Joint Transnational Call (JTC) 2015

for transnational research proposals in synergy with the two FET Flagships:

Graphene Flagship

Human Brain Project

Outline

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FLAG-ERA

What is a FET Flagship?

- FET Flagships are
  - Visionary, science-driven, large-scale research initiatives addressing grand scientific and technological challenges
  - A new partnering model for long-term co-operative research in the European Research Area, based on the combination of a large Core Project playing a leading role for the whole duration of the initiative and a set of Partnering Projects
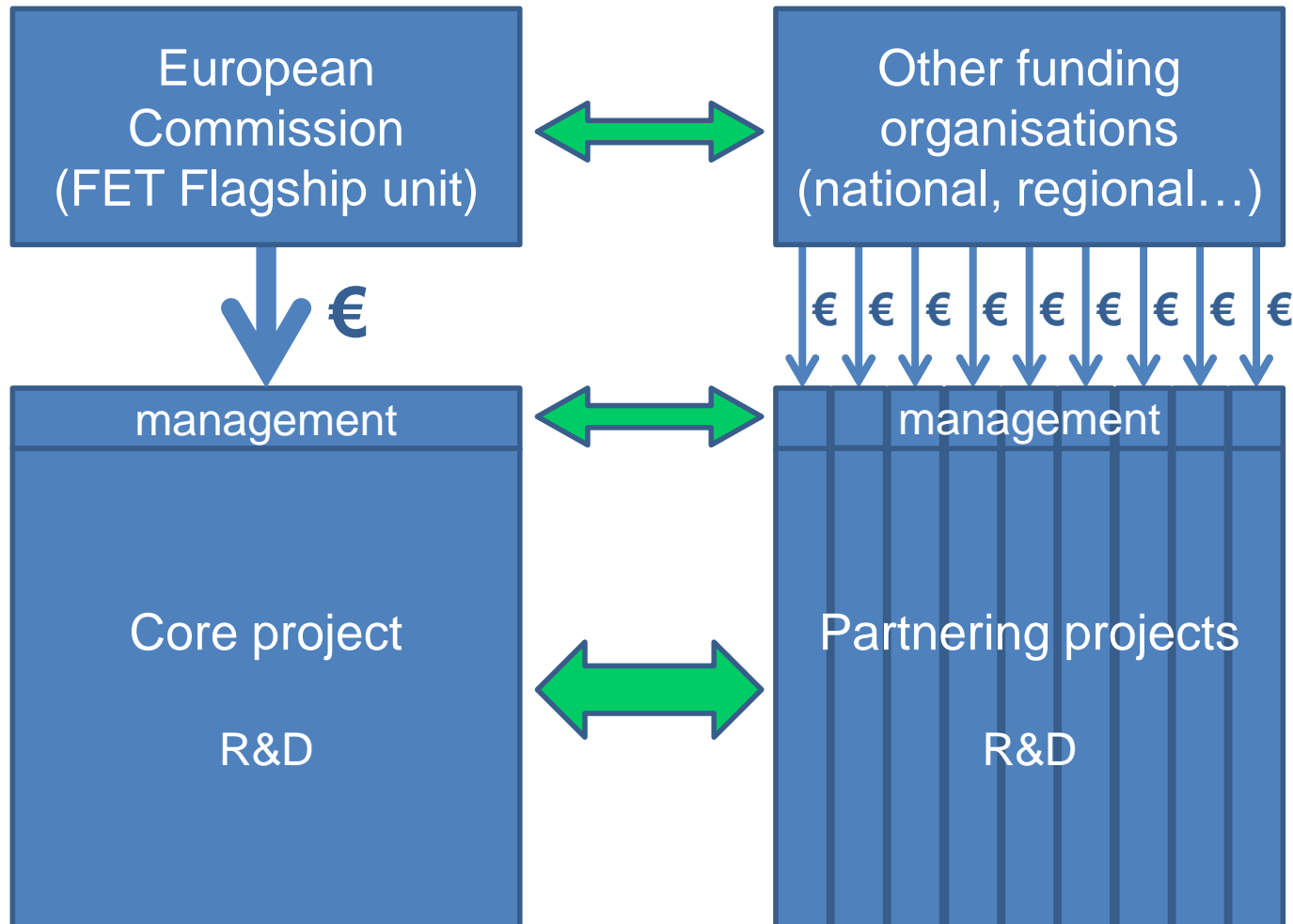
`http://ec.europa.eu/digital-agenda/en/fet-flagships`

`http://www.graphene-flagship.eu`   `http://www.humanbrainproject.eu`

FLAG-ERA

What is FLAG-ERA?

