

#innovacion
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#asesoramiento
#internacionalizacion

Oportunidades para el sector espacial en el Programa Horizonte Europa – Clúster 4

Andrea Pérez-Carro Ríos
Representante y Punto de Contacto Nacional
Clúster 4 - Horizonte Europa

Jornada informativa sobre oportunidades de financiación
a la colaboración internacional en I+D+i

Bilbao, 16 de Febrero de 2026

IMPORTANTE - Disclaimer

Esta presentación tiene carácter informativo y en ningún caso sustituye o reemplaza la documentación oficial publicada por la Comisión Europea

Ante cualquier discrepancia atiendan a la información presentada por la COMISIÓN

Contenidos

- Introducción:
 - Espacio en Europa
 - Espacio en Horizonte Europa
- Espacio en el programa de trabajo del clúster 4
 - Destino espacio
 - Orientaciones y Headings (Secciones)
- Oportunidades en **Espacio (2026)**:
 - **FOCO EN LAS CONVOCATORIAS**
- Más información



Contexto: el sector espacial en Europa

PROGRAMAS ESPACIALES EN EUROPA

PROGRAMAS



PROGRAMAS UE



ESA



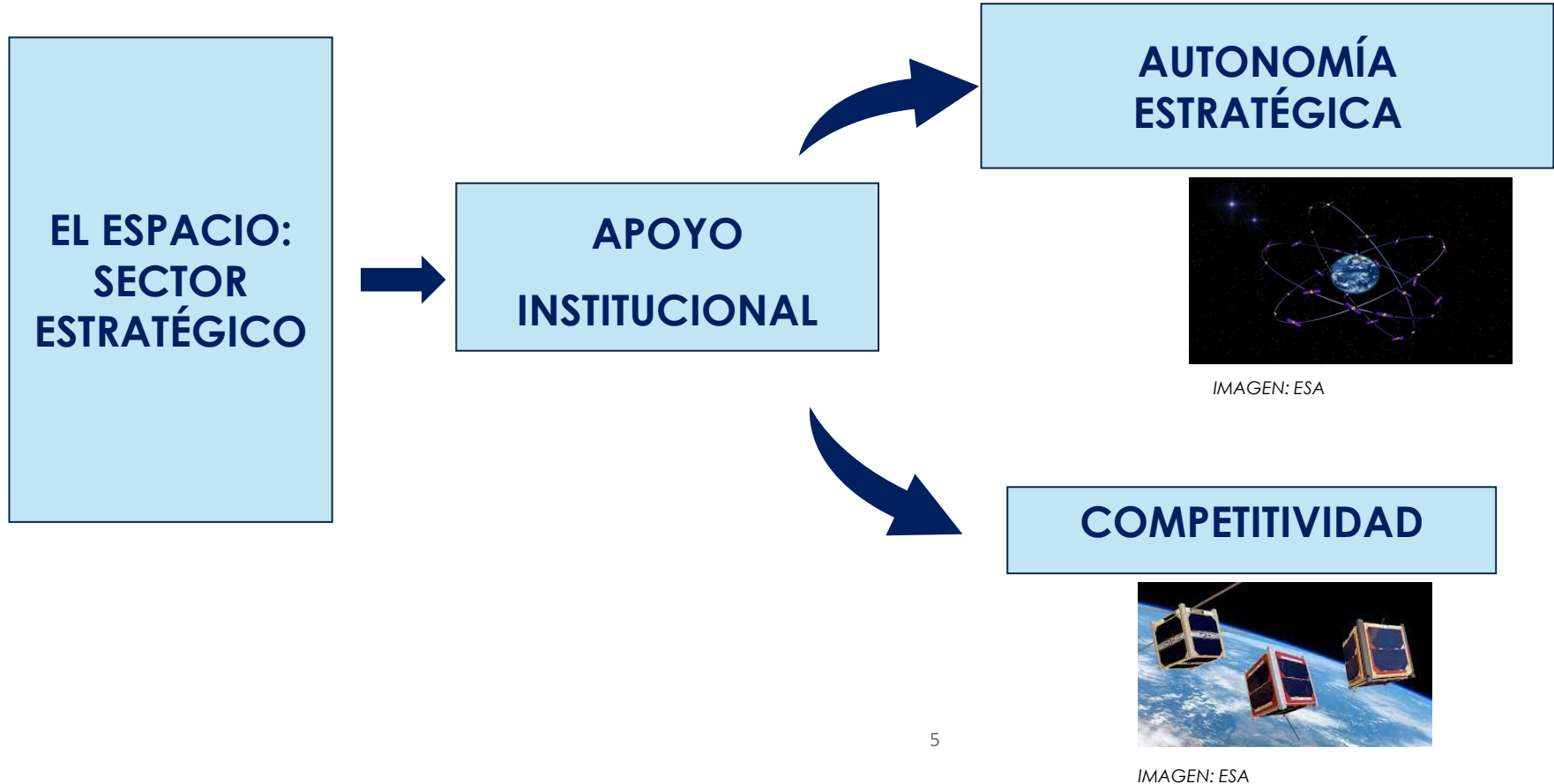
EC



PROGRAMA ESPACIAL

ACTIVIDADES ESPACIO
HORIZONTE EUROPA

Objetivos I+D+I Espacio



El sector espacial en Horizonte Europa



Pillar 1 Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research infrastructures



Pillar 2 Global Challenges and Industrial Competitiveness

Clusters

1. Health
2. Culture, Creativity and Inclusive society
3. Civil Security for Society
4. Digital, Industry and Space
5. Climate, Energy and Mobility
6. Food, Bioeconomy, Natural resources, Agriculture and Environment

Joint Research Centre



Pillar 3 Open Innovation

European Innovation Council

European innovation ecosystems

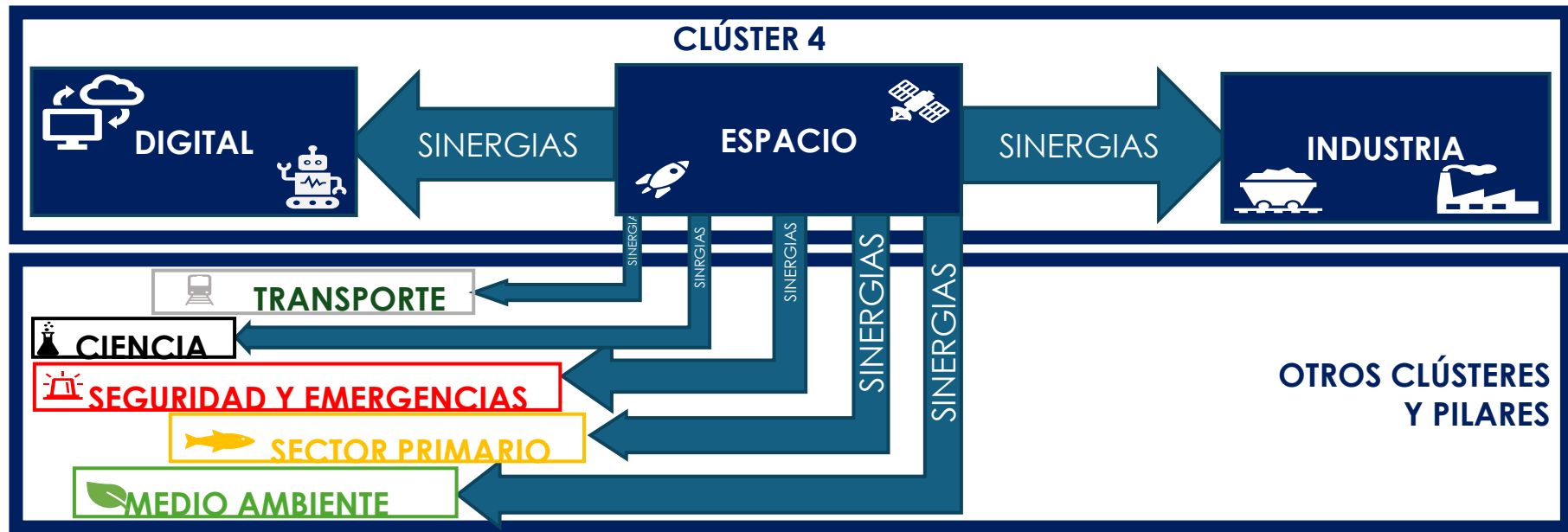
European Institute of Innovation
and Technology

