



EDUCATING THE NEXT GENERATION OF PROFESSIONALS IN THE AGRIFOOD SYSTEM



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771738

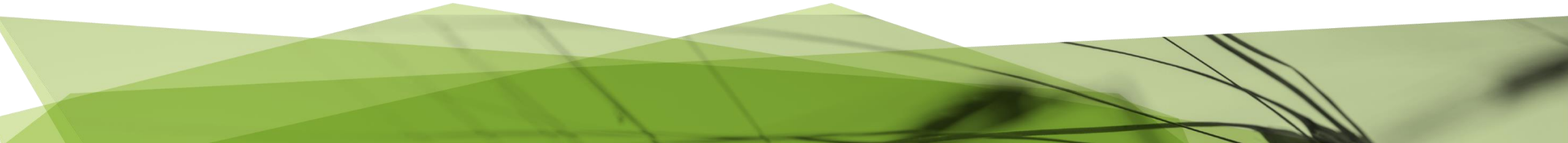
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What is NEXTFOOD?





















Internacional project funded by Horizon 2020- Research and Innovation Framework Programme that started in 2018 and will last until 2022

Will drive the crucial transition to more **sustainable and competitive agrifood and forestry systems** development by designing and implementing education and training systems to prepare budding or already practicing professionals with competencies to push the green shift in our rapidly changing society



A consortium of 19 partners

EUROPE	AFRICA	LATINAMERICA
              	 	
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Objectives

Overall aim:

To generate an innovative European science and education road map for sustainable agriculture and forestry along the value chain from research via production into application.

Objectives:

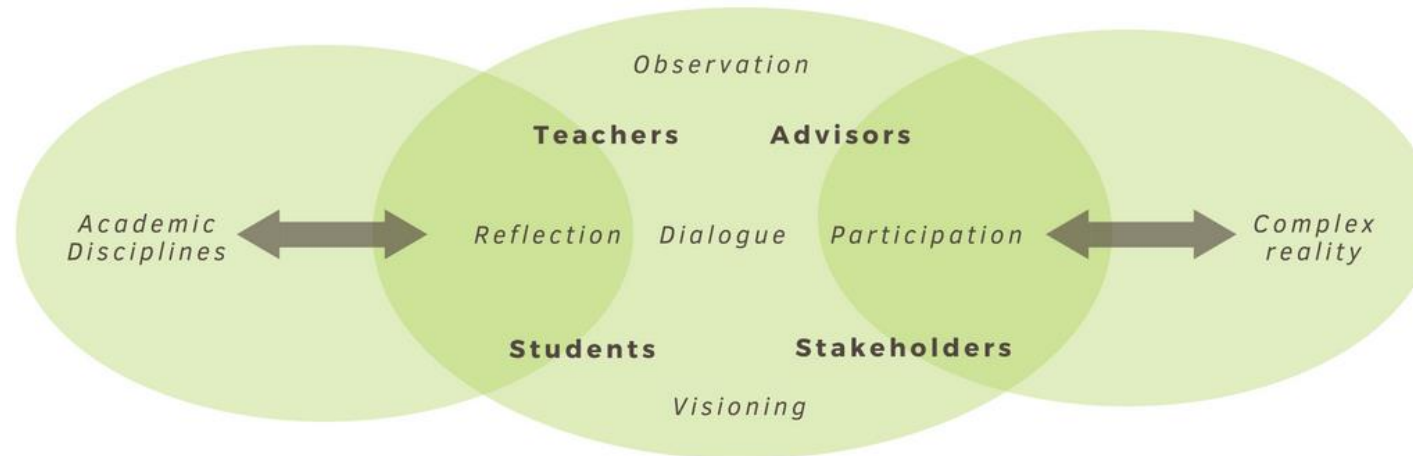
- ✓ Create an **inventory of the skills** and competencies needed for a transition to more sustainable agriculture, forestry and associated bio-value chains
- ✓ Facilitate **case studies** to identify gaps and needs
- ✓ Test new relevant curricula and **training methods**
- ✓ Identify **policy instruments** that support the transition towards action-, and practice-oriented learning
- ✓ methods
- ✓ **Peer-review tools** for evaluating quality of the practice-oriented research
- ✓ Create a platform for **knowledge sharing**

