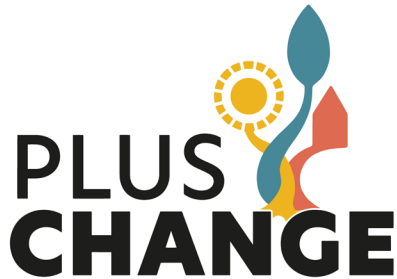


Welcome to today's “1st Science-EU Policy Dialogue”

14 April 2024, 10-12 (CET) online

Jointly organized by the three Horizon Europe sister projects





Agenda –16 Apr 2024 - first part

10:00 Official Welcome

(Prof Walter Leal, Hamburg University of Applied Sciences, Research and Transfer Centre Sustainable Development and Climate Change Management, Germany)

10:05 Welcoming Words – EU Mission on [Adaptation to climate change \(europea.eu\)](https://europea.eu)

(Federico Porrà, Policy Officer – Climate, DG RTD – Climate and Planetary Boundaries (RTD.B3))

10:15 Towards sustainable land use + land management in Europe – introducing the Horizon Europe project Europe-LAND

(Franziska Wolf, Hamburg University of Applied Sciences, Germany)

10:30 Innovative and Effective Policies for Sustainable Land Use – introducing the Horizon Europe Project MOSAIC and the Policy Lab approach

(Dieter Cuypers, VITO, Belgium and Mónica Vidal, Eurosite, EU)

10:45 Meeting biodiversity, climate and social objectives in a changing world – introducing the Horizon Europe Project PLUS-Change

(Prof Julia Mildorfova Leventon, CzechGlobe, Czech Republic)



Agenda –16 Apr 2024 – second part

11:00 Introduction into the overall Science EU Policy Dialogue Process (by facilitator)

11:15 Parallel Co-Creation Sessions

- **ROOM A: EU projects; Expert facilitation:** Prof Julia Mildorfova Leventon, CzechGlobe, Czech Republic, Franziska Wolf, HAW Hamburg, Germany
- **ROOM B: EU representatives; Expert facilitation:** Dieter Cuypers, VITO, Belgium; Vincent O'Connell, PURPLE Network, Belgium
- **Technical facilitation:** *Jasmin Röseler, Dominique da Silva, Hamburg University of Applied Sciences, Germany*

11:50 Brief Summary of the day

- Rapporteur PLUSChange on Results Room A (Prof Julia Mildorfova Leventon, CzechGlobe, Czech Republic)
- Rapporteur MOSAIC on Results Room B (Dieter Cuypers, VITO, Belgium; Vincent O'Connell, PURPLE Network, Belgium)
- Outlook on upcoming results and follow-up action in 2025 (Franziska Wolf, Hamburg University of Applied Sciences, Hamburg)

12:00 Closing of the event



Welcome and today's objectives

Three European research projects, **Europe-LAND**, **MOSAIC** and **PLUS Change**, joined forces to reach out to policy makers particularly on European level, i.e. creating a dedicated large-scale **EU Science-Policy Dialogue platform** to bring together relevant land-use stakeholders with the aim to foster the mutual dialogue on sustainable land use and land management. By this, the projects want to enable all participants to

- improve the joint understanding of the different perspectives and needs of policy and science, also paying attention to civil society perspectives, on European land use, land management and closely related fields;
- explore existing needs, constraints and opportunities and to identify appropriate solutions to effectively address existing challenges both on research and policy-making levels; and
- propose suitable approaches and concrete settings for the design and co-creation of sustainable land use strategies in close collaboration with policy-makers.

We welcome 41 HE projects and 12 EU representatives today!



EUROPEAN UNION



EU MISSIONS

ADAPTATION TO CLIMATE CHANGE

*Federico Porrà
Policy Officer Climate
Mission Adaptation Secretariat
European Commission
RTD B3 “Climate and planetary boundaries”*

#EUmissions #HorizonEU #MissionClimate





EUCRA & the Communication on Managing Climate Risks



Scientific EEA report, published 11/03/2024, with a strong focus on cascading and compounding risks. The new go-to reference point for climate risks in Europe.

Key takeaways

- Climate risk drivers are accelerating: worse heatwaves, more downpours, floods and droughts, higher sea temperatures.
- Several risks are already critical level, almost all would become critical or catastrophic during the century.
- EU policy preparedness is lagging the speed of change in the climate risks.



1. **Introduction:** explains why urgent action is needed and how it builds on existing processes
2. **Analysis/climate science:** Provides a condensed selection of the evidence and the uncertainties, based on the EUCRA.
3. **Solutions space (provides key horizontal actions)**
 - 3.1. Improved governance
 - 3.2. Tools for empowering risk owners
 - 3.3. Harnessing structural policies
 - 3.4. Right preconditions for financing climate resilience
4. **Key actions in in main impact clusters**
 - 4.1. Natural ecosystems
 - 4.2. Water
 - 4.3. Health
 - 4.4. Food
 - 4.5. Infrastructure
 - 4.6. Economy
5. **Next steps**

More info [here](#)



