

eNaBLS

eNaBLS' Czech Living Lab

Coordinated by BIO EAST HUB CR

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Connecting Biodiversity & Practical Education

eNaBLS

The Rationale

Low awareness of Nature-Based Solutions (NBS) and their limited presence in Czech formal education called for an accessible, hands-on entry point.

The **Czech Living Lab** (LL) established a multi-stakeholder platform connecting higher education, secondary schools, TVET, research, businesses, and regional communities. By anchoring abstract NBS concepts in tangible themes, such as pollinators, soil health, plant science, and climate adaptation, the LL bridges education and practice across the Moravian-Silesian, South Moravian, and Pardubice regions.

Scan for LL updates

The Core Question

How can we connect students, educators & regional actors through accessible, practical NBS learning?

Key Pillars & Goals

- **Accessible Biodiversity Entry Points:** Utilising pollinators, ecosystem services, and sustainable agriculture as tangible concepts to introduce NBS.
- **Cross-Sector Collaboration:** Connecting schools, universities (VSB-TUO), research institutes, businesses, and regional chambers of commerce.
- **Competency-Based Engagement:** Leveraging GreenComp and ESCO frameworks to foster systems thinking, collaboration, and environmental awareness.

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Putting NBS Education into Action

The 3-Phase Implementation Journey

STEP 01

Convene & Map: Convened initial multi-stakeholder networks across Brno, Ostrava, and regional partners to identify local environmental entry points.

STEP 02

Demonstrate & Co-Create: Co-organised practical demonstration events, interactive workshops, and live habitats connecting research with hands-on learning.

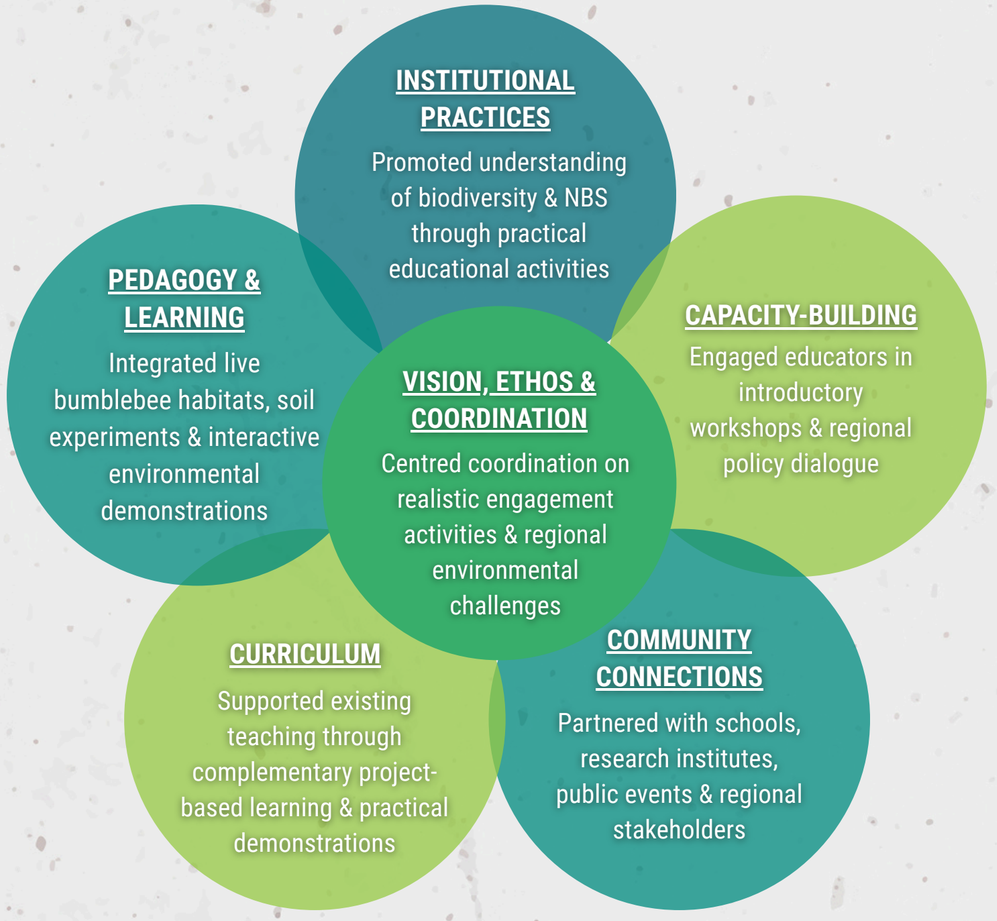
STEP 03

Expand & Connect: Broadened regional outreach across secondary, TVET, and higher education while embedding bioeconomy learning into practical student projects.

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The Whole Institution Approach (WIA)

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"From Abstract Concept to Tangible Action": Moving beyond broad awareness toward interactive, event-based demonstrations allowed students and citizens to see, touch, and understand NBS in action.

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National Ecosystem & Strategic Scaling

Core Partner Network

Střední škola zemědělská a Vyšší odborná škola Chrudim

ENKI o.p.s.

VUPT | Výzkumný ústav pícninářský, spol. s r.o. Troubsko

Cross-Sector Outreach

- **Major Public Demonstrations:** Participated in *Art & Science Ostrava*, *Fascination of Plants Day*, *Bee Fair*, *Nase Pole*, and *Zeme zivitelka*.
- **Academic & Policy Dialogue:** Co-organised the *Conference of Young Scientists* and regional policy workshops to bridge education, research, and practice.

Long-Term Legacy

Interactive Educational Toolkits

Integrated live habitat models & NBS principles into reusable learning toolkits for secondary schools and TVET.

Regional Cross-Sector Networks

Established permanent collaboration channels connecting regional chambers of commerce, applied research institutes & educational actors.

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Visit the webpage of the Czech Living Lab