Strengthening the European Research Area

Widening participation and Spreading excellence

Reforming and Enhancing the European R&I system

El sector espacial en el clúster 4



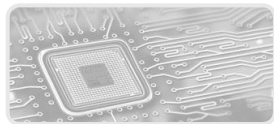
Programa de Trabajo 2026- 2027: Digital, Industria y ESPACIO



– Leadership in materials and production for Europe



– Agile & secure single market and infrastructure for data-services and trustworthy artificial intelligence services



– Open Strategic autonomy in digital and emerging enabling technologies



DESTINO
ESPACIO

– Open Strategic autonomy in developing, deploying and using global *space*-based infrastructures, services, applications and data

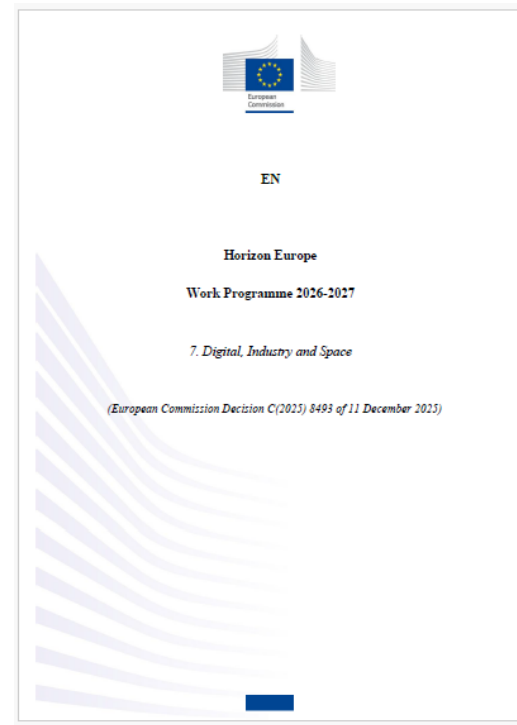


– Digital and industrial technologies driving human-centric innovation



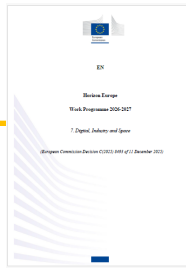
Programa de Trabajo 2026-2027 CL4: Digital, Industria y Espacio

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2026-2027/wp-7-digital-industry-and-space_horizon-2026-2027_en.pdf



Destino “*ESPACIO*”: 6 Orientaciones

Destination: Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data 187



6 ORIENTACIONES

ACCESSING SPACE

USING SPACE ON EARTH

MONITORING SPACE

ACTING IN SPACE

EXPLORING SPACE

BOOSTING SPACE

- **Accessing Space:** ability to transport satellites, cargo, and humans into space
- **Using Space on Earth:** ability to provide space-based secure communication, navigation and Earth observation services and applications
- **Monitoring Space:** ability to detect, track and anticipate the trajectory of spacecraft, Near-Earth objects, and space debris and anticipation of other impacts on the space environment
- **Acting in Space:** ability to inspect, rendezvous and dock, grasp, repair, reconfigure, build, assemble and disassemble, reuse/recycle, relocate, remove and transport operational, non-operational, and other objects in space
- **Exploring Space:** ability to conduct high profile space exploration activities, perform excellent science and exploit space data to increase our knowledge about the Universe and celestial bodies, with a view to their exploration for scientific and socio-economic benefits
- **Boosting Space:** ability to sustain the above strategic capabilities