Mission objective

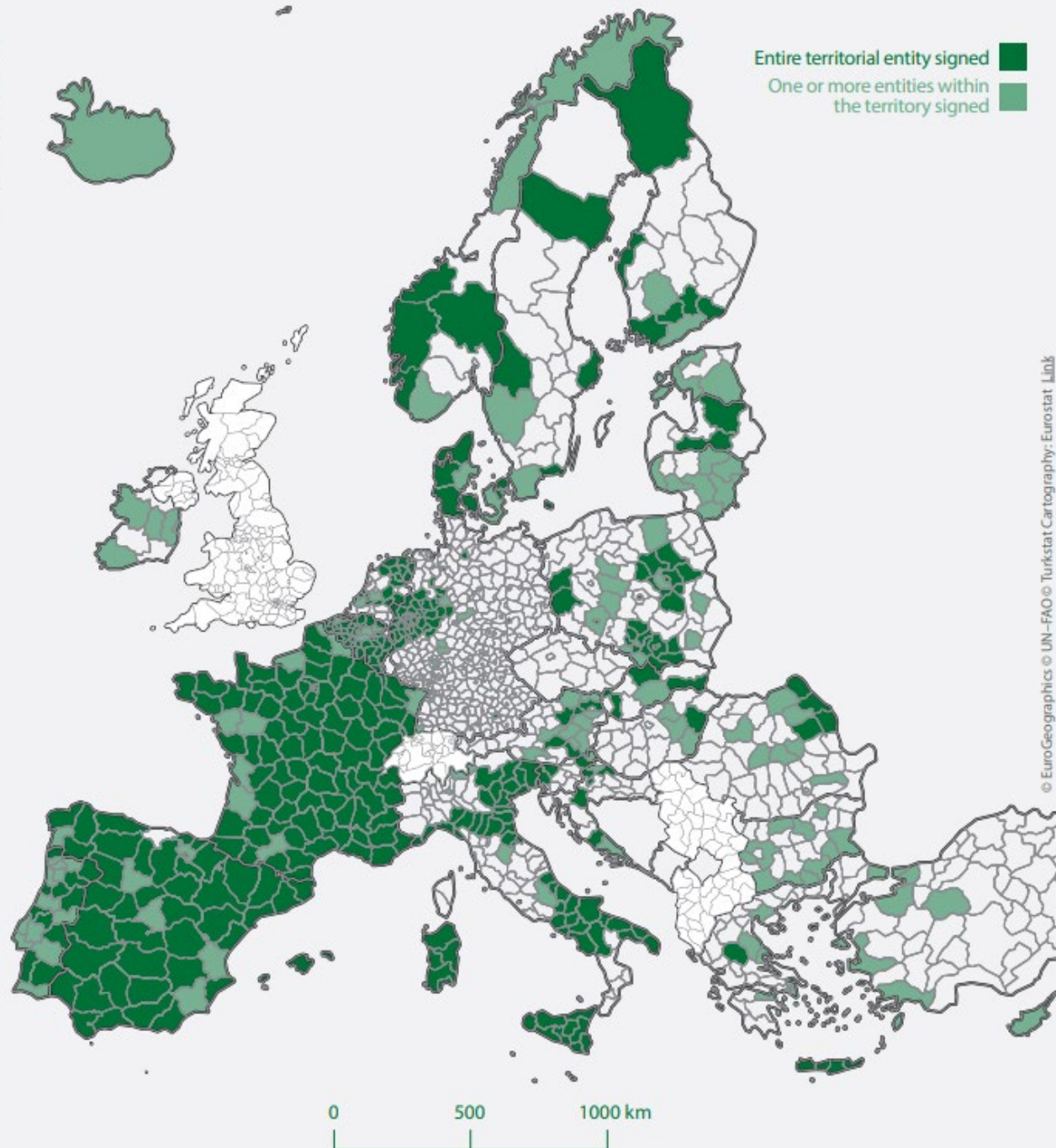
To accompany
by 2030 at
least 150
European
regions and
communities
towards
climate
resilience





MAP OF EUROPEAN CHARTER SIGNATORIES

EU Mission on Adaptation
to Climate Change



Madeira (PT)

Canary Islands (ES)

EU MISSIONS

ADAPTATION TO CLIMATE CHANGE



311 Mission Charter Signatories

- ✓ 294 EU regions and local authorities, from 25 EU Member States
- ✓ 17 regions and local authorities from countries associated to Horizon Europe

Factsheets:

[Meet the 311 signatories of the Mission Charter](#)

(latest version, December 2023)

[Analysis of information provided by the signatories of the charter of the Mission Adaptation to Climate Change](#)
(EU 2023)



Mission projects : approach (I)

Support to Regions

- **Mission implementation platform**
 - Technical assistance
 - Community of practice

- **Cascading funding**
 - (obj I) Climate risk assessment

(obj II) Adaptation pathways

- (obj III) Testing & demonstrating solutions - IA

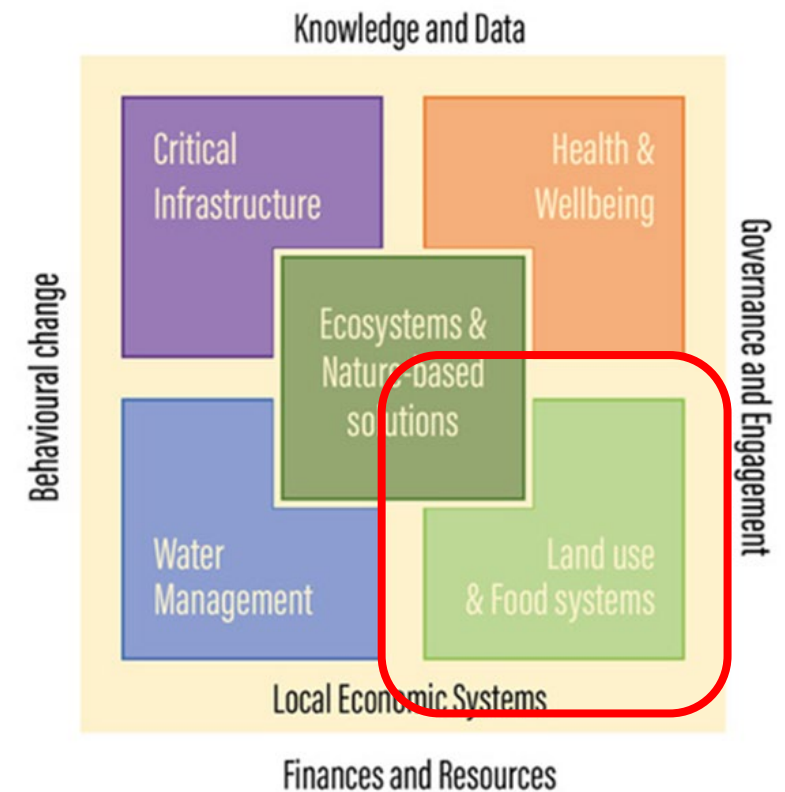
objectives





Mission Implementation Plan

- **Land use and food systems** → the Mission will aim to revive landscapes with diversified and climate resilient practices, to foster climate resilience of secure and sustainable food systems. The Mission will support the transition to a climate resilient food system by increasing the understanding and prediction of the climate risks and vulnerabilities in the food system, developing and testing new business models, promoting the use of new technologies, digitalisation, the upskilling of actors across value chains and the shift to more sustainable diets





EU Missions for an EU-level effort

Community of Practice

A diverse community

- *Charter Signatories*
 - *Friends of the Mission*
 - *Mission projects and their regions*
 - *Member State authorities and NCP*
 - *European institutions*
- **Knowledge sharing**
 - **Peer to peer learning**
 - **Experts talks**
 - **TWGs**

Mission Projects:

Mission-funded projects under Horizon Europe's dedicated budget for Mission Adaptation, and other adaptation projects from HE as well as other funding programmes (e.g. LIFE Programme, etc.)

→ projects working on land-use are joining and more are welcomed



Dissemination of Projects' outputs

- **Online Community of Practice**
 - Forum: [“Sharing external events”](#).
 - Calendar of events: Contact [helpdesk](#).
- **MIP4Adapt Monthly Newsletter**
 - Share your events, surveys, articles, funding windows!
 - Submit content for the newsletter [here!](#)
 - Or contact Fiona Smyth (Fiona.Smyth@ricardo.com) directly.

Mission Implementation Platform for Climate Adaptation - MIP4Adapt



November 2023 Newsletter

Finding the heat-spot: Tracking and pre-empting wildfires, droughts and floods in Greece and beyond

Mission project, IMPETUS, has published an article exploring the solutions available to combat harsh climate events such as wildfires, flash floods and extreme temperatures.



