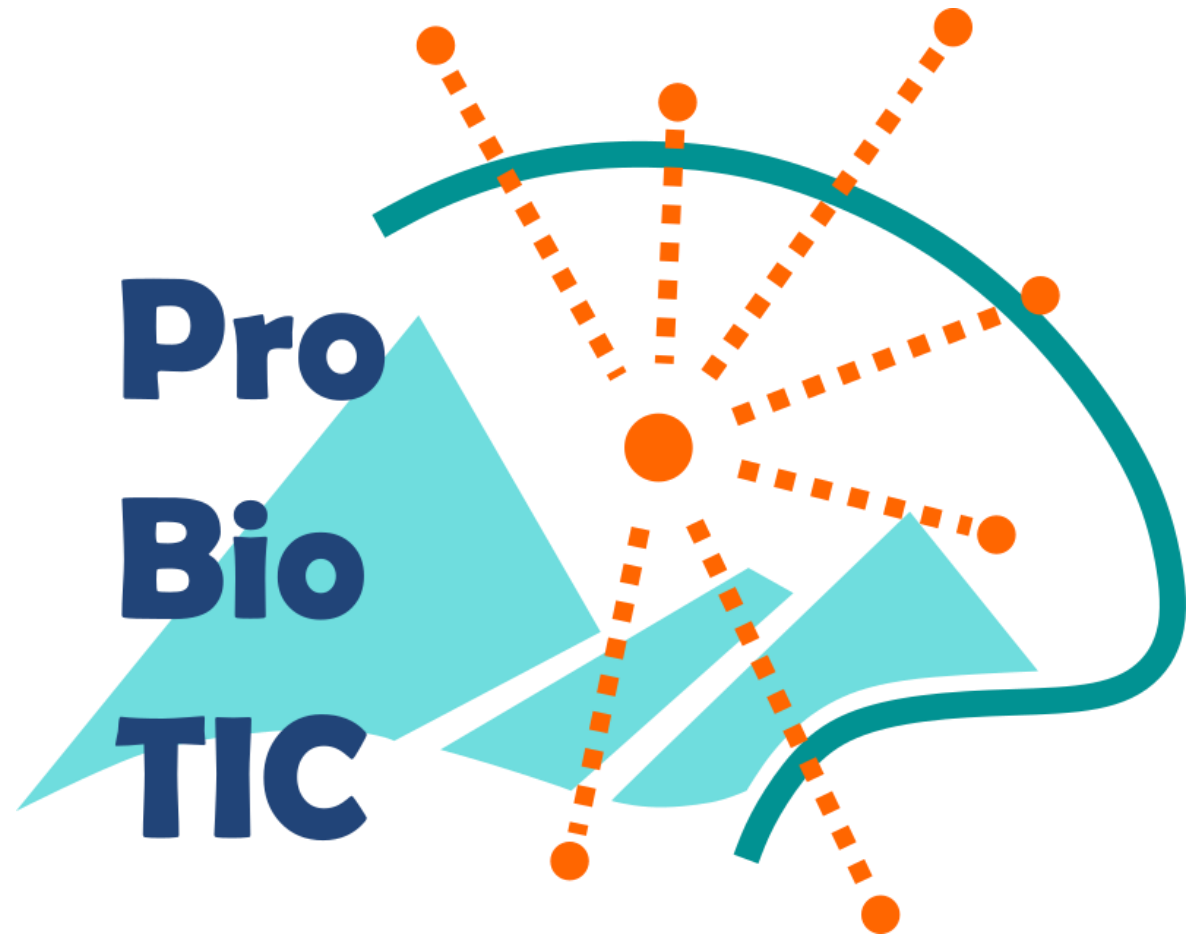

**Promoting
Biodiversity through
Transdisciplinary Learning
Interventions in the Carpathians**



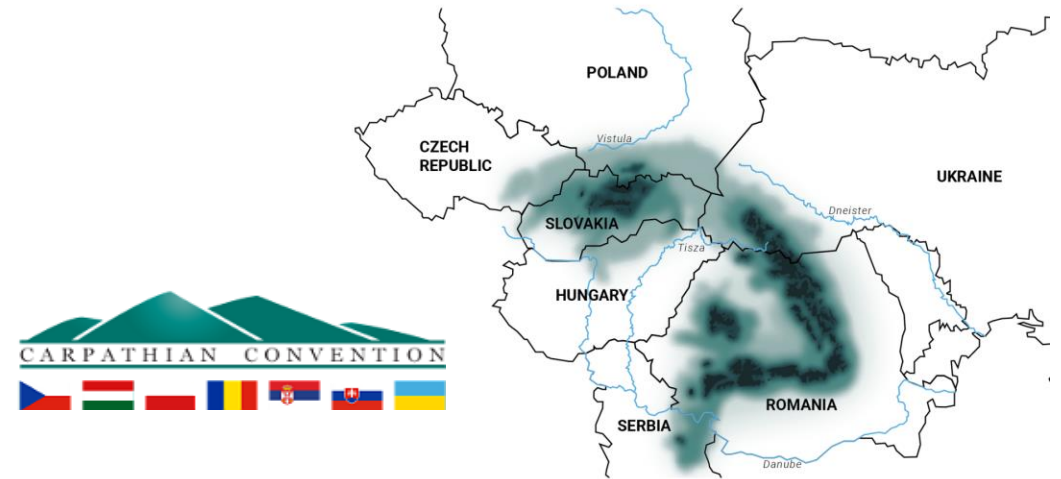
Objectives

Enhance understanding of the concept and methodology of ESD among actors in the Carpathian Region

Train young scientists in integrated approaches to promote biodiversity with a broader inter- and transdisciplinary perspective, by including key stakeholders from government, science, local businesses and civil society.