Destino “ESPACIO”: 12 Headings o secciones

6 ORIENTACIONES

ACCESSING SPACE

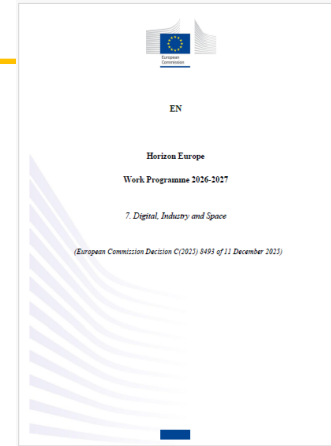
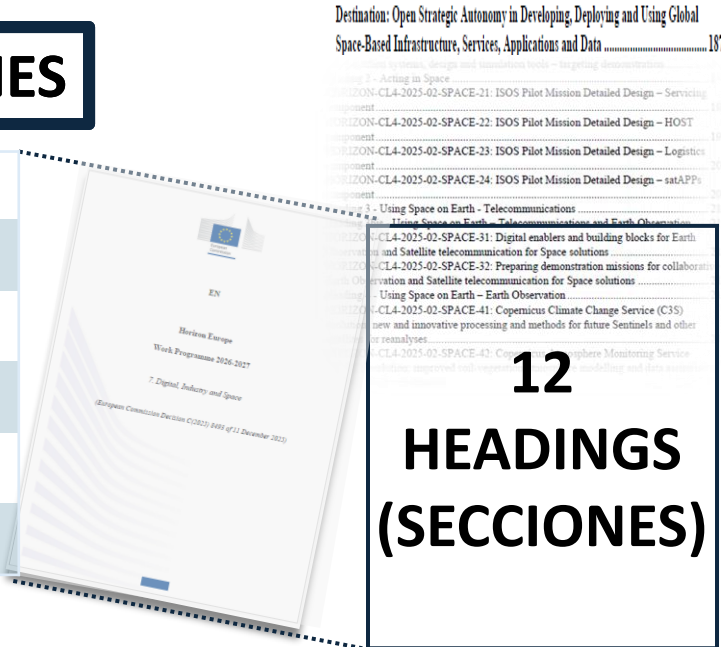
USING SPACE ON EARTH

MONITORING SPACE

ACTING IN SPACE

EXPLORING SPACE

BOOSTING SPACE



6 ORIENTACIONES

ACCESSING SPACE

USING SPACE ON EARTH

~~MONITORING SPACE~~

ACTING IN SPACE

EXPLORING SPACE

BOOSTING SPACE

12 HEADINGS (SECCIONES)

- 1. Acceso al espacio
- 2. Actuar en el espacio
- Uso del espacio en la Tierra:
 - 3. Upstream Satcom & observación de la Tierra
 - 4. Servicios de Copernicus
 - 5. Aplicaciones de Navegación y oT
- 6. Ciencia y exploración del espacio
- 7. ~~Monitores del Espacio~~
- Impulso del espacio:
 - 8. Tecnologías críticas
 - 9. Tecnologías innovadoras (Quantum)
 - ~~10. IoT/IIoT~~
 - ~~11. Apoyo al emprendimiento~~
 - ~~12. Impulso del espacio: apoyo a la ley del espacio y a la ciberseguridad~~

Convocatoria SPACE: *HORIZON-CL4-2026-03*



HORIZON-CL4-2026-03

N. TOPICS: 8

PRESUPUESTO: 90,97 M€

APERTURA: 10 marzo 2026

CIERRE: 3 Septiembre 2026

HORIZON-CL4-2026-03

Overview of this call¹¹

Proposals are invited against the following Destinations and topic(s):

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ¹²	Indicative number of projects expected to be funded
		2026		
Opening: 10 Mar 2026				
Deadline(s): 03 Sep 2026				
Destination: Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data				
HORIZON-CL4-2026-SPACE-03-11: Reinforcing EU autonomous access to space through EU-based spaceports	IA	22.59	10.00 to 15.00	2
HORIZON-CL4-2026-SPACE-03-31: Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	RIA	12.00	3.00 to 6.00	3
HORIZON-CL4-2026-SPACE-03-32: Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA	26.00	5.00 to 10.00	4
HORIZON-CL4-2026-SPACE-03-61: Scientific analysis and exploitation of space data	RIA	3.92	1.50 to 2.50	2
HORIZON-CL4-2026-SPACE-03-81: Space critical EEE components for EU non-dependence – Radiation Hard FPGA on 7nm	RIA	12.74	12.00 to 13.00	1
HORIZON-CL4-2026-SPACE-03-82: Space critical EEE components for EU non-dependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	RIA	6.86	6.00 to 7.00	1
HORIZON-CL4-2026-SPACE-03-85: Critical Facilities Serving Space EEE components for EU non-dependence – High and Very High Energy Irradiation Test Facility Market Deployment	IA	3.92	3.00 to 4.00	1
HORIZON-CL4-2026-SPACE-03-86: Space critical Equipment for EU non-dependence – Space Refuelling Interface	RIA	2.94	2.00 to 3.00	1
Overall indicative budget		90.97		