- FLAG-ERA is the FET Flagship supporting ERA-NET
  - A network of National and Regional Funding Organisations (NRFOs) in Europe and beyond
  - A coordination and support action supported by the European Commission (EC)
- Main goals
  - Set up, together with the two Flagship Core Projects and the EC, the mechanisms for using the existing national, regional and transnational calls in the framework of the Flagships
  - Launch dedicated calls such as the FLAG-ERA JTC 2015
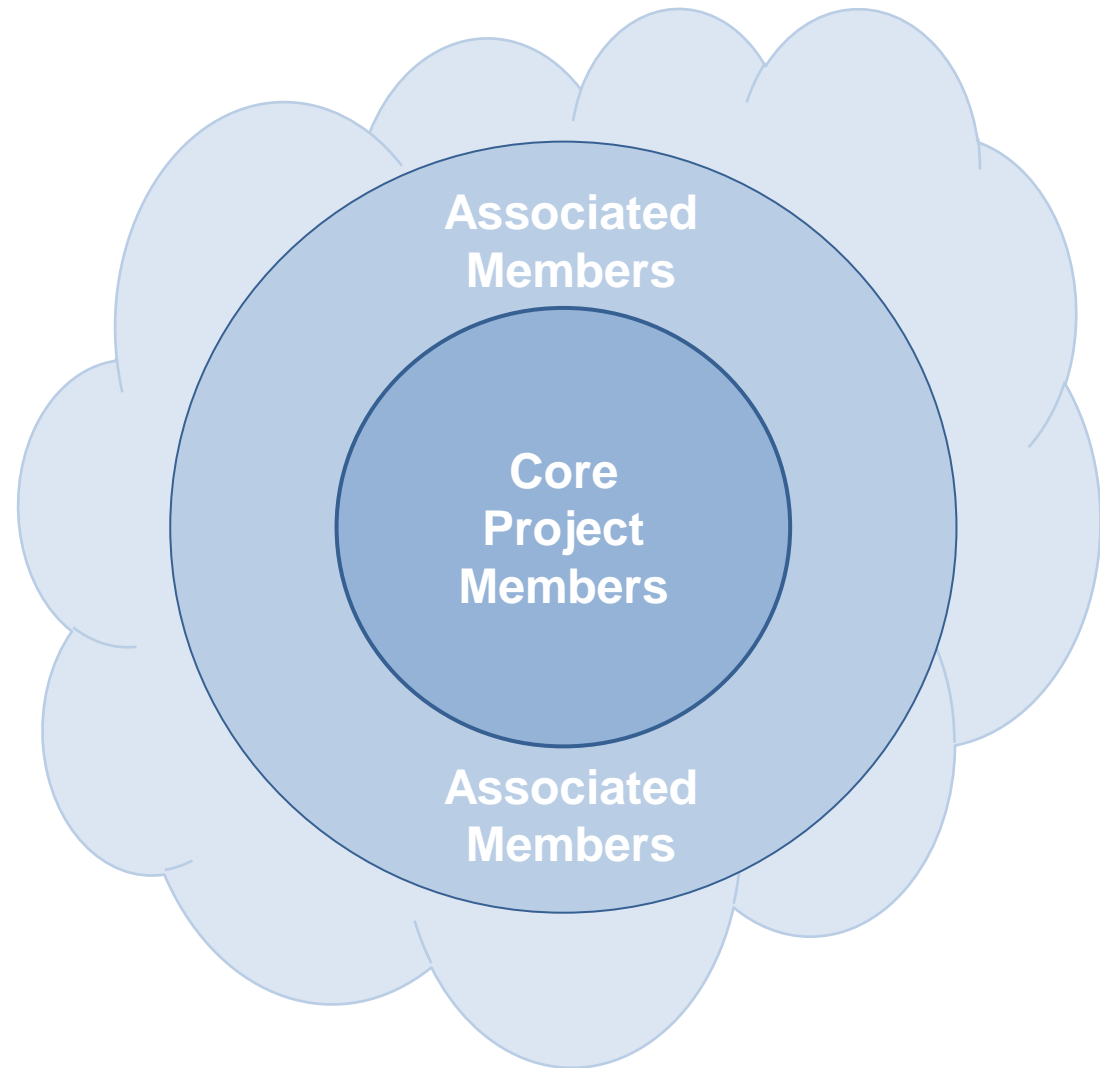
  `http://www.flagera.eu`

