

HORIZONTE **EUROPA**

Clúster 5: Clima, Energía y Movilidad Parte Clima



@CDTIoficial



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Retos Mundiales y Competitividad Industrial Europea
Clúster 5: Clima, Energía y Movilidad – Parte de Clima

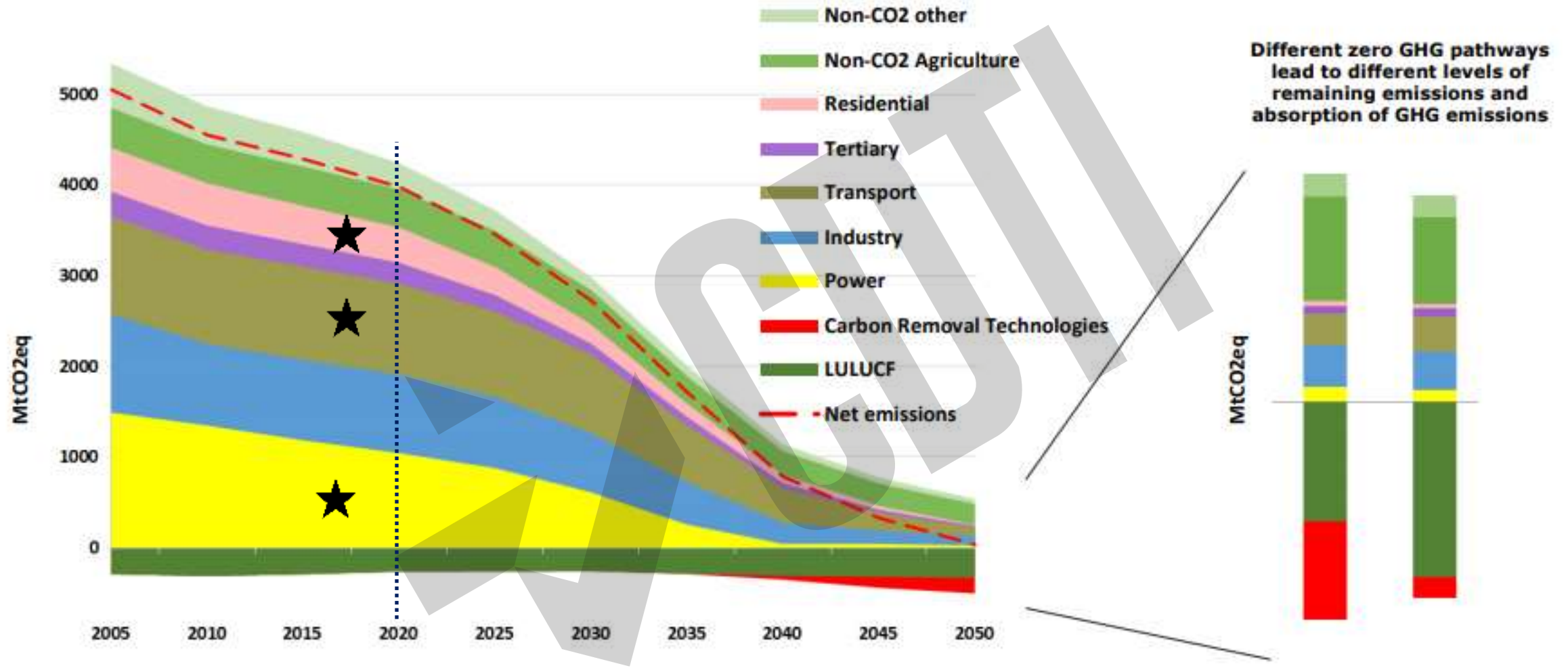
ADVERTENCIA

Información PROVISIONAL
Sujeta a cambios

Índice de contenidos

- Del Clúster 5: Clima, Energía y Movilidad
- Clúster 5: Clima, Energía y Movilidad

“Clean Planet by 2050” - Visión



Índice de contenidos

- **Del Clúster 5: Clima, Energía y Movilidad**
- Clúster 5: Clima, Energía y Movilidad

¿Dónde encontramos el Clúster 5?



