FET de juin 2019 :  
<http://www.horizon2020.gouv.fr/cid140319/rencontres-fet-2019.html>



# Questions & réponses



# Analyse des « ESR » - Evaluation summary Report

- ESR : Evaluation Summary Report
- Corpus : FET Proactive 2014-2017
  - ✓ Tous les projets retenus (main + reserve lists) : 26
  - ✓ Below available budget : projets à coordination française : 10
  - ✓ Below threshold : projets à coordination française : 17
- Relevé des points forts et faibles mentionnés par les experts pour chacun des critères d'évaluation



# Excellence – Points Forts

## Nouveauté / Ambition

“Very clear scientific and technological contributions , potential of breakthrough very clear, entirely new research in new domain, high foundational character”

“Investigates problems that until now have only been abstract ideas”

“ Significant breakthrough in both basic science and translational medicine with significant implications for medical electronic market; very timely topic”

## Faisabilité

“Research quality of the partners is outstanding, giving confidence that the targeted breakthroughs can be achieved and ultimately translated”

“Contains the whole required chain of steps to achieve the proposal challenge”

“Ongoing projects in which partners are involved provide important background “

## Industrie/Applications

“A WP entirely dedicated to the fabrication of prototypes - the added value comes from the strong interaction with industry (4 companies actively involved)”

“Synergy is very good between the academic researchers, however importantly the proposal also engages carefully selected SMEs and one large industrial partner relevant to the ultimate application in waste heat recovery”

## Interdisciplinarité

“Integrates neurophysiology with robotics, computational modelling and different visions of engineering”

“Certainly multidisciplinary, connecting technologists and material scientists, engineer experts in integrated circuits with biologists working with different animal models and end-users and hospital clinicians, industrial partners and a neuroethical team providing guidance on ethic issues; involves two teams of philosophers specialized in bio and neuro-ethics; participation of technology partners in fundamental research and vice-versa, and a smooth flow of neuro-research knowledge from pre-clinical and clinical groups”

“Competencies from neurosciences, physical medicine, rehabilitation, nanotechnology, numerical modelling, neurosurgery, molecular physiology, and stakeholder engagement which is beyond current mainstream collaborations”

“Integrates neurophysiology with robotics, computational modelling and different visions of engineering”



# Excellence – Points Faibles

## Manque de nouveauté / vision

“Not persuasive and elaborated, incremental only”  
“No breakthrough, objectives are very general, no novelty or ambition”  
“state of the art not well defined”  
“Advantages of breakthrough not well explained”

## Manque de précisions / Faisabilité

“Methodology lacks details (in particular for narrowing multiple options)”  
“Too ambitious; lack of explanations about overcoming some scientific barriers”  
“Contribution to the science is not enough specified”  
“More details of the research methods should have been provided”  
“From a technical perspective important elements describing the system are missing”  
“Quantitative targets or comparison with existing technologies are scarce”

## Interdisciplinarité

“Limited information about cross-fertilisation”  
“Moderate interdisciplinarity”  
“Extent and benefit from interdisciplinarity is somehow unclear”

## Gestion des risques

“Risk about quality of integration of the numerous partners”



# Impact – Points Forts (1/2)

## Description de l'impact

“Convincing, significant impact on society and health”

“Good impact on medicine, impact on society and technology is convincing”

“Transformation of technology in the short term and of society in the long term”

“Separation between immediate impact and potential future impact extremely detailed”

## Communication

“Technology will be widely utilised; includes communication toward general public”

“The project also organizes summer schools, summer laboratories and workshops”

“Educational activities for the promotion of science and the social acceptance of the technology”

“Particular attention to general public: mobile phone application to attract attention of young people”

## Diffusion/ Exploitation des résultats

“Realistic and credible strategy; priority for gold open access publications”

“Database publicly available for scientific community”

“Effective, high-quality dissemination measures including patents, conference contributions, scientific publishing, and unconventional ones as well as the website; well-structured plan to involve stakeholders, clinicians, media experts and business people; as well as to make aware the SCI community”

“Usual and appropriate “impact measures” for such low TRL project (web page, publications..)”