Action-learning

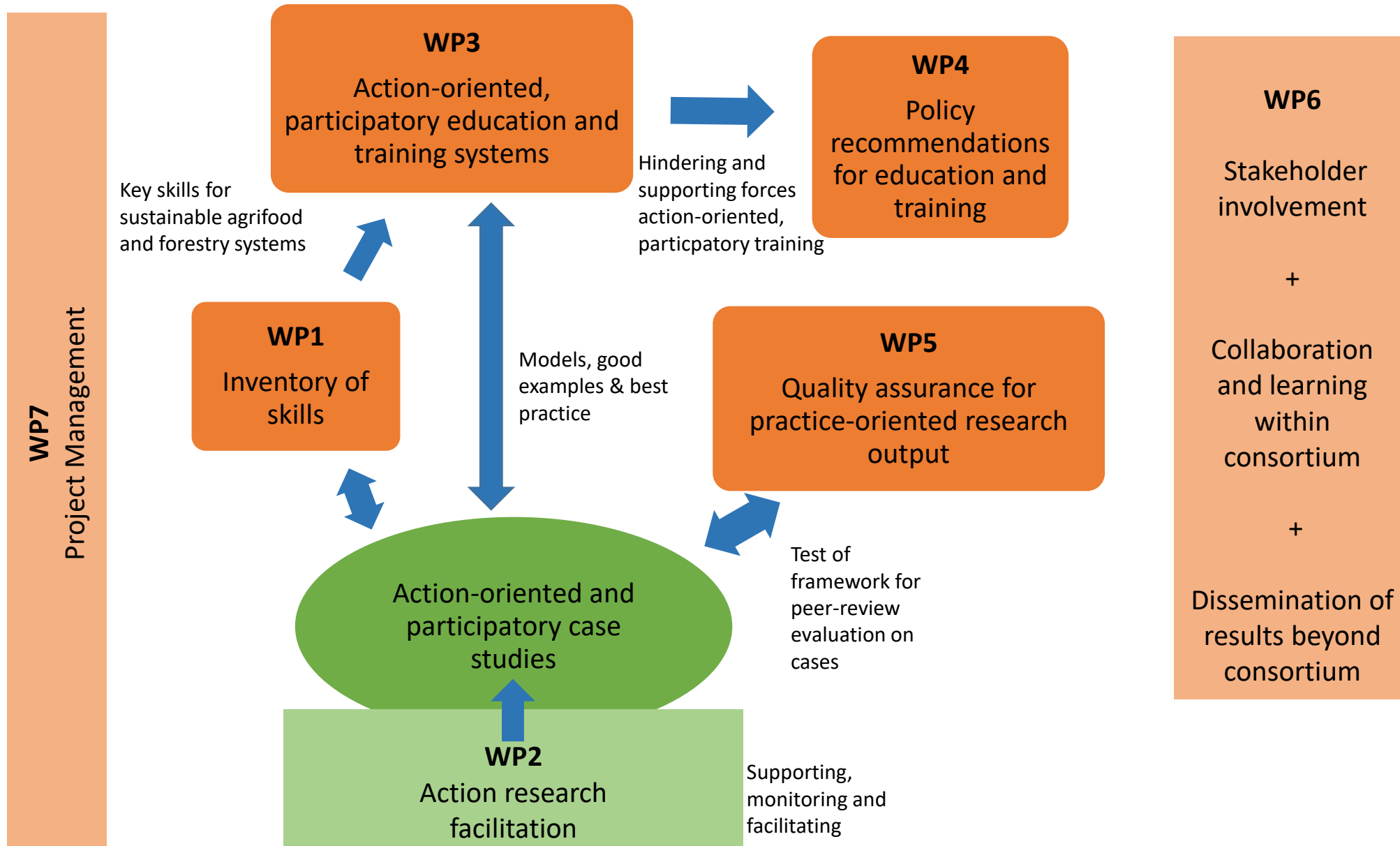
In 2018 it was agreed to use methodology based on case studies using as a reference the action-learning model adapted from Lieblen *et al* (2012), which seeks to generate a close link between University and Society.