Upcoming events

Resilient Europe: Empowering regions for climate adaptation

Join the Pathways2Resilience (P2R) launch conference and help shape a common vision for regional climate adaptation. The event will explore how regions successfully implement the EU Mission and what

**EMPOWERING
REGIONS FOR CLIMATE
ADAPTATION**
Pathways2Resilience
launch event



EUROPEAN UNION

EU MISSIONS

ADAPTATION TO CLIMATE CHANGE



- [EU Mission on Adaptation to Climate Change Portal \(europa.eu\)](#)
- [Thematic webpage Commission: Mission on Adaptation to climate change \(europa.eu\)](#)
- [You can follow us by subscribing](#) to the monthly Mission Newsletter

Thank you!

#EUmissions

#HorizonEU

#MissionClimate

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14 March 2024, online

Speaker:

**Franziska Wolf, Hamburg University of
Applied Sciences, Germany**



**“Introducing the Horizon Europe project
“Towards Sustainable Land-use Strategies in
the Context of Climate Change and Biodiversity
Challenges in Europe”**





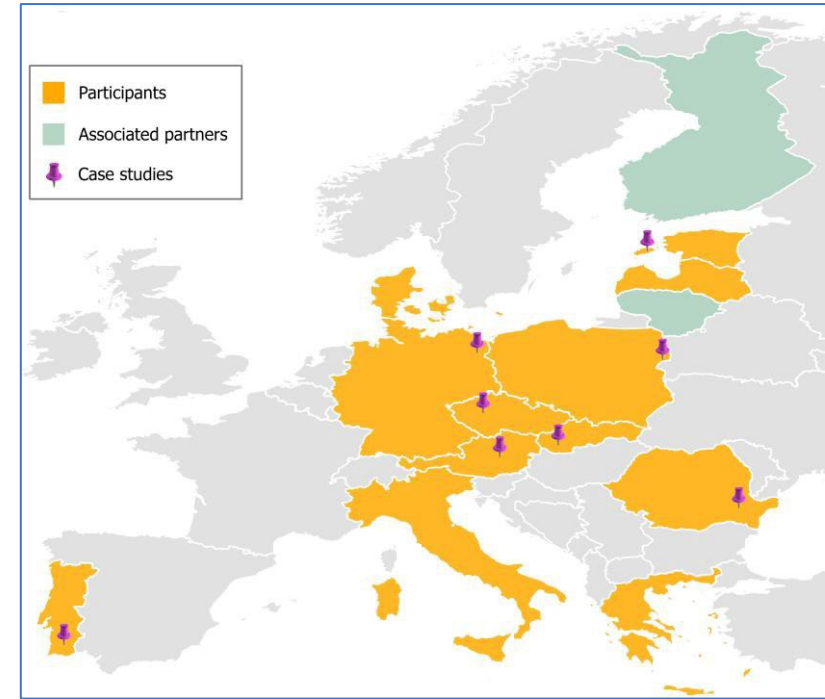
Europe-LAND in a nutshell

- **Consortium:** 13 partners (12 countries, 8 cases), 2 Associates (FIN, LIT)
- **Duration:** 1 June 2023 til 31 May 2027

Main Objective:

to identify, develop, test and implement integrated tools to **improve the understanding of the factors behind land-use decisions** as well as the **stakeholders' awareness and engagement** in terms of climate change and biodiversity challenges across Europe.

This includes **increasing the knowledge base** on how such decision can be oriented towards the efficient and socially responsible pursuit of multiple policy objectives on various scales in order to **gain a national, regional and pan-European vision** that supports land-use strategies, climate change mitigation and adaptation, as well as biodiversity conservation.

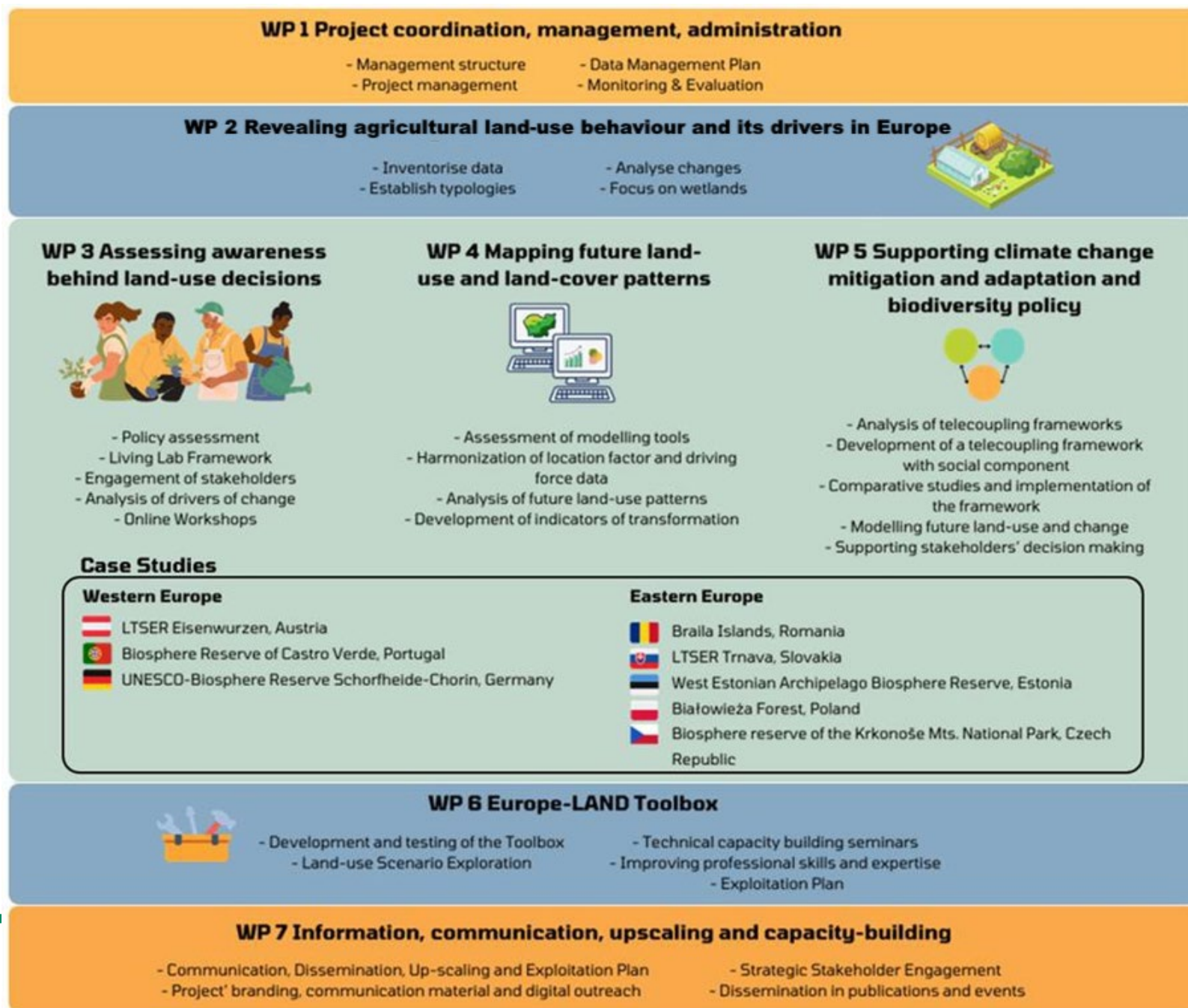




Methodology

Tasks include:

- **national-level analyses** (e.g. harmonization of fragmented European data) - **land use/land management surveys**,
- **modelling** of land-use changes (basis: CLUE model), complemented by
- **cross-cutting feature: 8 local cases** (allowing for East-West comparison) as demonstrators and
- **capacity-building** (open access!)