- 1. Acceso al espacio
- Uso del espacio en la Tierra:
 - 3. Satcom & observación de la Tierra
- 6. Ciencia y exploración del espacio
- 8. Impulso del espacio: tecnologías críticas

Lumpsum (a excepción de los topics de tecnologías críticas)

Convocatoria SPACE: *HORIZON-CL4-2026-03*



HORIZON-CL4-2026-03

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HORIZON-CL4-2026-SPACE-03-11

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HORIZON-CL4-2026-SPACE-03-32: Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA	26.00	5.00 to 10.00	4
HORIZON-CL4-2026-SPACE-03-61: Scientific analysis and exploitation of space data	RIA	3.92	1.50 to 2.50	2
HORIZON-CL4-2026-SPACE-03-81: Space critical EEE components for EU non-dependence – Radiation Hard FPGA on 7nm	RIA	12.74	12.00 to 13.00	1
HORIZON-CL4-2026-SPACE-03-82: Space critical EEE components for EU non-dependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	RIA	6.86	6.00 to 7.00	1
HORIZON-CL4-2026-SPACE-03-85: Critical Facilities Serving Space EEE components for EU non-dependence – High and Very High Energy Irradiation Test Facility Market Deployment	IA	3.92	3.00 to 4.00	1
HORIZON-CL4-2026-SPACE-03-86: Space critical Equipment for EU non-dependence – Space Refuelling Interface	RIA	2.94	2.00 to 3.00	1
Overall indicative budget		90.97		

- 1. Acceso al espacio



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 - 3. Satcom & observación de la Tierra

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HORIZON-CL4-2026-03

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HORIZON-CL4-2026-SPACE-03-31
HORIZON-CL4-2026-SPACE-03-32

HORIZON-CL4-2026-03

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HORIZON-CL4-2026-SPACE-03-12: Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	RIA	12.00	3.00 to 6.00	3
HORIZON-CL4-2026-SPACE-03-32: Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA	26.00	5.00 to 10.00	4
HORIZON-CL4-2026-SPACE-03-61: Scientific analysis and exploitation of space data	RIA	3.92	1.50 to 2.50	2
HORIZON-CL4-2026-SPACE-03-81: Space critical EEE components for EU non-dependence – Radiation Hard FPGA on 7nm	RIA	12.74	12.00 to 13.00	1
HORIZON-CL4-2026-SPACE-03-82: Space critical EEE components for EU non-dependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	RIA	6.86	6.00 to 7.00	1
HORIZON-CL4-2026-SPACE-03-85: Critical Facilities Serving Space EEE components for EU non-dependence – High and Very High Energy Irradiation Test Facility Market Deployment	IA	3.92	3.00 to 4.00	1
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- 6. Ciencia y exploración del espacio
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Convocatoria SPACE: *HORIZON-CL4-2026-03*



HORIZON-CL4-2026-03

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PRESUPUESTO: 90,97 M€

APERTURA: 10 marzo 2026

CIERRE: 3 Septiembre 2026

HORIZON-CL4-2026-SPACE-03-61

HORIZON-CL4-2026-03

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HORIZON-CL4-2026-SPACE-03-32: Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA	26.00	5.00 to 10.00	4
HORIZON-CL4-2026-SPACE-03-41: Scientific analysis and exploitation of space data	RIA	3.92	1.50 to 2.50	2
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HORIZON-CL4-2026-SPACE-03-82: Space critical EEE components for EU non-dependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	RIA	6.86	6.00 to 7.00	1
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HORIZON-CL4-2026-SPACE-03-82
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HORIZON-CL4-2026-SPACE-03-86

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SIN RESTRICCIONES
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- 8. Impulso del espacio: tecnologías críticas