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Flagship funding structure

Flagship association mechanisms

- Researchers from within and out of the Core Project willing to collaborate can do so through association mechanisms
  - Research organisations which are not member of the Core Project can become Associated Members of the Flagship
    - They enter a non legally binding agreement with the Core project as a whole, and, if needed, a legally binding agreement with some of the Core Project members
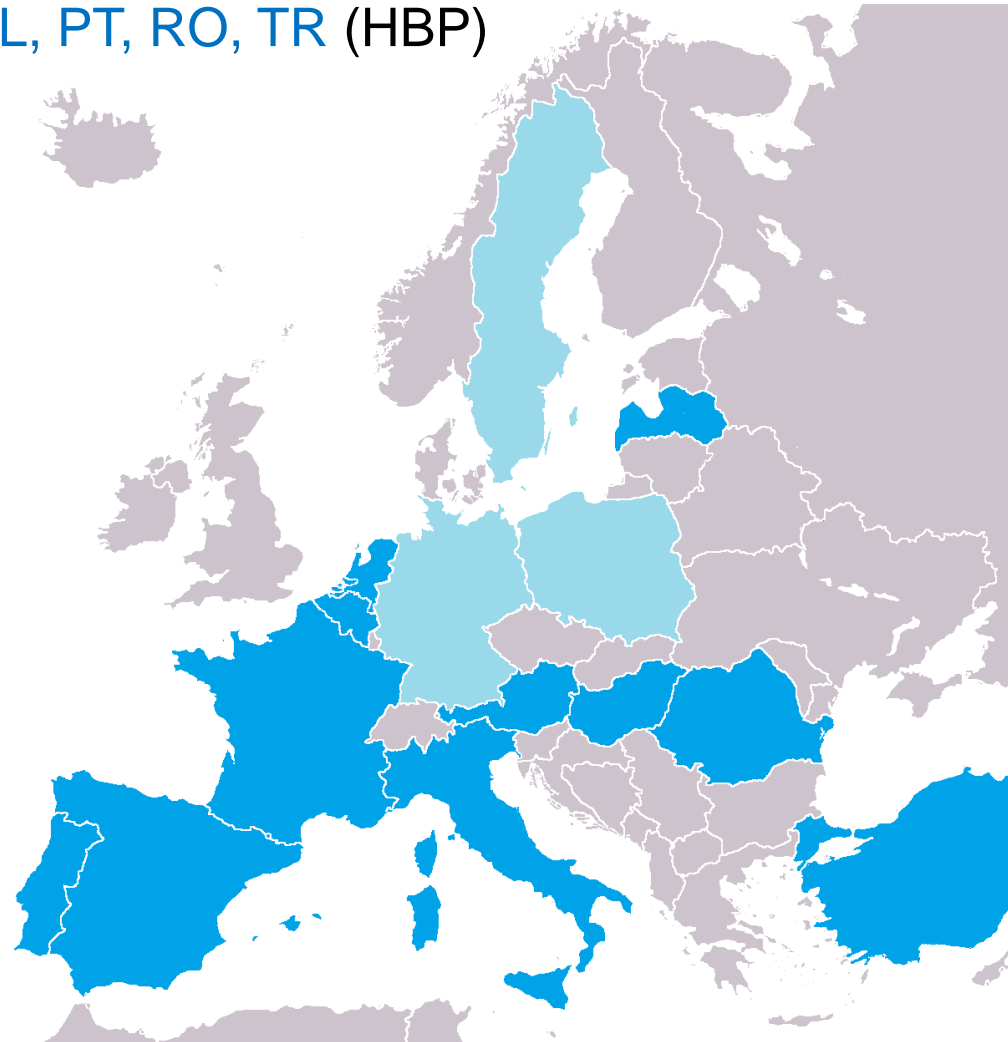
Associated Members

Core Project Members

Associated Members

FLAG-ERA

FLAG-ERA JTC 2015 overview

- **Joint call for transnational research proposals in synergy with the two FET Flagships**
  - **Graphene Flagship**
  - **Human Brain Project**
- Funding both Core Project members and new partners (expected to become Associated Members of the Flagship)
- 14 participating countries
- Indicative budget: 18,5 M€
- Deadline: January 27th, 2015

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Participating countries

- AT, BE, DE, ES, FR, HU, IT, LV, NL, PL, PT, RO, SE, TR (Graphene)
- AT, BE, ES, FR, HU, IT, LV, NL, PT, RO, TR (HBP)
- Researchers from other countries can participate in a project if they secure their own funding

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A call for transnational projects…

Rationale

- FLAG-ERA is an ERA-NET. The FLAG-ERA JTC 2015 is modelled after typical ERA-NET calls
- While such calls require consortia requesting funding from at least 3 different countries, flexibility was introduced by allowing one country to be represented by a Core Project partner not requesting funding