Our Europe-LAND consortium

13 partners (12 countries), 2 Associates (FIN, LIT)



CHARLES UNIVERSITY
Faculty of Science



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Funded by
the European Union

Save-the-dates

- 18 Apr 2024 – Europe-LAND’s 6th public webinar on “Exploring the potential of Telecoupling for improving European land management”
- Upcoming publically accessible research results:
 - Scientific report on Telecoupling frameworks (May 2024)
 - Harmonized database of EU land use and land management (Nov 2024)
- Meet our researchers at the following conferences:
 - 24-27 June 2024: 10th Nordic Geographers Meeting, Copenhagen, Denmark
 - 26-28 June 2024: IAMO Forum – the functions of land in times of change, Halle, Germany
 - 24-30 Aug 2024: 35th International Geographical Congress 2024, 24th to 30th August 2024 in Dublin, Ireland

Find all public research outputs and events (incl. slides for download) always on www.europe-land.eu !!!!!

Thank you for your attention!

Team Hamburg

Prof Walter Leal, Franziska Wolf, Jasmin
Röseler, Dominique da Silva, Sven
Kannenberg

Hamburg University of Applied Sciences,
Research and Transfer Centre
„Sustainable Development and Climate
Change Management“, Ulmenliet 20,
D-21033 Hamburg, Germany

Contact: info@europe-land.eu



Project website: www.europe-land.eu



Join our **LinkedIn Community:** <https://www.linkedin.com/company/europe-land/>



MOSAIC

Joined-up land use strategies tackling climate change and biodiversity loss

Policy labs as platform for
science policy dialogues

Dieter Cuypers, Monica Vidal,

Adam Holub, Jeroen De Waegemaeker

VITO – ELO – EUROSITE – ILVO

16/04/2024

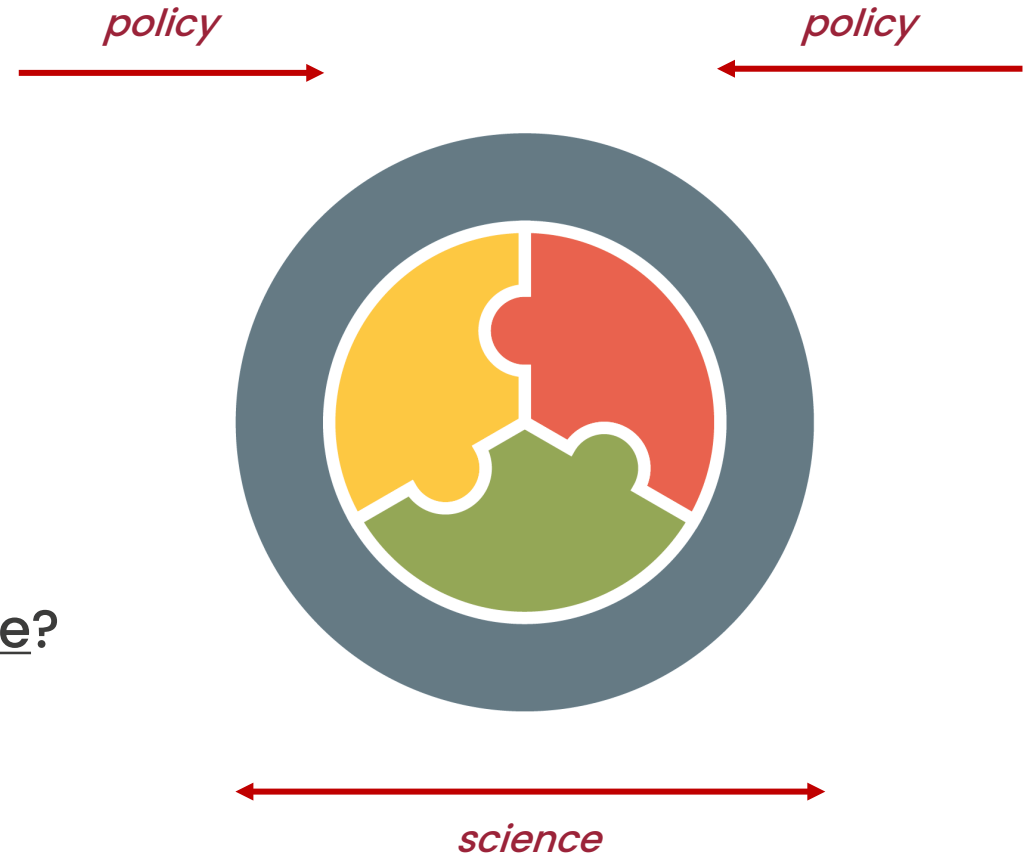
www.mosaic-europe.eu

An all-encompassing research question and the role of transdisciplinary research

What if we would use incentive X, **knowing** Y?

What effect would that have on future land use,
and **how to employ these in planning processes**