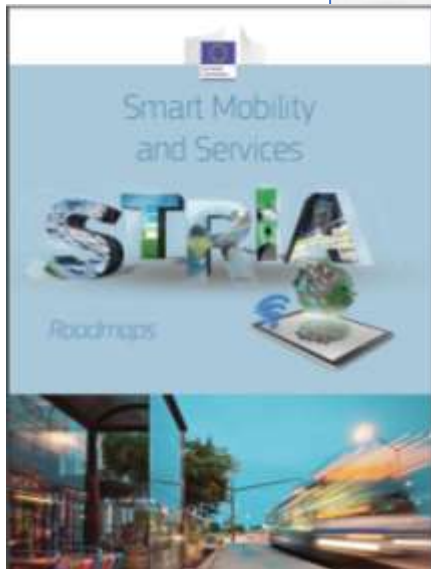
Clúster 5. Compromisos, Políticas, Iniciativas...



An Economy that Works for People

A Europe fit for the Digital Age

.....y otras



De Horizonte 2020 a Horizonte Europa

Reto Social 3

Energía limpia, segura y eficiente

Reto Social 4

Transporte inteligente, ecológico e integrado

Reto Social 5

Acción por el clima, Medio Ambiente, Eficiencia de los recursos y Materias Primas (*algunas áreas*)

CLÚSTER 5

CLIMA, ENERGÍA Y MOVILIDAD

Horizonte Europa: desde la Base Legal....



Áreas de Intervención en el Clúster 5



....pasando por el Plan Estratégico....



Impactos Esperados del Clúster 5

Transition to a climate-neutral and resilient society and economy

Clean and sustainable transition of the energy and transport sectors towards climate neutrality

More efficient, clean, sustainable, secure and competitive energy supply

Efficient and sustainable use of energy, accessible for all

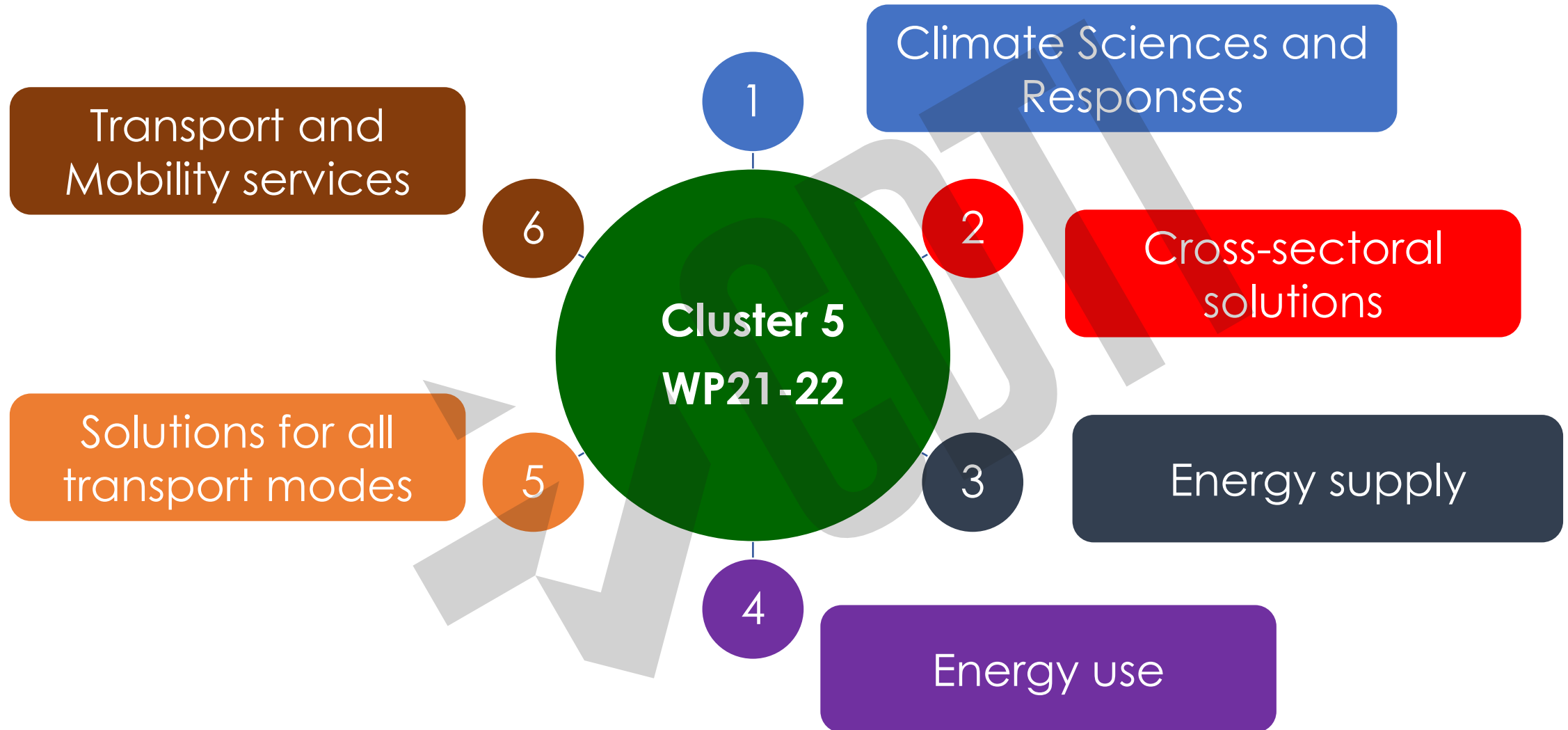
Towards climate-neutral and enviromental friendly mobility