Rules

- At least 3 partners from 3 different countries, with two options
  - at least 3 partners requesting funding from 3 different participating countries, or
  - at least 2 partners requesting funding from 2 different participating countries + 1 Core Project partner from a different country and securing its own funding
- The consortium coordinator must be funded through the call
- The consortium must be balanced
  - Requested funding in a given country should not exceed 60% of the total requested funding (75% if funding is requested in 2 countries)

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… in synergy with the Flagships…

Rationale

- FLAG-ERA aims at supporting the Flagships

- In order to evaluate the synergies and also to ensure the planning of the selection process, the information about the association is needed at submission time

  - Discussions between Flagship members and non members are encouraged for preparing proposals

Rules

- "Level of potential synergies with the Flagship" is an evaluation criterion

- The related information is requested in the electronic submission site in such a way that it can be sent to the Flagship Core Project for confirmation if the project is selected

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… expanding the Flagship consortia

Rationale

- Ensure openness to relevant partners who did not join at previous stages, while also allowing Core Project partners to get funding
    - Using a definition of Core Project partner which remains local to a research team and which can be easily checked

- Rules
    - "Complementarity to the Flagship Core Project" is an evaluation criterion
    - At most half of the partners can be Core Project partners
    - A Core Project partner is defined as a partner directed by a Principal Investigators (PI) which is also a PI for the Flagship Core Project at submission time

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FLAG-ERA JTC 2015 Research Areas

Graphene Flagship	Human Brain Project
1. Computational modelling of devices and systems	1. Targeted Mapping of the Mouse Brain
2. Advanced nanofabrication and spintronics	2. Targeted Mapping of the Human Brain
3. Active THz components	3. Theoretical and Mathematical Foundations of Neurosciences
4. Multifunctional composites	4. Neuroinformatics
5. Functional coatings	5. Brain Simulation
6. Nanofluidics applications	6. High Performance Computing
7. Biologicaland chemical sensors	7. Medical Informatics
8. Immunogenomics and proteogenomics	8. Neuromorphic Computing
9. New layered materials and heterostructures	9. Neurorobotics
10. Energy	10. Ethics and Society
11. Prototypes	

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Indicative Budgets (k€)

Country	NRFO	Graphene Flagship	Human Brain Project	Total	anticipated nb of teams
Austria	FWF	300	300	600	3
Belgium	FNRS	200	200	400	2
Belgium	FWO	400	400	800	4
Belgium	IWT	750	750	1.500	6
France	ANR	1.000	1.000	2.000	6-10
Germany	DFG	2.400	-	2.400	12-15
Hungary	NIH	330	330	660	4-5
Italy	MIUR	1.000	1.000	2.000	n/a
Latvia	LZA	200	200	400	2
Netherlands	FOM	750	-	750	3
Netherlands	NWO	-	750	750	2-3
Poland	NCBR	500	-	500	2-3
Portugal	FCT	250	250	500	2-3
Romania	UEFISCDI	500	500	1.000	5-6
Spain	MINECO	500	500	1.000	n/a
Sweden	VR & VINNOVA	1.500	-	1.500	3-6
Turkey	TÜBITAK	1.000	750	1.750	8-9
		11.580	6.930	18.510	

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Main steps after submission

- Proposals are assessed by an independent international Scientific Evaluation Panel (SEP)

- On the basis of this assessment and of the available funding, a list of projects recommended for funding is established

- It is expected that all partners in these projects who are not already Flagship Core Project members join the Flagships as associated members

- Timeline
  - Sept 2015: Publication of results
  - Oct 2015 – Jan 2016: Project start
  - 2016-2018: Yearly project follow-up seminars

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Comparison with national calls

JTC 2015	National and regional calls
Strong synergy with the Flagship is favoured (synergy is an evaluation criterion)	Synergy with the Flagship can be a plus for the evaluation
At most half of partners can be led by Flagship PIs	No constraint
Funding requested in 2+ countries	Funding requested in 1 country
Only some countries participate	All countries have calls
Smaller budgets	Larger budgets overall
Compete only with proposals fitting the JTC constraints	Compete with all proposals in the domain

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Further information

Call Announcement, submission form, electronic submission site:

`http://www.flagera.eu`

National and regional contact points:

Cf. Call Announcement (Annex III)

Joint Call Secretariat:

`emilie.klecha@agencerecherche.fr`

Graphene Flagship

Point of Contact:

`graphene-eu@esf.org`

Human Brain Project

Point of Contact:

`relations@humanbrainproject.eu`

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