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SIN RESTRICCIONES
ELEGIBILIDAD

- 8. Impulso del espacio: tecnologías críticas



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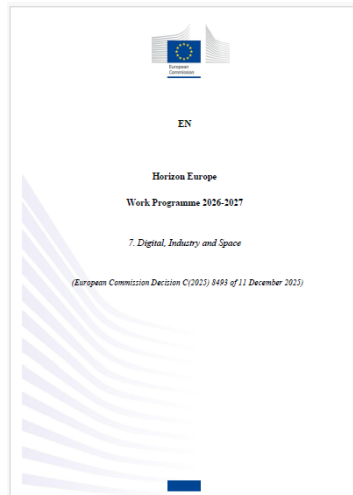
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Lumpsum (a excepción de los topics de tecnologías críticas)

Destino “ESPACIO”: Orientaciones Y Headings (PT 2026-2027)



Destination: Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	187
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CONVOCATORIA **EUSPA**: HORIZON-CL4-2027-EUSPA-SPACE



HORIZON-EUSPA-2027-SPACE-03

N. TOPICS: 1

PRESUPUESTO: 0,98 M€ → Expected to be increased
APERTURA: 14 Octubre 2026

CIERRE: 17 Febrero 2027

Conditions for the Call

Indicative budget(s)¹⁸⁷

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ¹⁸⁸	Indicative number of projects expected to be funded
		2027		
		Opening: 14 Oct 2026 Deadline(s): 17 Feb 2027		
HORIZON-2027-EUSPA-SPACE-51	IA	0.98 ¹⁸⁹	0.80 to 0.98	1
Overall indicative budget		0.98		

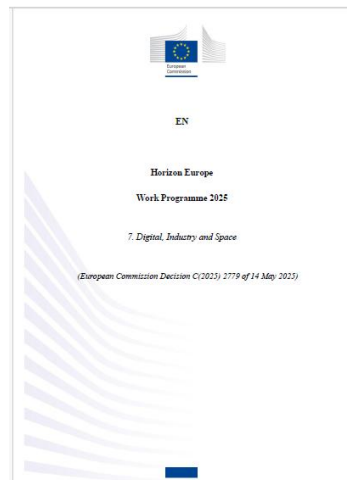
- 5. Aplicaciones de Navegación y oT
 - **IA** (TRL7-9 + Business plan)
 - **Lump Sum**
 - Synergies with Cluster3



2 entidades de 2 MS/AC de tipo crisis or security practitioner

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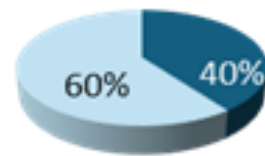
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AL FINAL DEL PROGRAMA DE TRABAJO 2026-2027

ALREDEDOR DEL 60% DEL PRESUPUESTO DE ESPACIO



HORIZON-EUSPA-2026-SPACE-03

N. TOPICS: 1

PRESUPUESTO: 0,98 M€

APERTURA: 14 octubre 2026

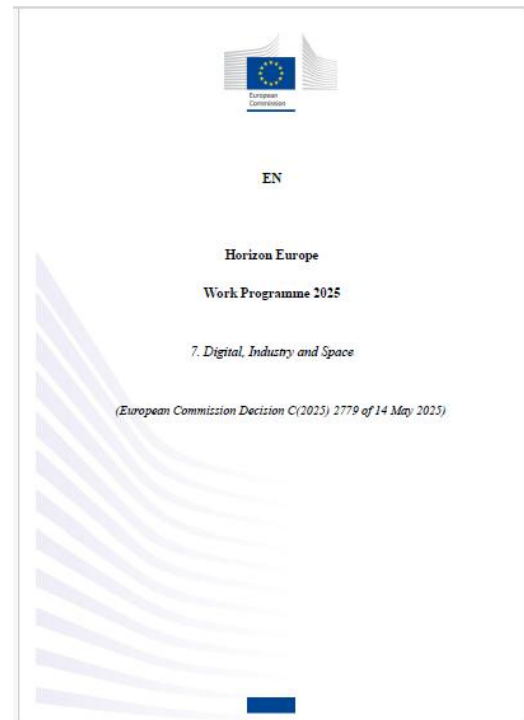
CIERRE: 17 Febrero 2027

Programa de Trabajo 2025



**QUEDA UNA CONVOCATORIA
QUE CIERRA EL 24 DE FEBRERO**

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2025/wp-7-digital-industry-and-space_horizon-2025_en.pdf



