



eNABLs

Education and NBS -
bending the curve for biodiversity



Funded by
the European Union

Project overview



eNABLs in a nutshell

Title	education and Nature-Based solutionS : enable society to bend the curve for biodiversity (GA No 101135035)
Duration	36 months (1/1/2024 – 31/12/2026)
Project type	Coordination and Support Action
Programme	Horizon Europe – Cluster 6
Funding	2,951,847.33 €
Coordinator	University of Hohenheim - <u>Center for Biodiversity and integrative Taxonomy</u> (DE)
Partners	11 entities from 8 EU countries (DE, NL, AT, FI, LT, GR, CZ, BE)

ENABLS partners

Academia & Research

- University of Hohenheim
(Centre for Biodiversity and integrative Taxonomy)
- Wageningen University & Research
- University of Natural Resources and Life Sciences
(Institute of Landscape Development, Recreation and Conservation Planning)
- University of Eastern Finland
- Vytautas Magnus University
- Centre for Research and Technology Hellas
(Institute for Bio-Economy and Agri-Technology)

Advisors/hubs/multipliers

- FOCUS Strategic Thinking Consultants
- BIOEAST HUB CR

TVET Institutions

- 3s Research & Consulting
- IDEA Training

Network of Universities

- Association for European Life Science Universities



Context

- Biodiversity is declining at an exponential rate:
 - ~25% of known species in animal and plant groups are threatened
 - 75% of the land surface area has been significantly altered
- Rapid biodiversity decline equals **decline in ecosystem services**, notably:



Symptoms of dysfunctional economic and social systems
(extraction, linearity and exploitation)



Need for **social dialogue** and a
“Just Transition”:

- ‘Green’ the economy in a fair and inclusive way
 - Create meaningful work opportunities
 - Leave no one behind



NBS, education, skills development



eNABLs value proposition

Goal

Mainstream biodiversity and NBS in higher education and TVET: develop and upscale new forms of teaching, learning and capacity building that are more relational and applied

education... eNABL^eS people

Means

A **transdisciplinary approach** that incorporates **multiple forms of expertise** from the social and natural sciences with contributions from a wide range of stakeholders affected by major challenges and willing to be part of the solution