Safe, seamless, smart, inclusive, resilient, climate neutral and sustainable mobility systems for people and goods

....hasta llegar al Programa de Trabajo



....en el que aparecen 6 “Destinations”



“Matching Impacts and Destinations”

Strategic Plan (2021-2024)

Transition to a climate-neutral and resilient society and economy



• D1 – Climate science and responses

Clean and sustainable transition of the energy and transport sectors towards climate neutrality



• D2 – Cross sectoral solutions

More efficient, clean, sustainable, secure and competitive energy supply



• D3 – Energy supply

Efficient and sustainable use of energy, accessible for all



• D4 – Energy use

Towards climate-neutral and environmental friendly mobility



• D5 – Solutions for all transport modes

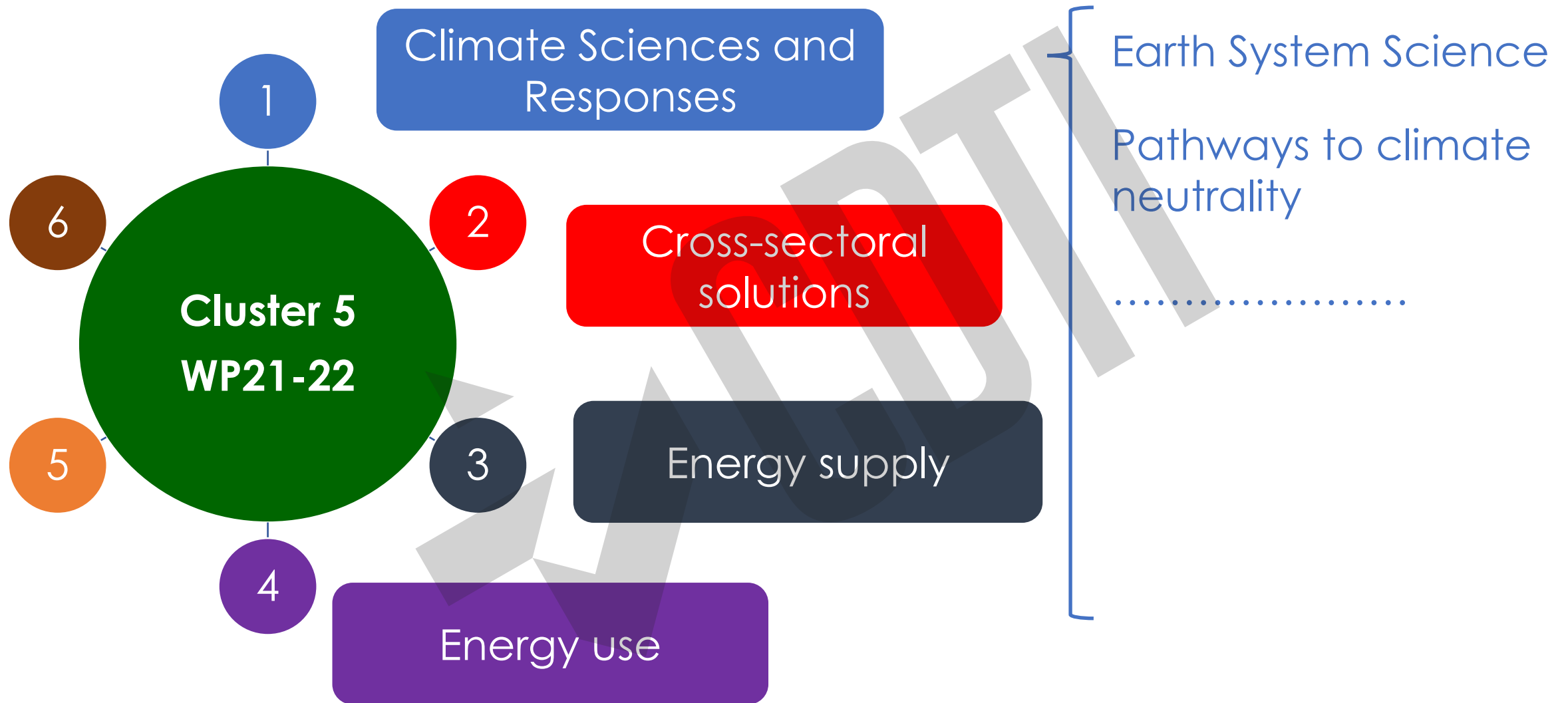
Safe, seamless, smart, inclusive, resilient, climate neutral and sustainable mobility systems for people and goods



• D6 – Transport and mobility services

WP 2021-2022

....y con distintos “Topics” en cada “Destination”



Del Clúster 5 y los partenariados (“candidatos”)

**1st Strategic Period
2021- 2024**

CLIMATE, ENERGY AND MOBILITY

- Transforming Europe's rail system
- Integrated Air Traffic Management
- Clean Aviation
- Clean Hydrogen
