



IMPETUS

Resilience knowledge boosters for elaborating adaptation and mitigation measures to minimize the effects of climate change

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eurecat



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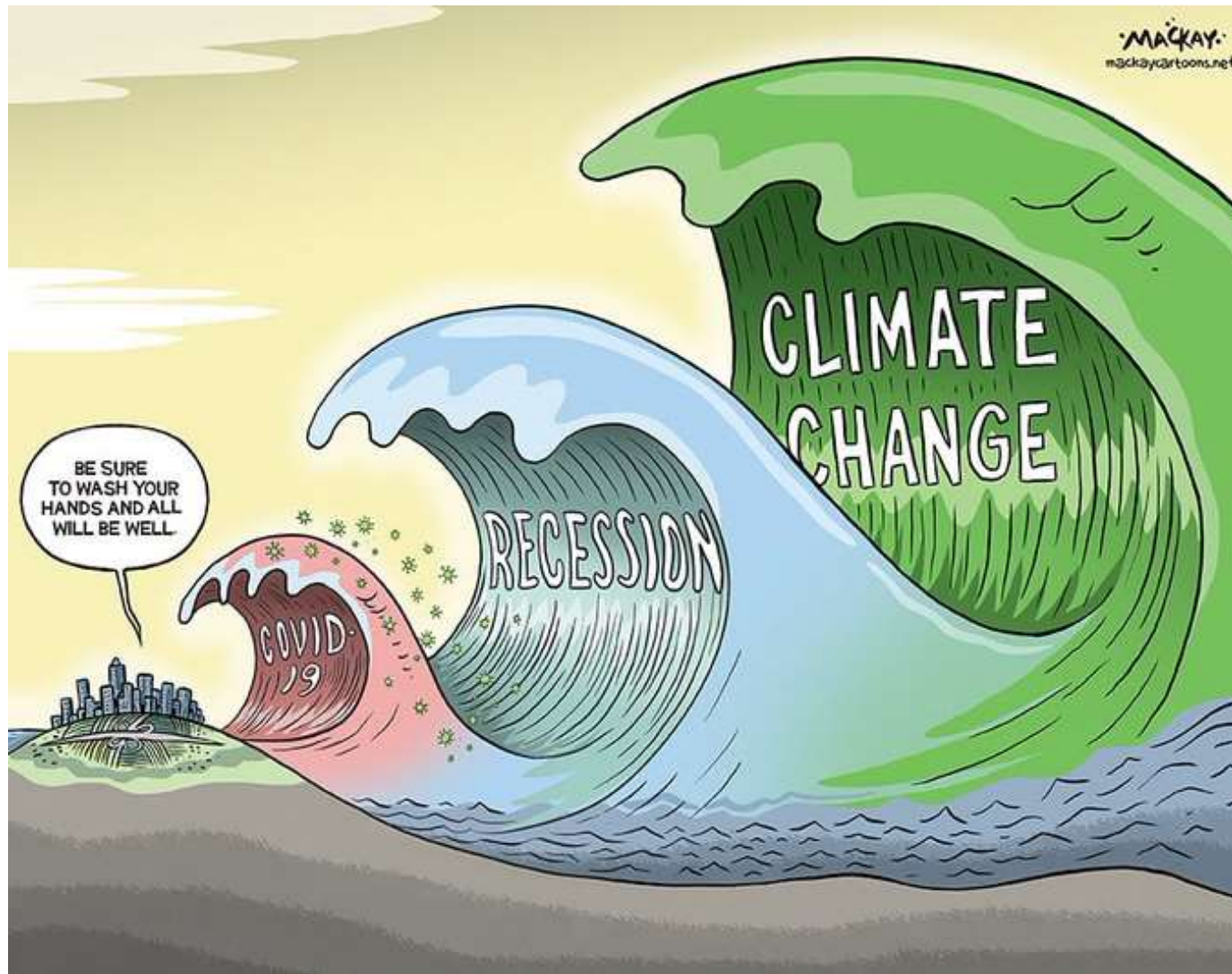
IMPETUS