Living Labs

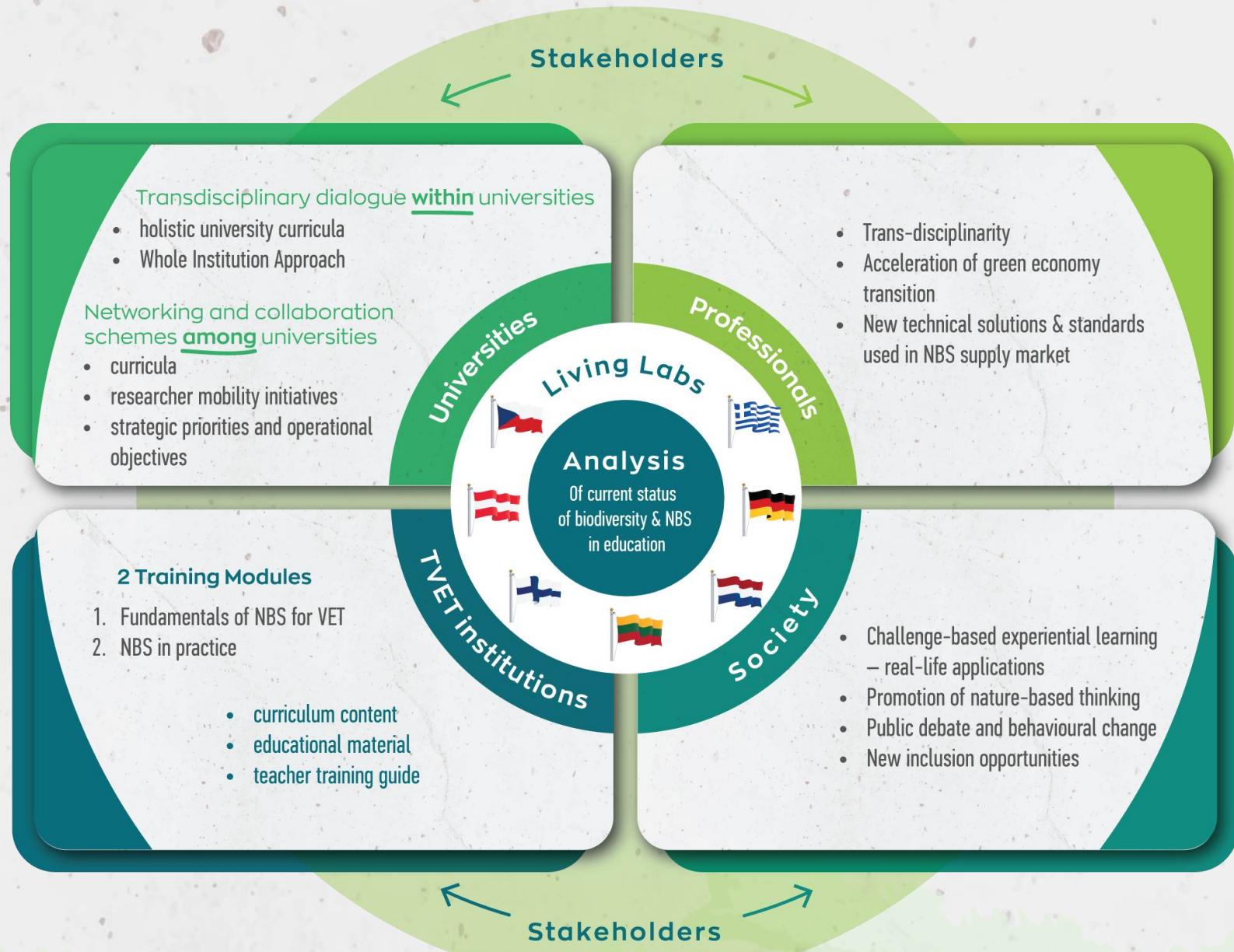
eNABLs Living Labs

Living Labs (LLs) in 7 countries - multi-actor engagement at all levels of society from the early stages:

- embed NBS concepts and approaches in **universities**, **vocational schools**, among **professionals** and **society** as pathways for biodiversity preservation and climate resilience
- promote a **Whole Institution Approach** - universities become their own LLs
- ensure and promote human health and well-being, social equity and employment opportunities



ENABLs concept



Methodology: Understand / Implement / Conserve

Step 1: Identifying the state of play

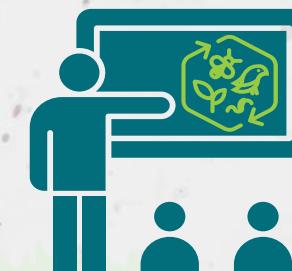
- **NBS** in higher education and TVET **curricula**
- Awareness and perceptions across society
- Status quo and future trends in **biodiversity**, **NBS** and **climate resilience** as indicated in international policy documents and reports, incl. NBS standards and protocols
- **Networking and collaboration** status among:
 - Universities
 - Universities – TVET institutions
- Exploitable results of previous/ongoing projects



Methodology: Understand / Implement / Conserve

Step 2: Mainstreaming biodiversity and NBS in learning, teaching and capacity building

- Set up and support the operation of **7 Living Labs**
- Design and pilot TVET and skills development programmes (incl. teacher training guides)
 - “**Fundamentals of NBS for VET**” → for the young, long-term unemployed and social groups in need
 - “**NBS in practice**” → for professionals
- Place universities at the heart of society: help them address the biodiversity and climate crises and become role models within their respective societies
- Drive community **NBS awareness and capacity building**
- Lead far-reaching dialogue on:
 - NBS integration in university curricula
 - Definition of strategic priorities and operational objectives



Methodology: Understand / Implement / Conserve

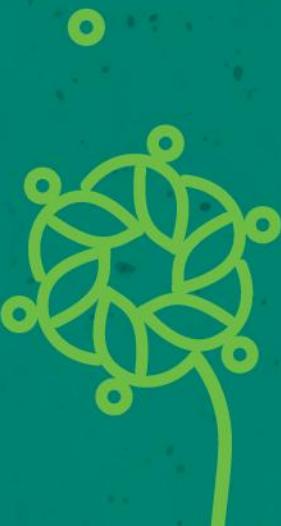
Step 3: Ensure the longevity of the eNABLs results

- Online **platform** for easy consultation of relevant information and material collected and produced
- **Collaboration** and joint activities with relevant projects and initiatives
- **Cross-fertilisation** – sharing of knowledge, experiences, good practices among Living Labs
- Lessons learnt and replication **guide**
- **Policy recommendations**



Expected outcomes (*at the beginning of the project*)

- 7 multi-stakeholder collaboration platforms, i.e., Living Labs
- “Current biodiversity & NBS positioning” report
- 2 TVET modules (educational material & training guides):
 - Fundamentals of NBS for VET
 - NBS in practice
- Online platform (*open access to all material produced*)
- “Suggestions for NBS integration in university curricula”
- “Guidelines for the replicability of eNaBLS approaches”
- “Policy recommendations for the uptake of NBS” (*at both national & EU level*).



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