- Built4People
- Towards zero-emission road transport
- Connected and Automated Driving
- Zero-emission waterborne
- Industrial Battery Value Chain
- Clean Energy Transition
- Driving urban transition to a sustainable future (DUT)

Misiones en el Clúster 5

Healthy **OCEANS,
SEAS, COASTAL
and INLAND
WATERS**

Adaptation to **CLIMATE
CHANGE**, including **SOCIETAL
TRANSFORMATION**

CANCER

SOIL Health and
Food

Climate-neutral
and smart **CITIES**

**Mission
Areas**

A central blue rounded rectangle labeled "Mission Areas" is connected by green lines to five circular icons. The icons are: 1. Top: A globe with a thermometer, representing climate change. 2. Top-right: A hand holding a heart with a pulse line, representing cancer. 3. Bottom-right: A green plant growing from soil, representing soil health and food. 4. Bottom-left: A city street with a yellow car and a person, representing smart cities. 5. Left: A blue water drop over waves, representing oceans, seas, coastal and inland waters. Two red-bordered boxes contain additional text: "Adaptation to CLIMATE CHANGE, including SOCIETAL TRANSFORMATION" (top right) and "Climate-neutral and smart CITIES" (bottom left). A large, faint "WU" watermark is visible in the background.

A tener en cuenta en el Clúster 5....

