

ARCADIA

Transformative climate resilience by
Nature-based Solutions in the continental
bio-geographical region

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- **Ambition phase:** regional alliances and partnerships are established or strengthened. Progress in adaptation is assessed, and resilience goals with measurable targets are achieved through nature-based solutions. Blue and green infrastructures are developed and adopted.
- **Experimental innovation phase:** regional alliances collaboratively develop 3 or more deep co-innovation labs in each model region.
- **Scaling Up for Impact Phase:** regional alliances design actionable agendas and operational plans to enhance and coordinate the implementation of nature-based solutions and green infrastructures across key community systems.

INNOVATION AREA A
Regional action plans

Regional and interregional activities

- **17 Co-innovation laboratories** in the 5 Model Regions, focusing on:
 - **Identifying NbS** compatible with regional visions
 - **Consulting** with regional/local authorities, alliances & partnerships
 - **Engaging citizens** in Open Science and research activities
- A **twinning process** involving Fellow Regions in the assessment of green solutions identified by Co-innovation labs, fostering a mutual learning process of sharing knowledge and experiences with Model Regions
- **Comparative analyses** of regional transformative approaches, visions & pathways

Co-innovation labs (WP1-5)

Twinning process (WP10)

Comparative analyses (WP6)

ARCADIA Regions

MODEL REGIONS

- Emilia-Romagna, Italy
- Lower Austria, Austria
- Zagreb; Krapina-Zagorje, Croatia
- Skåne, Sweden
- Funen, Denmark

FELLOW REGIONS

- Plovdiv, Bulgaria
- Centru, Romania
- Podravje, Slovenia

Map: excerpt from: <https://op.europa.eu/s/zhss> modified by the author of this presentation.
Author of the original map: Commissione europea, Direzione generale della Comunicazione,
The European Union, Ufficio delle pubblicazioni dell'Unione europea, 2023, <https://data.europa.eu/doi/10.2775/003765>

Italy | Emilia-Romagna



Challenge:

Increase the territory resilience - esp. to exceptional rainfall flooding - through Sustainable and Active Forest Management

Areas of work

Develop pilot Forest land use plans addressing:

- Erosion protection and hydrogeological safety
- Valorisation of forests natural capital (including PES)
- Enhancement of water-related ecosystem services

Co-innovation labs

1. Lamone and Bidente rivers watersheds
2. National Park Appennino Tosco-Emiliano
3. Regional forestry nursery located in the National Park Foreste Casentinesi