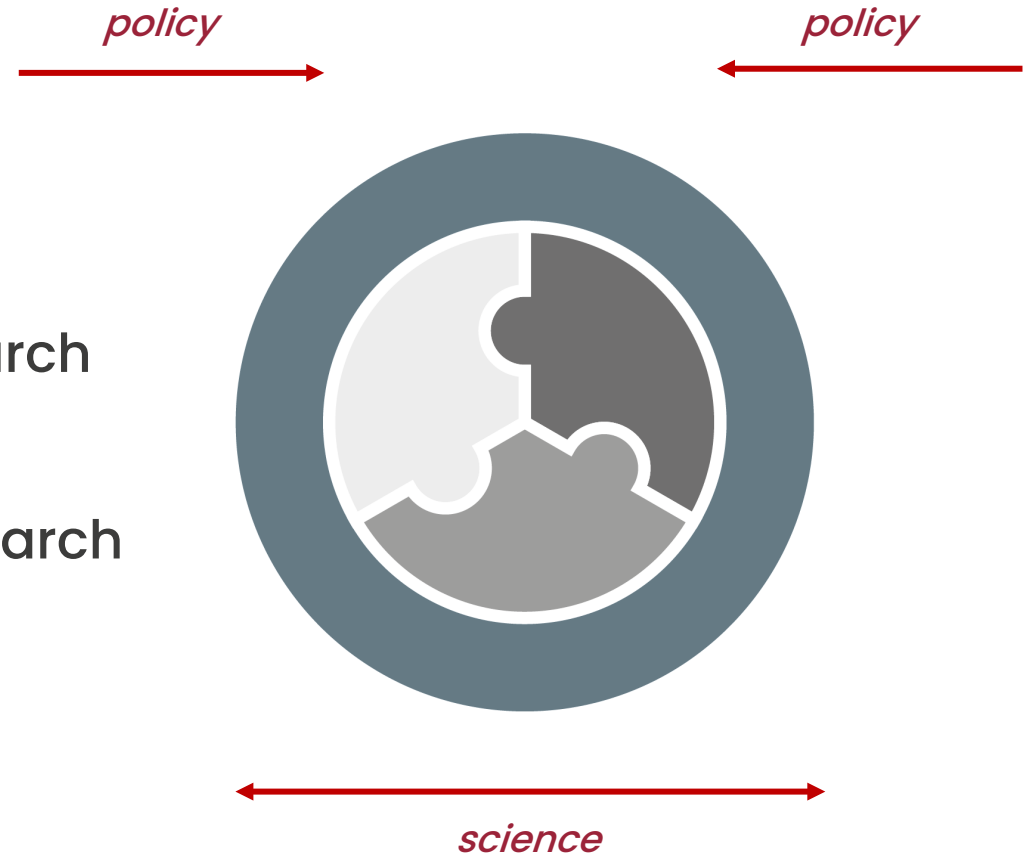
to combat climate change and biodiversity decline?



An all-encompassing research question and the role of transdisciplinary research

Policy lab = interface of policy and research

Research topic of policy-innovation research





Policy lab goals

A cooperative setting for science-policy-society dialogues

Develop and experiment with evidence-based solutions to complex problems

Feed into policy design

Policy labs = hard work

Creating common language

and a shared understanding

requires time and energy

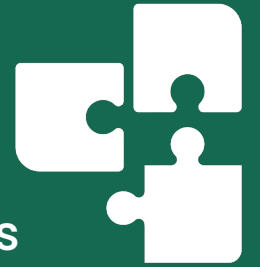
and can't be rushed



Policy lab role division

Knowledge broker

design and set-up the PL,
coordinate the research,
contact point for researchers



Policy lead

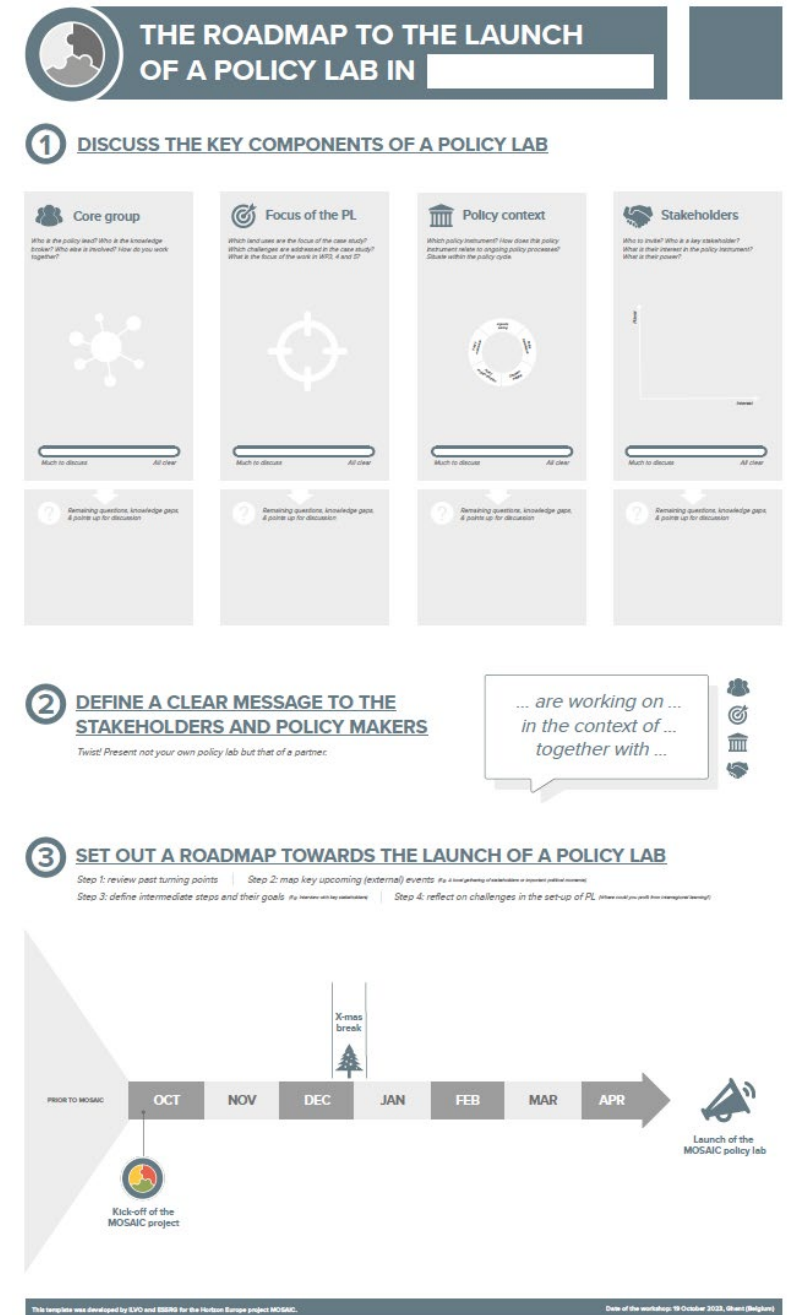
Design and set-up the PL,
connect to ongoing
policy discussions,
contact point for researchers



Four key components to define before launching

- *Who?* Core group
- *About what?* Focus of the PL
- *Why?* Policy context
- *Together with?* Stakeholders

Laying the groundwork for the next 4 years.