- Temas “cross-cutting” en Horizonte Europa
- Implementación.-
 - **WP 2021-2022**
 - **Partenariados**
 - **Misiones**



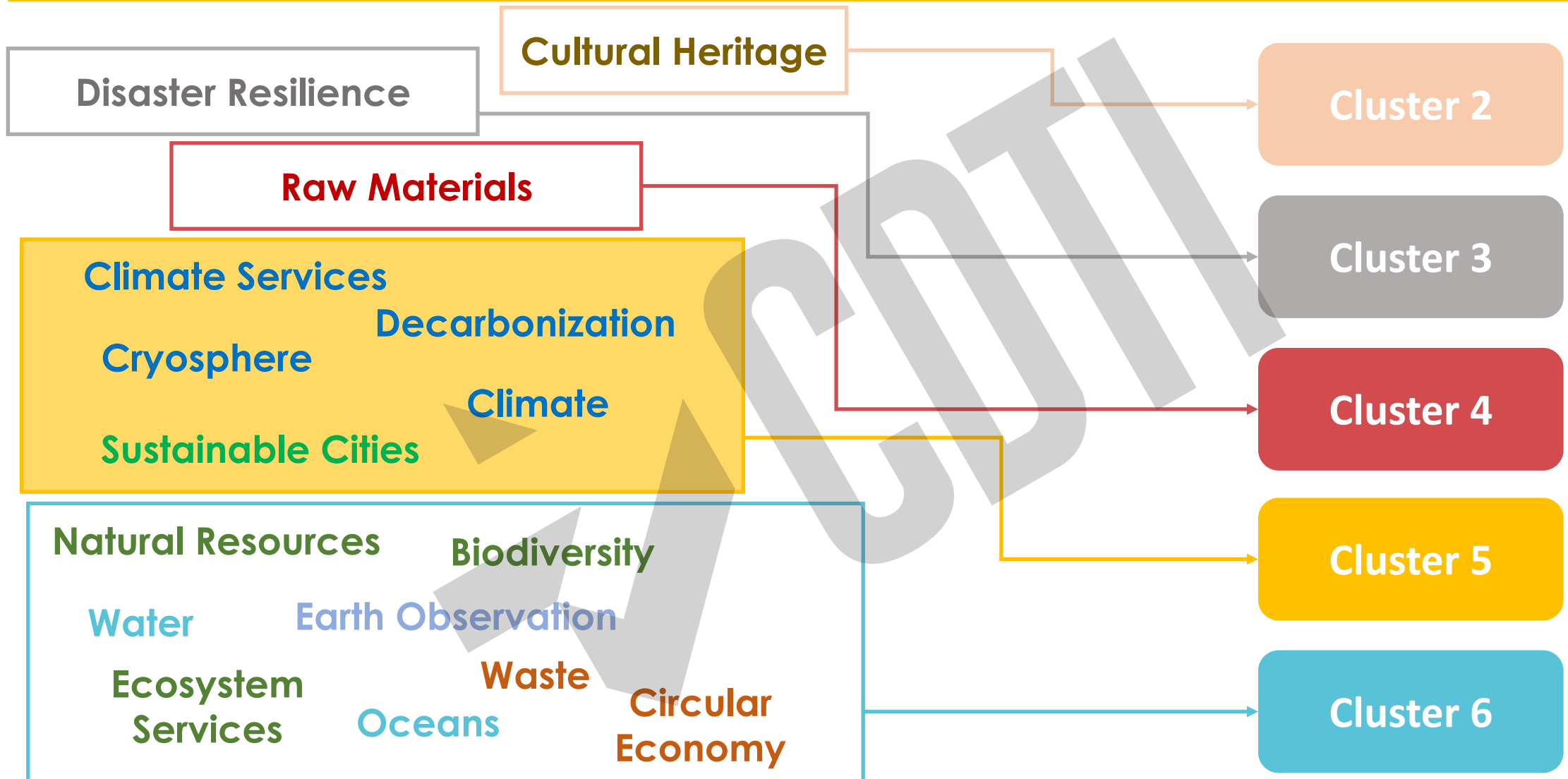
IMPORTANTE!!!! No perdamos de vista todas las oportunidades