Turning climate commitments into action

**Action to protect
communities and
the planet**

**Better informed
decision-making**

**Supporting
vulnerable sectors
and businesses**



93%
of Europeans
consider climate change
a serious problem

2015-2020
the hottest years on
record

Adaptation
is key strategy

Cartoon: Graeme MacKay,
mackaycartoons.net

Climate change impacts on the wine sector

Rain & hail

- damage & disease

Heat & drought

- fire & pest species

Narrow range

- heat / precipitation balance

Image: Andrea Cairone,
unsplash.com

Better informed decision making - key challenge is adaptation!



Image: Markus Spiske,
unsplash.com



Image: Brett Jordan,
unsplash.com

Supporting vulnerable sectors and businesses - more resilience

Challenges
to livelihoods
& assets

**Economy
and
Ecology**

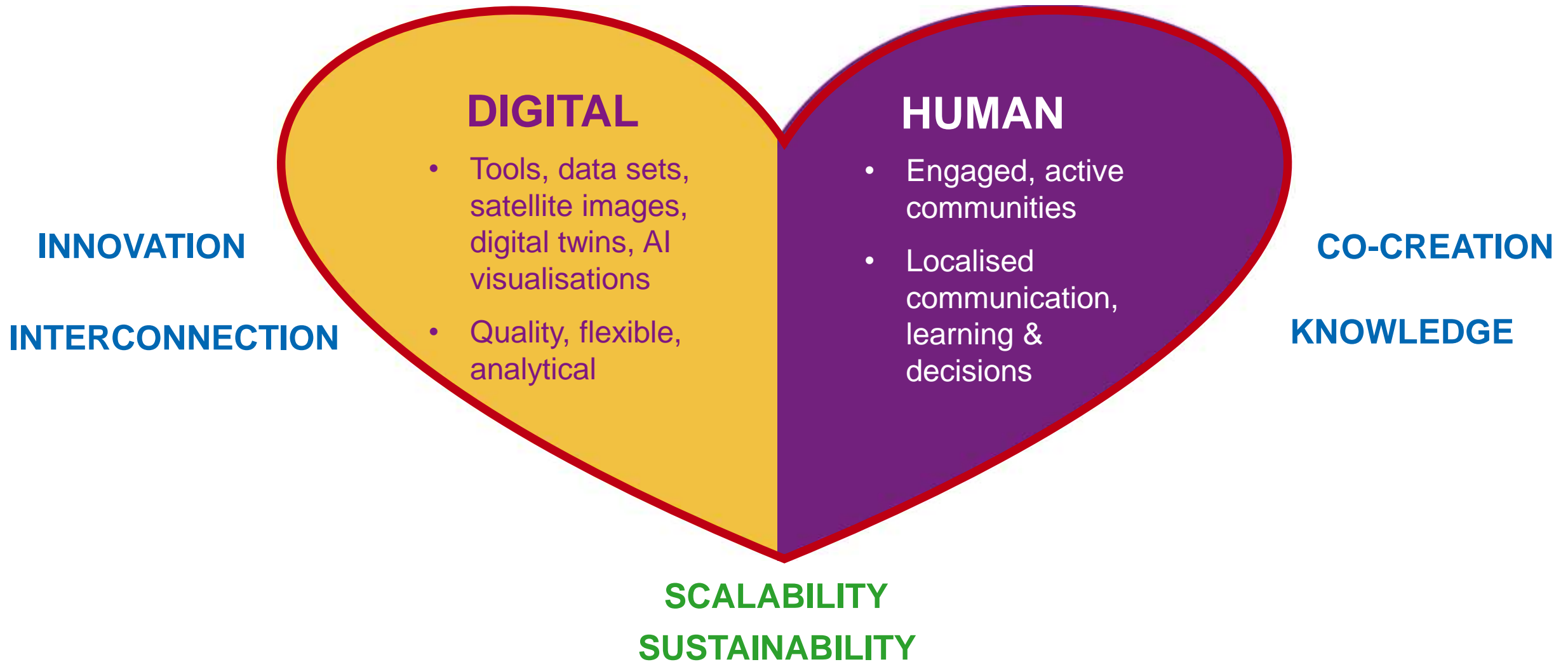
Innovation
technical &
non-technical



Boosting knowledge about resilience – the heart of IMPETUS



Boosting knowledge about resilience – the heart of IMPETUS



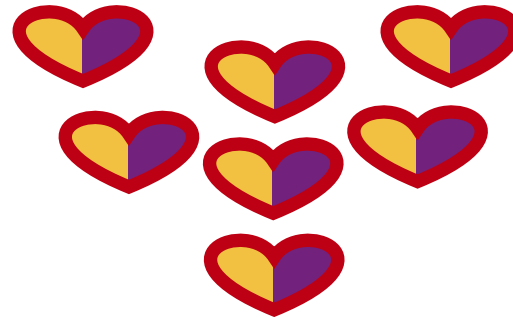
Boosting knowledge about resilience – the heart of IMPETUS

METHODOLOGIES

SOLUTIONS

ADAPTATION PATHWAYS

GUIDELINES



BUSINESSES

FINANCE SECTOR

POLICY MAKERS

RESEARCHERS

LONG-TERM LEGACY

Better informed decision-making delivering a targeted climate response



'Resilience Knowledge Boosters' in more detail