Four key components to define before launching

- *Who?* Core group
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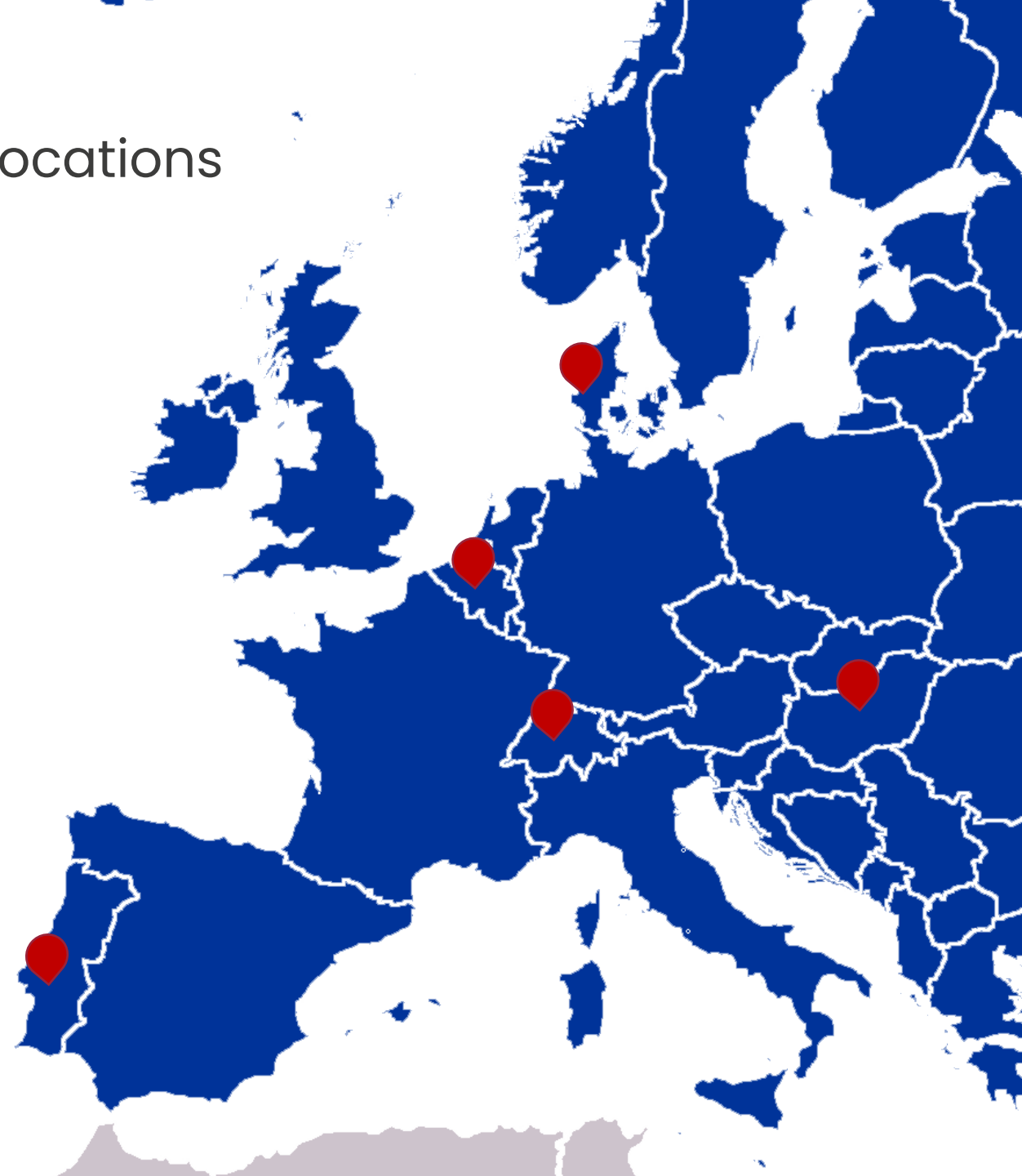
*...are working on...
in the context of
...together with ...*

Laying the groundwork for the next 4 years.



6 Policy Labs: six case study locations

- Belgium: Landscape Parks in Flanders
- Denmark: Afforestation through carbon market
- Hungary: Water availability and desertification
- Portugal: Competing land claims from nature, agriculture and renewable energy
- Switzerland: Alpine landscape – land abandonment and renewable energy
- **EU: Private Land Conservation**



EU Policy Lab – Core focus

What is Private Land Conservation?

‘[V]oluntary activities by individuals, groups of individuals, or civil sector organisations with the aim to dedicate (parts of) properties under their governance to the long-term protection and/or restoration of habitats, species or ecosystem functions and services. These activities complement land conservation through regulatory tools such as the public designation of protected areas or land use planning.’

Learn more about or see examples on the website: www.ENPLC.eu



EU Policy Lab – Why Private Land Conservation?

Can we reach Biodiversity Strategy 30 x 30 targets by accounting for areas under mandatory protection alone?

Private Land Conservation (PLC) as a tool to:

- Incentivise and finance sustainable practices on privately owned land
- Account for nature in privately owned land
- Complement (NOT replace!) mandatory land protection

Examples:

Privately Protected Areas
Conservation Easements
Land Stewardships

EU Policy Lab – Stakeholders



As Policy Leads on the EU Policy Lab:

Eurosité and **ELO**: *“We are in MOSAIC because we want to empower landowners, managers and users to contribute to protecting nature in Europe”*

*Our aim is to explore policy opportunities to incentivize **Private Land Conservation** in the EU.*

- *We are the link to **Private Landowners** and **Conservation practitioners***
- *We provide policy input to our research teams.*

EU Policy Lab – Research

What effect would different **Land-use Policies** have on future land use?

**Drivers of Land-use
Change**

+ Output from Policy Labs



**Modelling different
Land-use Scenarios**

INRAE

ILVO

Flanders research institute for
agriculture, fisheries and food



Karlsruher Institut für Technologie



UNIVERSITY OF AMSTERDAM



THE UNIVERSITY
of EDINBURGH



Do you want to join us
in the MOSAIC policy
lab on private land
conservation?

Get in touch!

www.mosaic-europe.eu



**Co-funded by
the European Union**



This work was co-funded by UK Research and Innovation (UKRI) under the UK government's Horizon Europe funding guarantee.

Project funded by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
**State Secretariat for Education,
Research and Innovation SERI**



Introduction

PROF. JULIA LEVENTON
(PROJECT COORDINATOR)

SCIENCE-EU POLICY
DIALOGUE

16TH APRIL, 2024



Co-funded by
the European Union

Project funded by

Schweizerische Eidgenossenschaft
Confédération suisse
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Confederaziun svizra
Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Education,
Research and Innovation SERI