TRANSFORMATIVE AND PARTICIPATORY LEARNING MODEL

COLLABORATIVE AND ACTION-ORIENTED LEARNING



Work Packages (WP's)

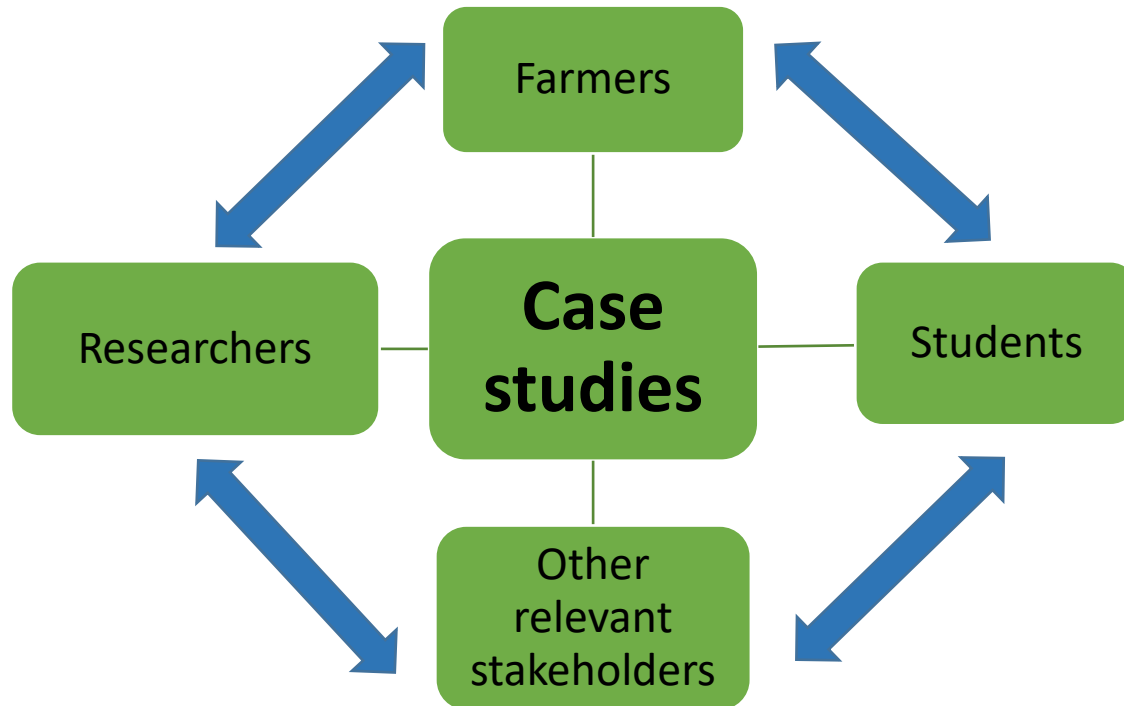


Work packages and tasks

WP 1	WP 2	WP 3	WP 4	WP 5	WP 6	WP 7
T1.1 Inventory of skills	T2.1 Planning of action research in	T3.1 Create framework the NF model	T4.1 Diagnosis of existing policies	T5.1 Review of existing best practices	T6.1 DEO-plan	T7.1 Strategic management & internal comm.
T1.2 Gaps in research and education	T2.2 Mentoring and supervision of cases	T3.2 Training of the NF model in cases	T4.2 Strategies for improvement	T5.2 Develop a framework for evaluation	T6.2 Public dialogue	T7.2 Progress monitoring
T1.3 Road-mapping for improvement		T3.3 Evaluation of effects on learning	T4.3 Design of new policy instruments	T5.3 Pilot-testing	T6.3 Stakeholder involvement	T7.3 Financials & administration
			T4.4 Assessing gender-diff. impact			T7.4 Legal compliance
						T7.4 Ethics

Case Studies

The project has adopted a case oriented approach.