Context

- Carpathian Convention
- Carpathian Biodiversity Framework



ProBioTIC

WP 1: Bringing together **early-career biodiversity experts** from the region to network and develop their expertise on using ESD interventions to promote biodiversity during two Summer Schools in 2024 and 2025

WP2: Teaching **university students** from LUL and JU HESRC during a one-semester module

WP 3: Developing policy briefs and engaging in dialogue with **stakeholders** from selected Working Groups of the Carpathian Convention and **policy makers** involved in relevant areas from Carpathian countries.



The students will be tasked to engage their stakeholders in scenario work and identify a transdisciplinary research question.

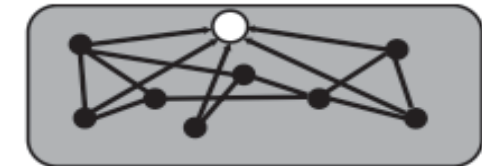
Through this consultation they would then work on an ESD **Learning Intervention** that while context specific, should also identify key learnings that are more broadly applicable.

These projects will form part of the overall evaluation of the project and will make up a research paper on the effectiveness of teaching transdisciplinarity with concrete examples.

Transdisciplinary Module At Leuphana Summer Semester 2025

Interdisciplinarity

- Crosses disciplinary boundaries
- Common goal setting
- Integration of disciplines
- Development of integrated knowledge and theory



- Disciplinary research participants
- Goal of research project

Transdisciplinarity

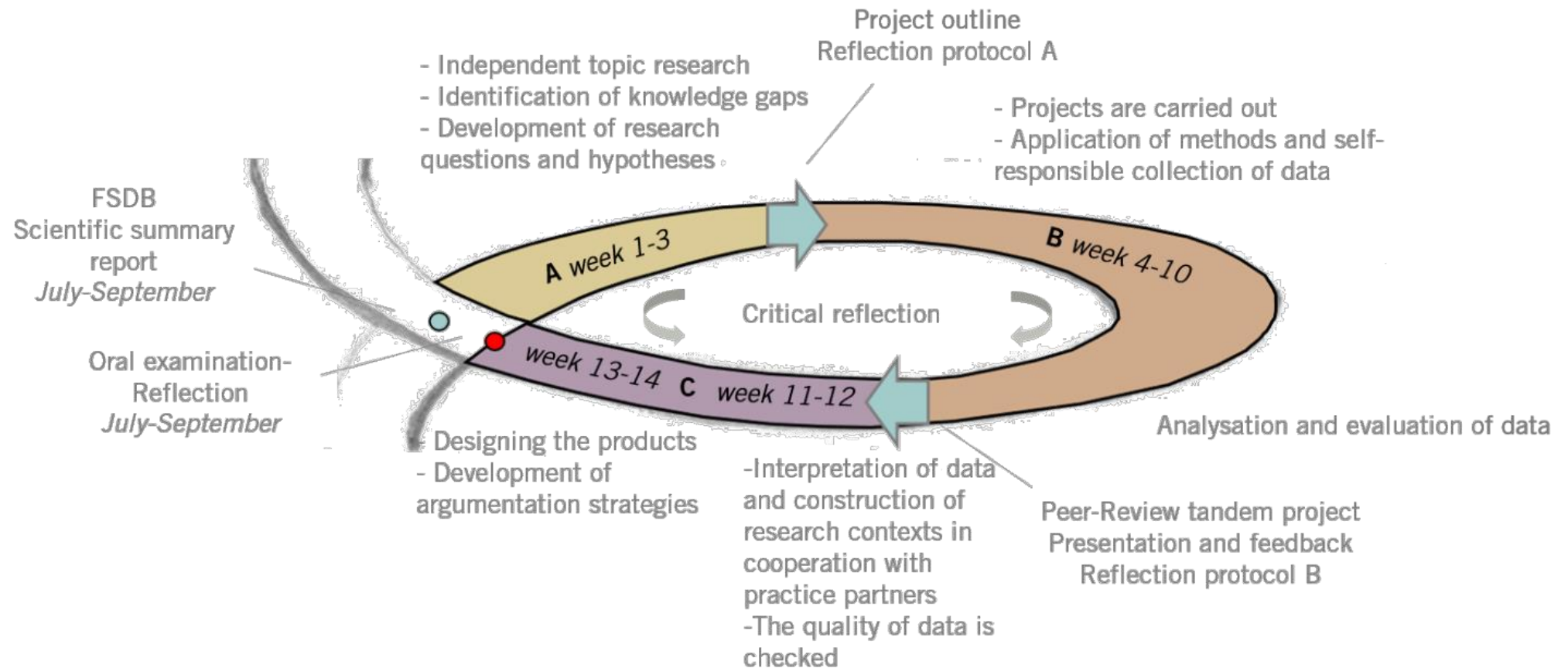
- Crosses disciplinary and academic/non-academic boundaries
- Common goal setting
- Integration of disciplines and non-academic participants
- Development of integrated knowledge and theory among science and society



- Disciplinary research participants
- Non-academic research participants
- Goal of research project

FIGURE 1.1 Comparison of key features of interdisciplinary and transdisciplinary research

Figure by the author, based on an adaptation of the ideas developed in Tress et al. (2005).



What a learning intervention could look like?

Eco-labelling scheme

Working with pastoralists from a food hub to discuss ways of promoting and engaging the public

Social Marketing

Working with montane communities to promote best behaviour with large carnivores.

Scenario planning

Working with eco-tourism stakeholders to map potential future scenarios and intervention points

Citizen Science

Working to develop citizen science within a community with a need for more information on topics such as species dispersal, water quality, etc.