European & International Climate Adaptation Strategy

National & Transboundary Climate Adaptation Strategy

Regional Climate Adaptation Strategy

Local Climate Adaptation Strategy

- European & International strategic goals
- Transboundary RKBs, Innovation packages & adaptation pathways
- Knowledge-base of Evidence, Good practices
- Cross-national impact assessment models and solutions
- Quintuple Helix stakeholder participation

UPSCALING | FEDERATED RKBs

- Local-regional RKBs for decision-making
- Regional Economic Schemes
- Implementation of R&I solutions
- Specific innovation Packages & Adaptation Pathways
- Risk Assessment models and tools
- Consensus decisions, win-win solutions
- Quintuple Helix stakeholder participation

The solution: overall approach

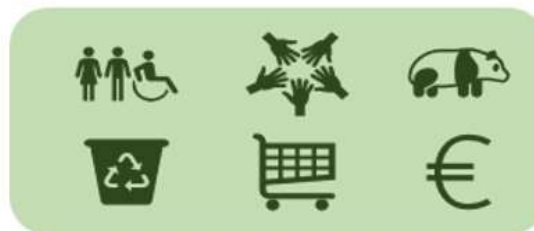
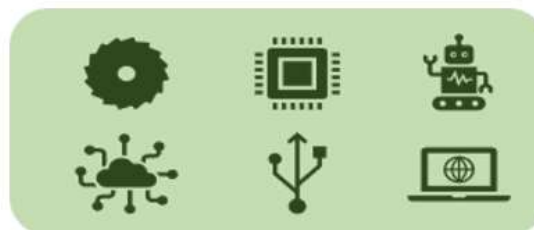
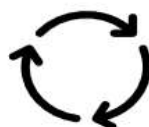
Resilience Knowledge Boosters

Local & regional



Quintuple Helix
stakeholders

Design | co-create | monitor
| adjust | (re)design



Adaptation pathways

Policy responses and solution portfolio



Innovation Packages

One per each demo-site

- **Synergetic with KCS** and other social concerns.
- **Risk assessment and cost-benefit analyses.**
- **Sustainable**, stakeholder-agreed.
- **Socially relevant**, elicits behavioural change.
- **Dynamic management** for impact assessment and fast rectification.