The case development will rest on an iterative, participatory process consisting of:

1. Observation and description of the current situation in each case.
2. Visioning of a desired future state.
3. Analysis to identify key issues, solutions, supporting and hindering forces, etc..
4. Elaboration and discussion of action plans.
5. Implementation of plans.
6. Iteration of this process.

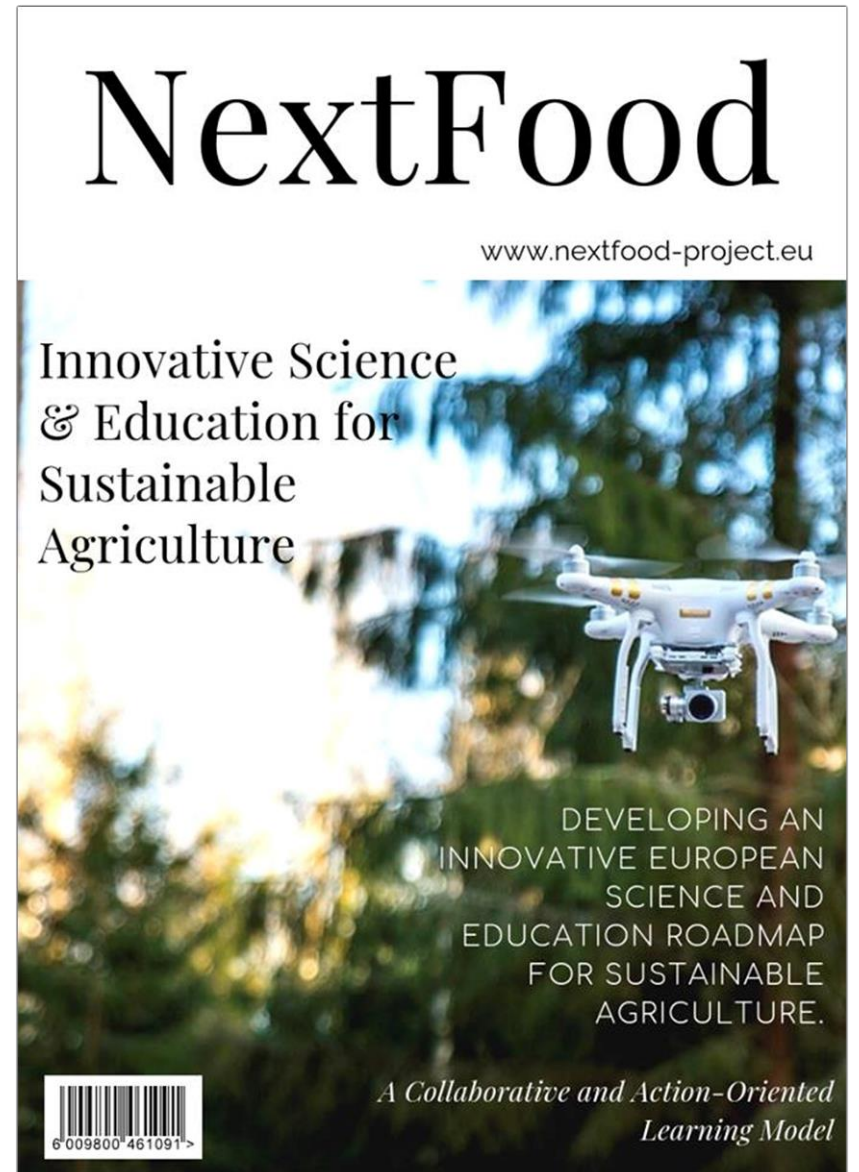
Case Studies

- ✓ **Case 1.** Agroecology and sustainable farming systems (**Norway**)
- ✓ **Case 2.** Students and farms taking food innovation from idea to market (**Romania**)
- ✓ **Caso 3.** Learning from farmers Training Centres: Multi-stakeholder action learning Platform (**Ethiopia**)
- ✓ **Case 4.** Supply chain innovation competition (**Austria**)
- ✓ **Case 5.** Action learning Agriscapes (**Greece**)
- ✓ **Case 6.** Towards a profitable and sustainable forestry chain (**Sweden**)
- ✓ **Case 7.** Agroecology: action learning in farming and food systems (**Czech Republic**)
- ✓ **Case 8.** Experiential and action learning in sustainable gastronomy (**Italy**)
- ✓ **Case 9.** Improving sustainability in farming and food systems by bringing in agroecological approach through action learning (**India**)
- ✓ **Case 10.** Educating the next generation of professionals in the agrifood system (**Egypt**)