CONVOCATORIA **EUSPA**: HORIZON-CL4-2026-EUSPA-SPACE

HORIZON-EUSPA-2026-SPACE-03

Overview of this call

Proposals are invited against the following Destinations and topic(s):

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ²⁴⁷	Indicative number of projects expected to be funded
		2025		
Opening: 14 Oct 2025				
Deadline(s): 16 Feb 2026 24 FEBRERO				
Heading 7 - Using Space on Earth – Services & Data coming from satellites, both Earth Observation and navigation				
HORIZON-EUSPA-2026-SPACE-02-51: Space Data Economy	IA	10.00 ²⁴⁸	1.50 to 2.50	5
HORIZON-EUSPA-2026-SPACE-02-52: Innovative space-based applications enhancing capabilities for a resilient	IA	5.00 ²⁴⁹	1.50 to 1.80	4

- 5. Aplicaciones de Navegación y oT
 - IAs (incluir **Business Plan**)
 - **Lump Sum**



2 entidades de 2 MS/AC de tipo crisis or security practitioner



HORIZON-EUSPA-2026-SPACE-03

N. TOPICS: 2

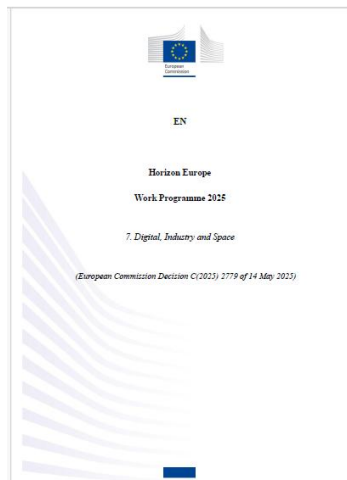
PRESUPUESTO: 15 M€

APERTURA: 14 octubre 2025

CIERRE: **24 Febrero 2026**

INDICE PT 2025 (OTHER ACTIONS ~~NOT SUBJECT TO CALL FOR PROPOSALS~~)

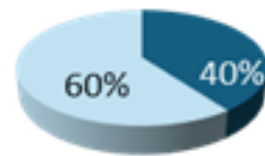
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AL FINAL DEL PROGRAMA DE TRABAJO 2025

ALREDEDOR DEL 60% DEL PRESUPUESTO DE ESPACIO



HORIZON-EUSPA-2026-SPACE-03

N. TOPICS: 2

PRESUPUESTO: 15 M€

APERTURA: 14 octubre 2025

CIERRE: **24 Febrero 2026**

RESUMEN CONVOCATORIAS 2026



HORIZON-EUSPA-2026-SPACE-03

N. TOPICS: 2

PRESUPUESTO: 15 M€

APERTURA: 14 octubre 2025

CIERRE: 24 Febrero 2026



PT 2025

OTHER ACTIONS



HORIZON-CL4-2026-03

N. TOPICS: 8

PRESUPUESTO: 90,97 M€

APERTURA: 10 marzo 2026

CIERRE: 3 Septiembre 2026



PT 2026-2027

DESTINO “ESPACIO”

OTHER ACTIONS



HORIZON-EUSPA-2027-SPACE-03

N. TOPICS: 1

PRESUPUESTO: 0,98 M€

APERTURA: 14 octubre 2026

CIERRE: 17 Febrero 2027



¡ÚNETE A NOSOTROS!