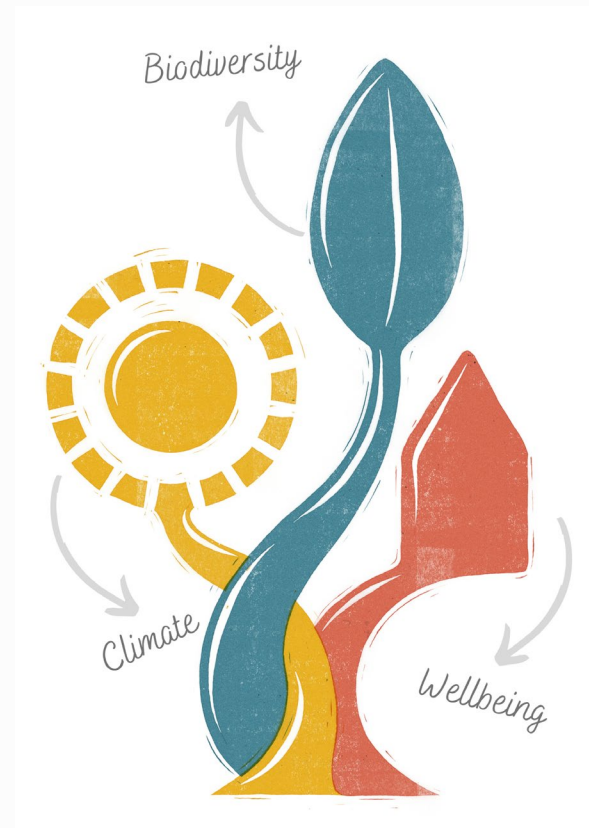
UK Research
and Innovation

Project Overview

*Planning Land Use Strategies: Meeting **biodiversity**, **climate** and **social** objectives in the Changing world*

Coordination	CzechGlobe
Partners	23 Partners from 14 countries
Project Type	Horizon Europe
Funding	HORIZON-CL5-2022-D1-01-03-two-stage <i>Social science for land-use strategies in the context of climate change and biodiversity challenges</i>
Duration	June 2023 – May 2027 (48M)

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.



Objectives

PLUS Change aims to create **land use strategies** and **decision-making processes** that meet **climate**, **biodiversity** and **human well-being** objectives of sustainability.



Characterise **expected future land use patterns** at different time & spatial scales



Produce **land use strategies** to achieve long term policy and normative objectives



Identify **pathways to implement land use strategies**, incl. key intervention points & actors



Create **recommendations to target intervention points** in land use governance



Co-develop a **toolbox** to support land use planners



Key Ambitions: Beyond the state-of-the-art

Land use areas	Respond to the interrelations between urban, rural and peri-urban regions
Land use change	Address the plurality of land use change drivers, needs/values, and implications for interventions & governance
Types of change	Bridge understandings of individual change with collective and structural change towards sustainability, including demand-side and supply-side measures
Social perspective	Take an explicitly social perspective to understanding how values, knowledge, governance, powers, and roles of different actors interact to shape land use decisions & actions
Long-term perspective	Maintain long-term, dynamic perspective that incorporates social and physical changes over time to create future projects and inform decision making
Meaningful engagement	Engage with challenges of democracy, participation and justice in navigating trade-offs in time and space
Multi-level approach	Take a multi-level, multi-actor approach that engages science, social science, humanities, and arts to enable transformations across individual, community, and structural levels