Case Studies

Each case study is different depending on its objectives, but all of them are united by the application of one strategy: **participatory education** in educational systems and professionals training. This is centered in the aquirement of competencies like:

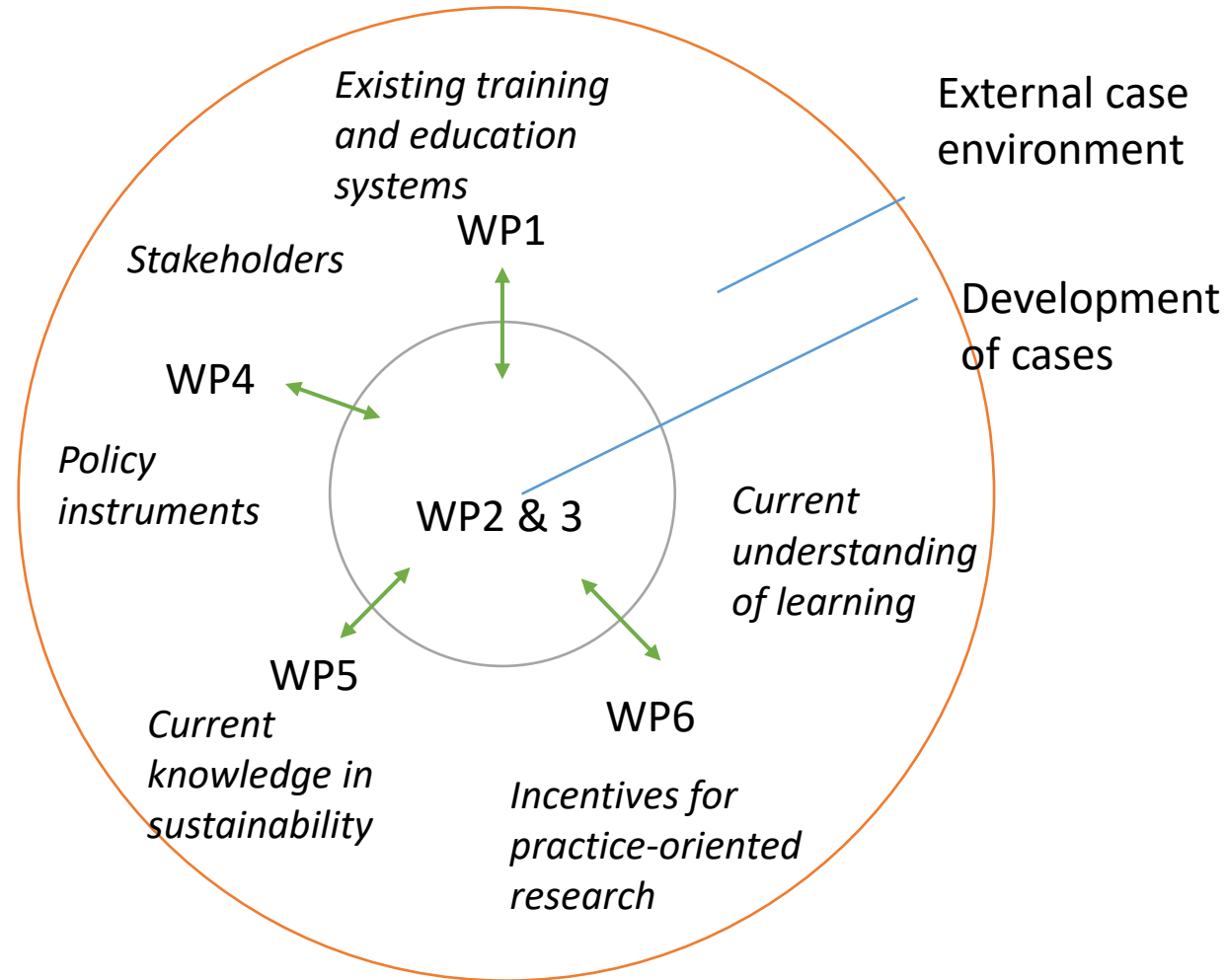
- Observe
- Dialogue
- Vision (principles)
- Reflection