Índice de contenidos

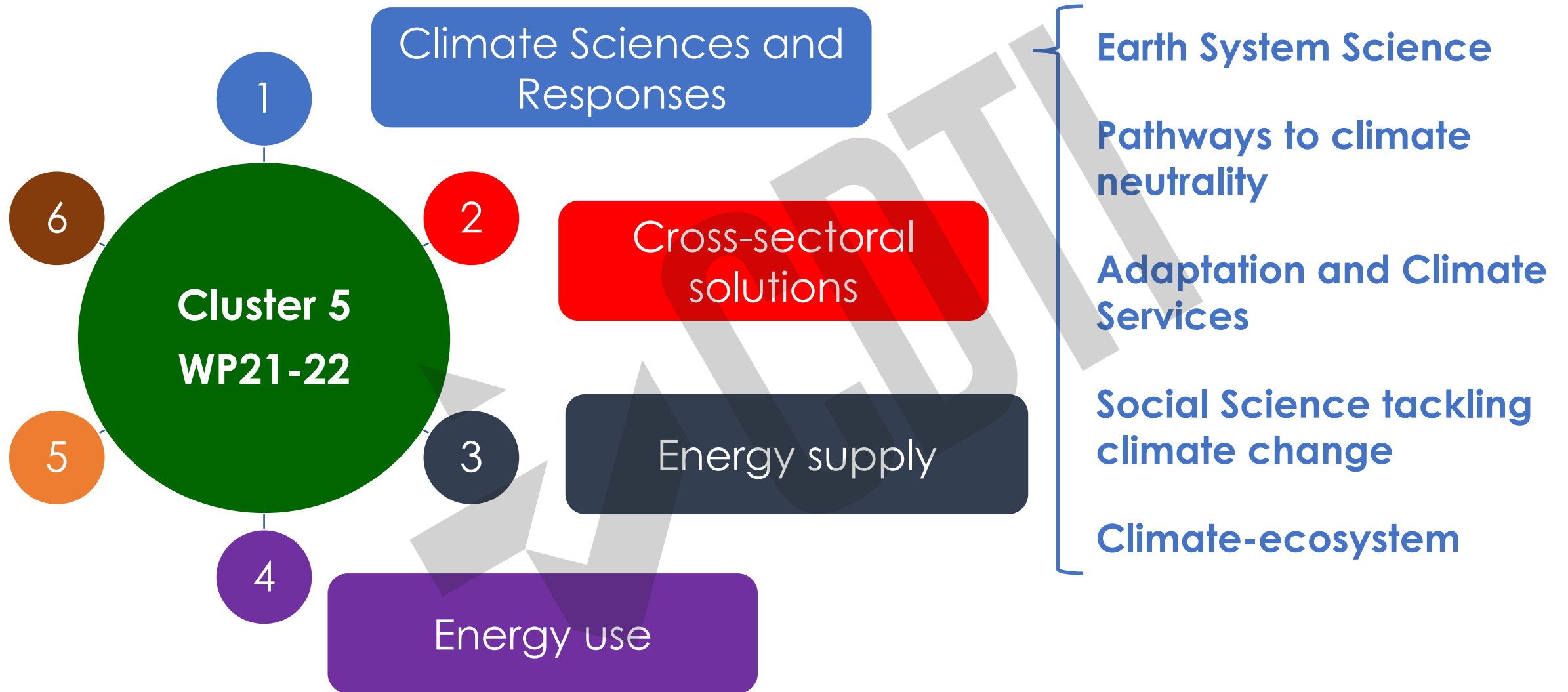
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H2020 - Reto Social 5

Horizonte Europa



En el “Destination 1”....