- @HorizonteEuropa
- Canal de Telegram
- RSS
- ESHorizonte2020



- Poner el ratón sobre el canal de tu interés
- Botón derecho y “copiar dirección de enlace”
- Ir a tu lector de noticias y añadir el enlace en “añadir fuente”

Información

SUSCRIPCIÓN A LAS LISTAS DE CDTI DE DISTRIBUCIÓN DE INFORMACIÓN POR E-MAIL NUEVAS LISTAS LAS ANTIGUAS DEJARÁN DE FUNCIONAR HAY QUE VOLVER A INSCRIBIRSE



PASO 1

- Acceda a <https://www.cdti.es/listas-de-distribucion>
- **"REINICIALIZAR SU CONTRASEÑA"**
- (A la derecha, después del texto de introducción)
- Mensaje con un enlace para *nueva* contraseña
- NECESARIO también para inscritos en antiguas listas

Cluster 4 - Mundo Digital, Industria y Espacio

☐ Programa Marco: Digital
Información sobre el área Digital del Cluster 4 de HE y otras iniciativas (UE relacionadas)

☐ Programa Marco: Industria
Información sobre el área de Industria del Cluster 4 de HE y otras iniciativas (UE relacionadas)

☒ Programa Marco: Espacio
Información sobre el área de Espacio del Cluster 4 de HE y otras iniciativas (UE relacionadas)

Cluster 5 - Clima, Energía y Movilidad

SUSCRIBIRME

Nueva web CDTI

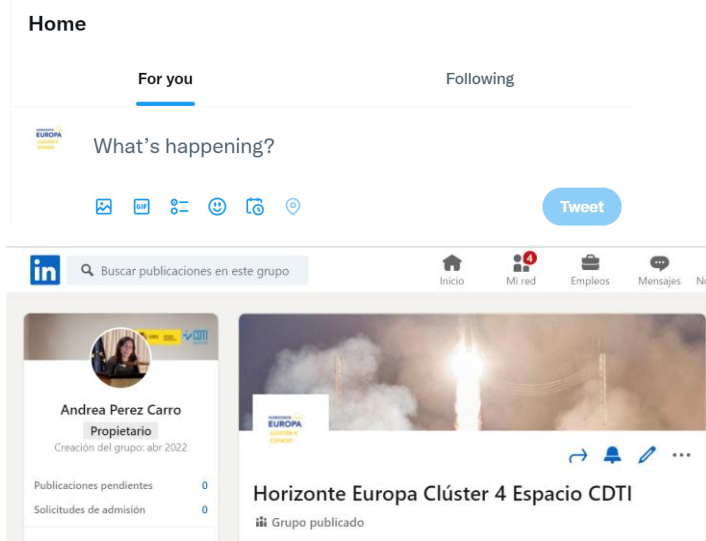
<https://www.cdti.es>



PASO 2

- Suscribirse a la lista de espacio haciendo Tick en **Clúster 4 - Mundo Digital, Industria y Espacio: - Programa Marco: Espacio**
- Click en **"Suscribirse"** (al final de las listas)

... o puedes seguirnos en X y LinkedIn



@HE_Espacio_CDTI



<https://www.linkedin.com/groups/12645353/>

EVENTOS

- 26 de Enero -> Infoday Nacional
 - Presentaciones en:
 - https://eventos.cdti.es/agenda/20260126_InfodayCL4_Espacio
- 29 de Enero → European Horizon Europe Infoday
 - Grabación en:
 - <https://www.youtube.com/watch?v=EDWOHSM2aG8>

Partenariado co-programado de espacio (Topics Heading 3)

ASOCIACIONES FUNDADORAS

ASD-EUROSPACE
The Space group in ASD

SME4SPACE

EASTRO



SRIA: Strategic Research & Innovation Agenda

(Coordinated guidance under EU R&I)

PRESENTATION: 4-5 June Brussels

<https://digital-space-ecosystem.eu/events/default/space-partnership-sria-update-outreach-event/N0xRL8QPmd>

More information on the Space Partnership and the Partnership SRIA
at the SPACE Aisbl website: <https://www.space-aisbl.org>

Register to the SRIA outreach event at the **Digital EU Space Ecosystem Partnership Hub**



<https://digital-space-ecosystem.eu>

- Partenariado
- Hubs en la Plataforma Digital EU



- 
- European Commission | EU F&T Portal



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Más información: NCPs ESPACIO



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ripaca@inta.es

- Organización de Infodays, talleres de coordinadores...
- Revisiones de las propuestas
- Búsqueda de socios
- Contactos en otros clústeres y programas



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



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