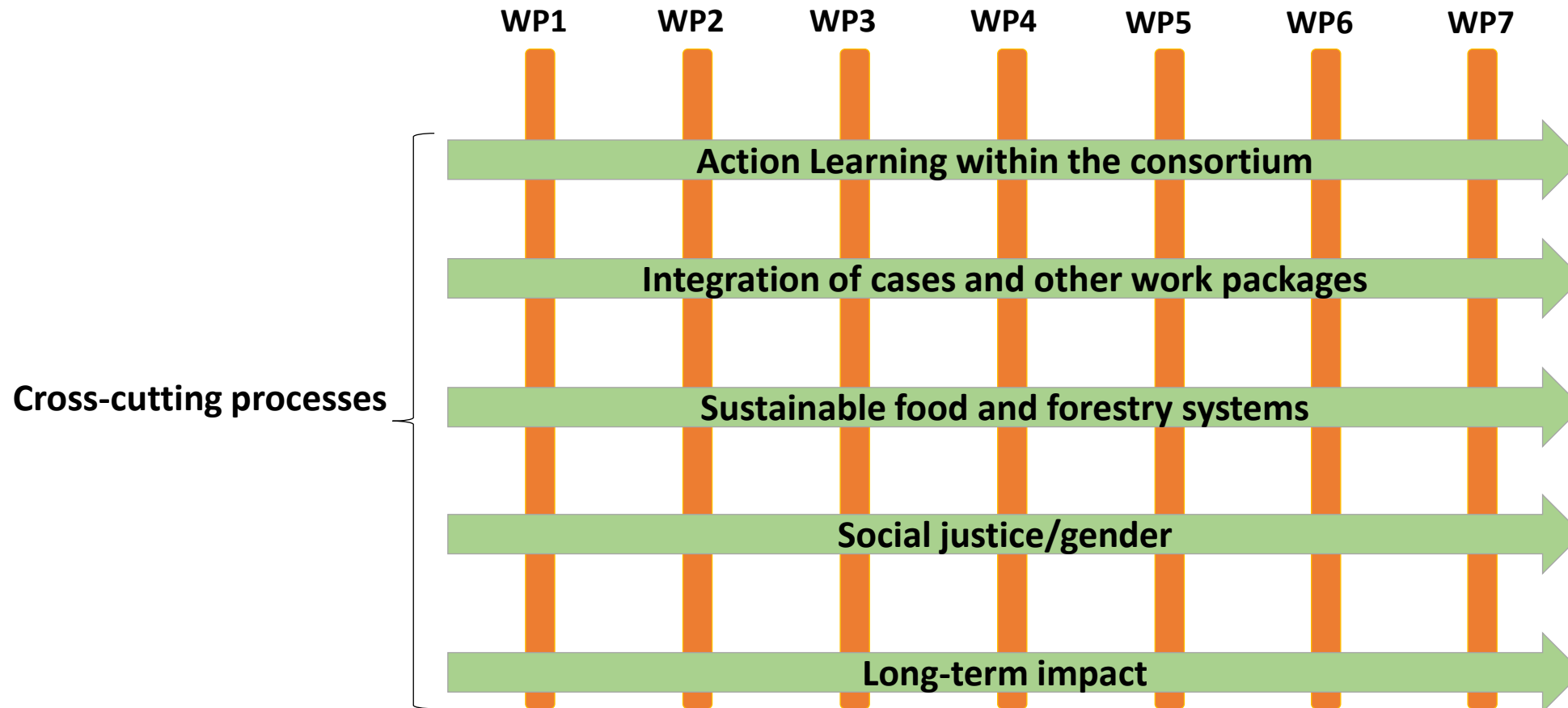
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Integración de los casos de estudio y los grupos de trabajo



Cross-cutting processes





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