Misiones en el Clúster 5

Healthy OCEANS,
SEAS, COASTAL
and INLAND
WATERS



Adaptation to **CLIMATE CHANGE**, including **SOCIETAL TRANSFORMATION**

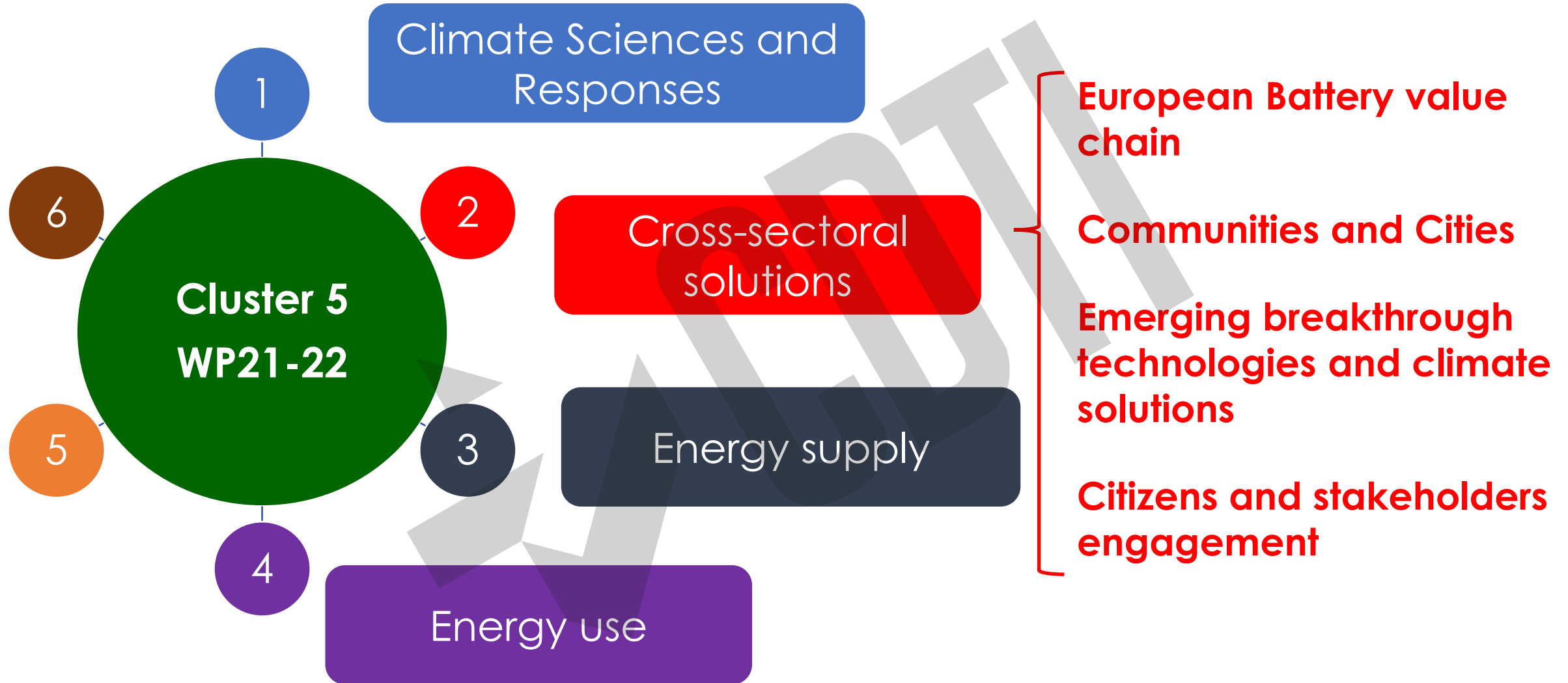


A Climate Resilient Europe by 2030

The Mission will:

- **prepare** Europe to deal with climate disruptions;
- **accelerate** the transformation to a climate resilience, healthy and prosperous future within safe planetary boundaries;
- and **build** deep resilience by scaling up solutions triggering societal transformations.

En el “Destination 2”



A tener en cuenta que la Acción por el Clima....

- “Cross-cutting” en Horizonte Europa (35% “budgetary target”) → oportunidades en **otros “Destinations”** y/o....
....**en otros Clústeres.**
- Implementación: **WP 2021-2022** y Misión de **Adaptación al Cambio Climático incluyendo la Transformación Social**



IMPORTANTE!!!! Aprovechemos las oportunidades

Apoyo al participante

Clúster 5 – Clima



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