Open data space | Transboundary RKBs for multiple governance levels

Climate adaptation & mitigation in all EU biogeographical regions



Arctic

Troms & Finmark, NO



Atlantic

Zeeland & Rijnmond, NL



Boreal

Zemgale region, LV



Coastal

Catalonia, ES



Continental

Berlin metropolitan region, DE



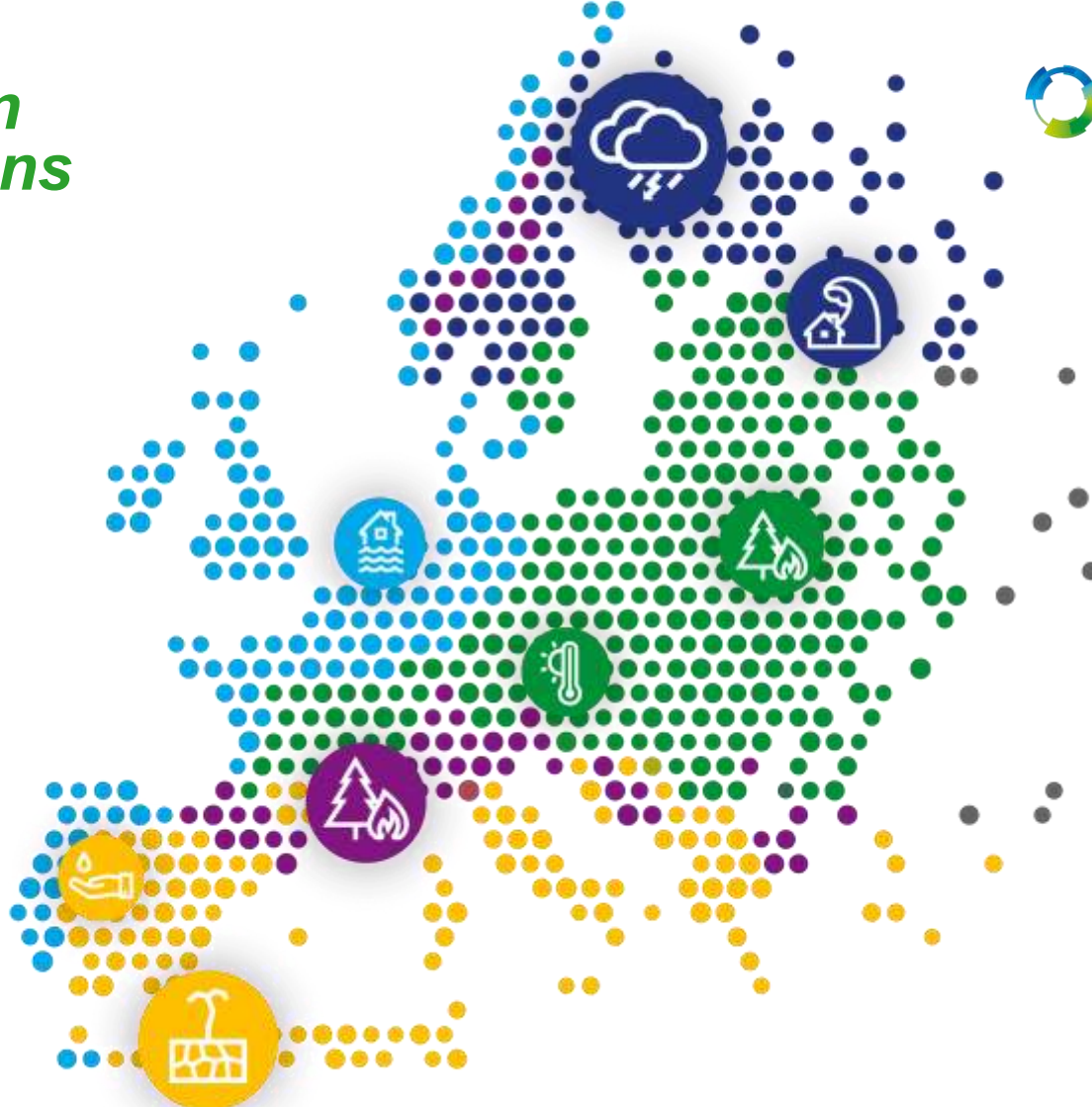
Mediterranean

Attica region, GR



Mountainous