## Nouveaux acteurs

“The two SMEs involved are high potential novel actors”

“Number of young researchers as well as established senior investigators; proper gender balance in the team”

“Good synergy of the youth and well-known scientists; role of SME clearly outlined; activities devoted to training and development of young researchers”

## Applications / Industry

“The expected impact is high... This is strengthened by including two industrial partners; the industrial partners plan to incorporate the results of the project; the results of the project can be directly used to strengthen European market”



# Impact – Points Faibles

## Description de l'impact

“Impact is vague; no transformation of technology as it is only incremental”  
“Impact overestimated and not discussed enough”  
“The proponents occasionally overstate their technology/scientific impact ignoring potential competitors and state of the art”  
“Interdisciplinary community structuring is not convincing”  
“Impact science but not technology or society”  
“Narrow impact; incremental”

## Communication

“Public engagement not sufficient”  
“Proposed outreach activities are rather standard”

## Nouveaux acteurs

“Only one female PI”  
“not many new actors, no new technology leaders would result from the project”

## Applications

“No estimations or surveys on market potential”  
“Technological advancement may be far from the involvement of industry and stakeholders”

## Diffusion/ Exploitation des résultats

“Dissemination measures very standard and there is no WP entirely dedicated to this activity”  
“Plan for exploitation not sufficiently detailed; interdisciplinary community structuring is not convincing”



# Implementation – Points Forts

## Clarté du plan de travail

“Separating scientific work from validation is an excellent feature; quality of work plan is outstanding”

“Steering/advisory committee with 3 external internationally-recognized advisers included, with letters of support provided”

“The workplan adds very good detail to the overall vision of the proposal; the work packages follow the general "mnemonic" of figure 1.2; milestones and deliverables very clear and logically justified; proposal plan, relation between the WPs and Gantt chart are perfectly illustrated and easy to follow”

“Objectives are S.M.A.R.T.”

“Management structure is perfectly tuned to the small size of the consortium and properly designed to handle long-term project goals and day-by-day activities”

## Consortium

“Very good scientific human resources”

“Publications of the consortium are very good”

“Good track records of grant funding and high rank publications”

“Two company members of the consortium with relevant R&D experience; participation of SMEs is critical for innovation management and dissemination activities towards industry”

“Although the number of partners is quite limited, all needed technical implementation expertise are present, with a simple and effective management structure”

## Allocation des ressources

“Very well justified allocation of resources”

“5M is outstanding value for money; detailed breakdown of costs provided together with "pie-charts" illustrating the proposal's financials”

“Person-months are well-balanced and justified; table with exact numbers for equipment is provided for all participants”

## Autre

“Intermediate targets are appropriate and well justified; risk assessment is properly addressed; dependencies between tasks and WPs are clearly identified and justified; high quality work plan with detailed scientific description of tasks; sufficient time for corrective and mitigations actions; excellent scientific advisory board; good balance of competencies; strong partnership; they are complementary, without unnecessary overlap of competencies; experienced in collaborative projects”



# Implementation – Points Faibles

## Clarté du plan de travail

“Lack of risks description”  
“IPR not sufficiently considered”  
“Milestones only in WP1”  
“No specific WP for dissemination”  
“Explanation of workflow and timing of WP3 is not sufficiently detailed”  
“Some intermediate targets not sufficiently clear, confidentiality nature of some deliverables not sufficiently explained, list of milestones needs clarification”

## Consortium

“Redundant expertises”  
“Lack of industrial partner”  
“Very large amount of topics, very large consortium of 14 partners, not easy to judge if all partners are necessary, could benefit from less partners, hard to justify all involvements”

## Répartition/justification des ressources

“Low number of postdocs and students in comparison with the number of partners”  
“Only two groups have requested funds for travel to other groups”