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Clúster 5- Clima en Horizonte Europa



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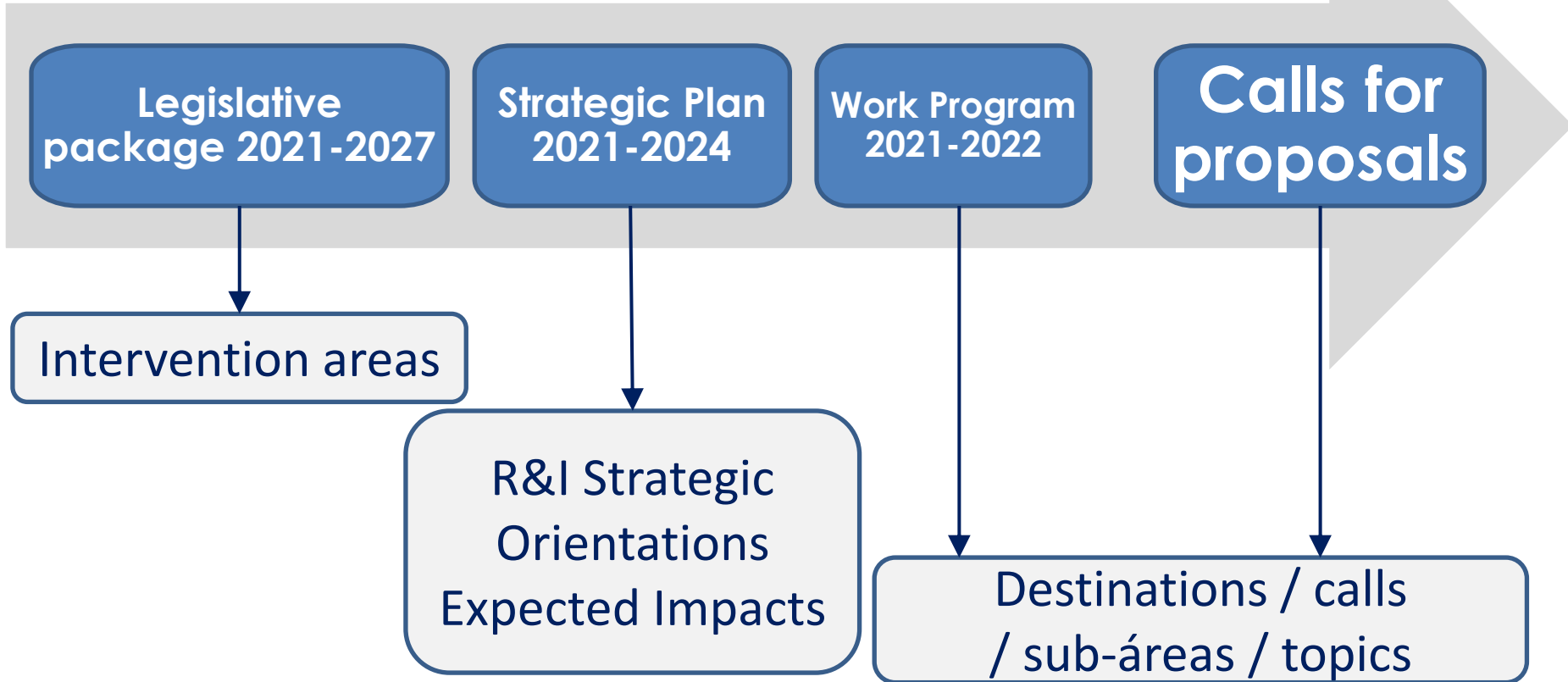


@JCGarcia_CDTI

¿Dónde encontramos el Clúster 5?



De la base legal a las convocatorias



ESTRUCTURA CLUSTER 5-CLIMA

The image features a dramatic seascape under a heavy, dark sky. The sky is filled with large, dark, textured clouds, with some lighter patches where light breaks through. The sea is calm and reflects the dark tones of the sky. In the distance, a port or harbor is visible, with several tall cranes or masts silhouetted against the horizon. The overall mood is somber and atmospheric.

Áreas de intervención en Clúster 5

**Climate Science
and Solutions**

Energy Supply

**Energy Systems
and Grids**

**Buildings and
Industrial
Facilities in
Energy Transition**

**Communities and
Cities**

Energy Storage

**Industrial
Competitiveness
in Transport**

**Clean, safe and
accesible
Transport and
Mobility**

Smart Mobility

Áreas de intervención en Clúster 5

Climate Science and Solutions

Knowledge base on earth-climate and living systems, as well as associated impacts, risks, and climate-responsible opportunities

Effectiveness of different climate mitigation and adaptation solutions

Integrated climate neutral pathways, mitigation actions and policies covering all sectors in the economy

Climate models, projections and techniques aiming to improve predictive capacity and climate services

Adaptation pathways and support policies

Improve risk assessment tools

Áreas de intervención en Clúster 5

D1 – **Climate sciences and responses** for the transformation towards climate neutrality

Clima

D2 – **Cross-sectoral solutions** for the climate transition

Transversal a las 3 áreas

D3 – Sustainable, secure and competitive **energy supply**

Energía

D4 – Efficient, sustainable and inclusive **energy use**

Energía

D5 – Clean and competitive **solutions for all transport modes**

Movilidad

D6 – Safe, Resilient **Transport and Smart Mobility services** for passengers and goods

Movilidad

Destination 1 Climate sciences and responses for the transformation towards climate neutrality



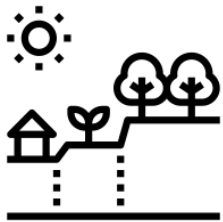
D1(01)– Call Climate sciences and responses-TS



2022-D1-01-01: Carbon Dioxide Removal (CDR) approaches



2022-D1-01-02: Socio-economic risks of climate change in Europe



2022-D1-01-03: Social science for land-use strategies in the context of climate change and biodiversity challenges

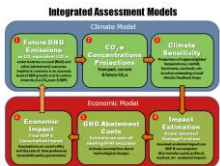
D1(02)– Call Climate sciences and responses-SS



2022-D1-02-01: Verification and reconciliation of estimates of climate forcers



2022-D1-02-02: Development of high-resolution Earth system models for global and regional climate change projections

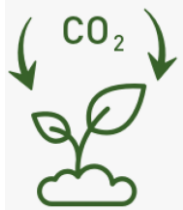


2022-D1-02-03: Improvement of Integrated Assessment Models in support of climate policies

D1(02)– Call Climate sciences and responses-SS



2022-D1-02-04: Supporting the formulation of adaptation strategies through improved climate predictions in Europe and beyond



2022-D1-02-05: Let nature help do the job: Rewilding landscapes for carbon sequestration, climate adaptation and biodiversity support

El equipo de Clúster 5 (Clima)



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