MINISTERIO DE ECONOMÍA, INDUSTRIA Y COMPETITIVIDAD

CDTI Centro para el Desarrollo Tecnológico Industrial

@CDTIoficial

Espacio en el 9º Programa Marco

Asamblea General de la PAE
CDTI, 13 Abril 2018

FP9 Indicative timeline

2018	
May-July	• 2 May adoption of the comprehensive proposal for the future Multiannual Financial Framework beyond 2020 • **29 May Commission proposal of the FP9 package**
2019	
	• European Parliament elections, appointment of the new Commission • EP and Council negotiations and eventual adoption of the FP9 proposal • First Workprogramme development for the FP9
2021	
	Launch of the 9th Framework Programme

FP9 Programme structure (BORRADOR)

The key novelties under discussion for FP9 are:

- the **mission-approach** to enhance the impact of European R&I funding, and
- a fully-fledged **European Innovation Council**

PART I: Open Science

ERC

MSCA

Research Infrastructures

PART II: Global Challenges

Thematic clusters

- Health
- Resilience and Security
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources

Implemented via:
(i) regular calls for proposals,
(ii) partnerships and
(iii) missions.

PART III: Open Innovation

EIC

Support to innovation ecosystems

Improve access to risk finance

Space

Líneas de actividad - ¿nuevos elementos?

Contenido preliminar, atención a algunos nuevos elementos

- **Activities shall be roadmap-based** in conjunction with ESA harmonisation process
- **Access to space** → increased support
- **Space demonstrators** in areas such as hybrid/smart satellites, launcher reusability, in-orbit servicing
- Developing a **European Space Situational Awareness capacity** to monitor and forecast space weather, space debris and near Earth objects

DRAFT!

Algunas novedades

Nuevas iniciativas e instrumentos de financiación

- **JTI (Joint Technology Initiative) for Space**
- **KIC (Knowledge and Innovation Community) for Space**
- **Acces to risk finance**

DRAFT!

Possible JTI for Space in FP9

- **JTI in FP9 (2021-2028)**

  5 Challenges (TBC)

  - Components, materials & tools for non dependence
  - Equipment supply chain and a stronger technology base
  - Beyond (space) industry 4.0
  - Access to space
  - Ground segment

ASD-EUROSPACE
The Space group in ASD

- **JTI Pilot Project (2018-2019)**
  - **STEPP Pilot Project** managed by Eurospace http://www.stepp-eu.org/
  - Analysis overall JTI scope and perimeter
  - Simulates JTI process on 2 pilot themes: deorbiting and innovative materials

¡En reconsideración!

  - To join the JTI Consultation Group

https://docs.google.com/forms/d/e/1FAIpQLSf18Dgllxr4rj8PkvGXOxXqX13PFYHVbGmdRiOUc9STF-GGvA/viewform?c=0&w=1

Possible KIC for Space in FP9

KIC → a partnership that brings together industry, research centres and universities

- **Activities cover the entire innovation chain**
  - Training and education programmes
  - Reinforce the journey from research to the market
  - Innovation projects
  - Business incubators and accelerators

- Cost-benefit analysis for **two options**
  - Mainstreaming space in existing KICs (e.g. EIT Climate KIC, EIT Raw Materials)
  - Dedicated Space KIC

Access to Risk Finance

How to design a smart financing approach for space

InnovFin Space Equity Pilot (ISEP)

- Total budget in 2018-2020: EUR 50 million
- Implemented by the European Investment Fund (EIF)
- ISEP will invest in venture capital and other risk-capital funds focused on space SMEs and small mid-caps related to space data and space technology

- To stimulate investment in downstream and upstream markets

+ info sobre programas y ayudas
para la
internacionalización de la I+D+I española

www.eshorizonte2020.es - www.cdti.es

@EsHorizonte2020 - @CDTIoficial