Core Themes



Justice & Equity



Land Use



Participation & Co-creation



12 Practice Cases



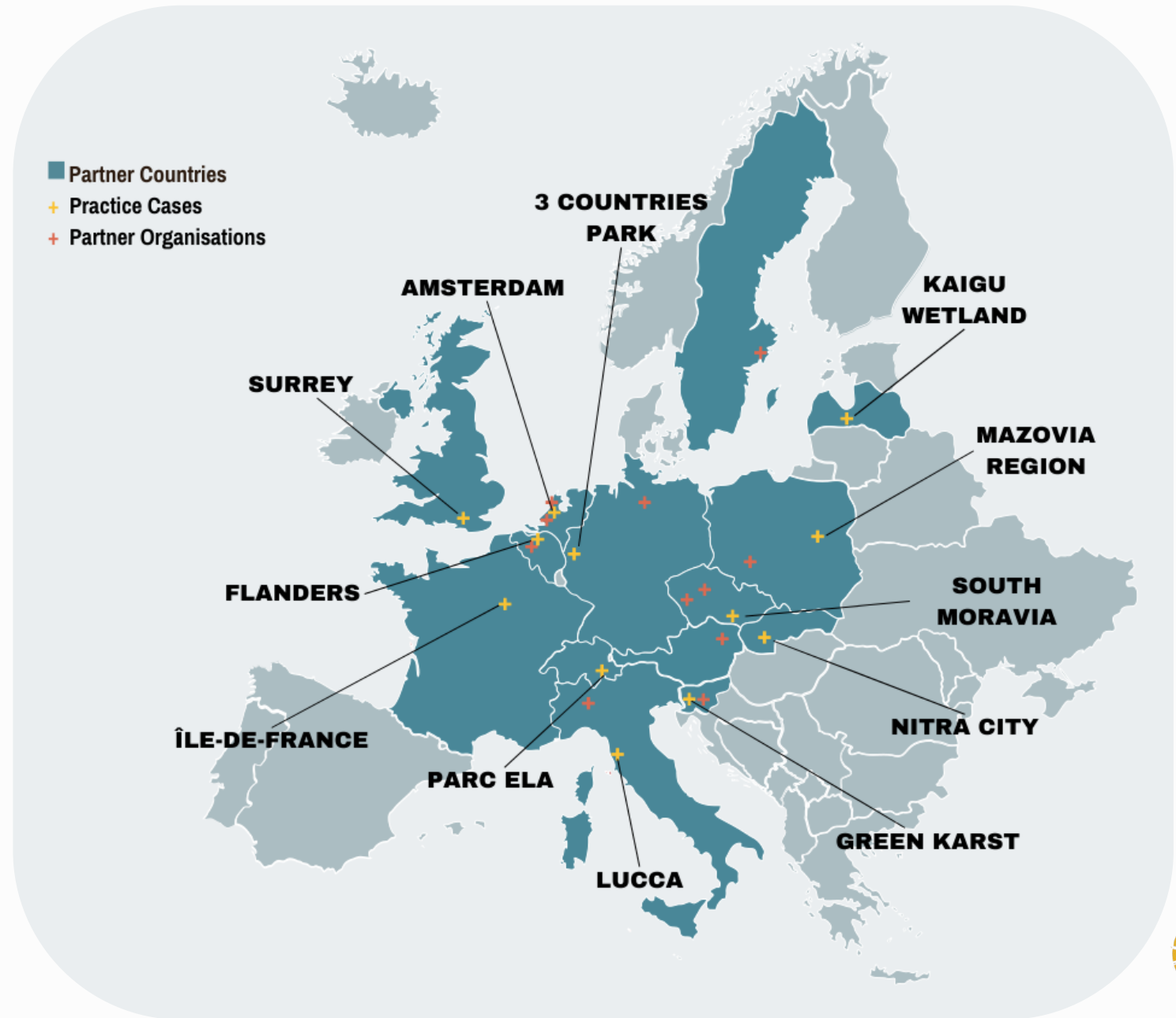
Urban



Peri-Urban



Rural



Work Plan

Policy analysis

Interviews

Modelling

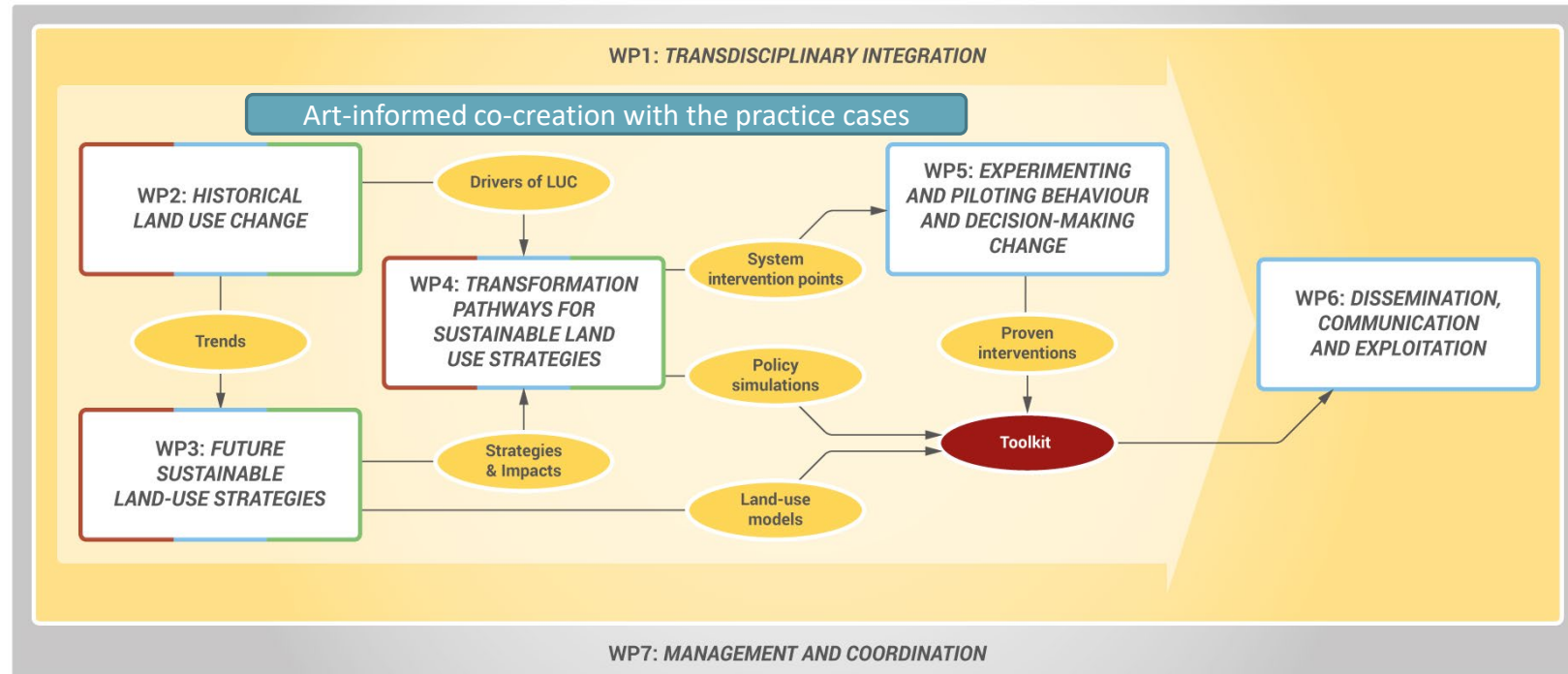
Historical analysis

Scenario planning

Policy simulations

Behaviour change experiments

Decision-making innovations



The Workshops



This project has received funding from the Horizon Innovation Actions under the grant agreement n° 101081464.

<https://pluschange.eu/>

Project Partners



Thank you!

KEEP IN TOUCH



<https://pluschange.eu/>



pluschange@czechglobe.cz



[@PLUS Change Project](https://www.linkedin.com/company/plus-change-project)



[@pluschangeproject](https://www.instagram.com/pluschangeproject)

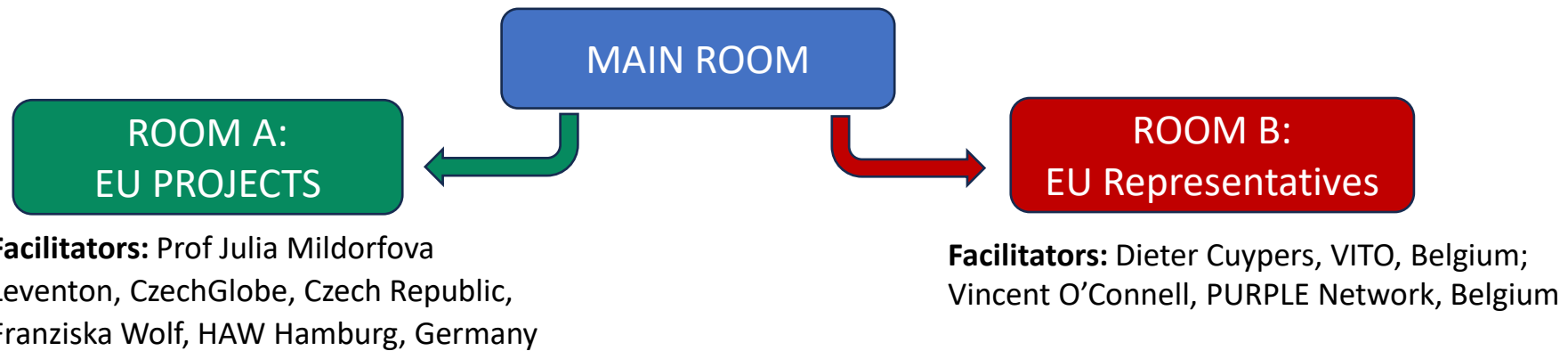


[@PLUSChangeEU](https://twitter.com/PLUSChangeEU)



Parallel co-creation sessions

Objective: Gathering information on distinctive policy-relevant contributions by our **SCIENCE representatives** and, in parallel, collect insights from our **POLICY representatives** on current policy development needs that participating EU projects may meet with their research outputs



MIRO Technical troubleshooting: Jasmin Röseler (Room A), Dominique da Silva (Room B),
Hamburg University of Applied Sciences, Germany



Outlook on upcoming results and follow-up action in 2025

- Result of today:
 - A compact evaluation of today's dialogue meeting will be provided to each participant in a few weeks time
 - Stay in touch with us and fellow HE projects to seize synergies
 - Join us again in 2025!
- Outlook:
 - In the following years up to 2027, we will continue this dialogue process!
 - In the end, we aim at providing a consolidated **overview of how research and policy needs and demands can be matched** effectively, with suitable approaches and concrete settings for the design and co-creation of sustainable land use strategies identified in close collaboration with relevant stakeholders.
 - We will reach out to you on time to communicate the date for the upcoming 2nd Science-EU Policy Dialogue!