Valle dei Laghi, IT





MOUNTAINS
Valle dei Laghi

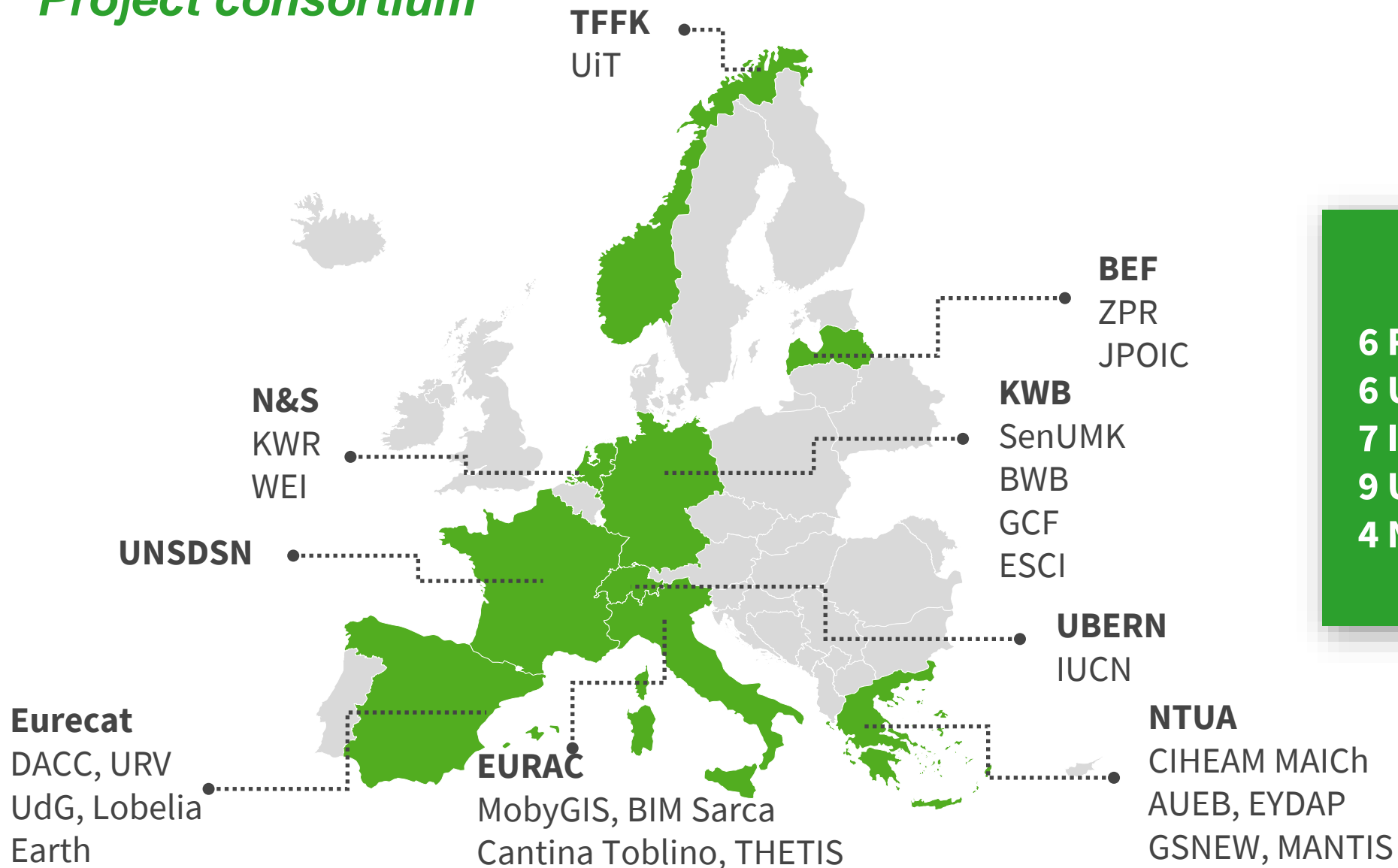


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Project consortium



6 RTOs
6 Universities
7 Industrial Actors
9 Utilities & Authorities
4 NGO & Associations





MORE VIDEOS



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Thank you

Any questions?

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