

Co-Creation Factsheet: Towards the development of a dynamic management tool and reporting the institutional barriers to enhance uptake of agroforestry in Europe

(June 2025)

What was/will be produced

- A comprehensive graphical agroforestry conceptual model and a report on it
- A Decision Analysis-based Dynamic Agroforestry Management tool and a report on it
- A report on institutional barriers to enhance the uptake of agroforestry in Europe
- Improved dynamic agroforestry management tool (planned for the end of the project)

Who contributed to the work¹:

REFOREST Partners

OSA | DeFAF | ORC | INAGRO (Living Lab) | EMEA | CZU | SOE | TRAKIA UNI | FarmTree | EP

External Stakeholders and Experts Collaborators

Over 30 stakeholders and experts from different institutions| ABCDR project | Arbeitsgemeinschaft bäuerliche Landwirtschaft - Landesverband Nordrhein-Westfalen e.V.|

How?

- Attended seminars and workshops from allied agroforestry projects to gather cross-project insights.
- Organised a stakeholder workshop that produced the first draft of the graphical conceptual model.
- Refined that draft and the accompanying report with OSA and DeFAF.
- Held multiple sessions with ORC and the Mindrum UK living lab to frame their decision problem and prototype a decision-analysis tool with a user interface.
- Consulted with INAGRO on adapting the tool to their demonstration plot (Living Lab).
- Worked with Arbeitsgemeinschaft bäuerliche Landwirtschaft (NRW) to design their agroforestry plan via the dynamic tool.
- Collected information on CAP 2023-27 national plans and agroforestry adoption barriers from OSA, DeFAF, SOE, TRAKIA UNI, CZU and ORC.
- Coordinated with EMEA to align its institutional-barrier survey into the report.
- Compiled information on national agroforestry support schemes from several additional project partners, which is implemented in the user interface of the dynamic agroforestry management tool, and the database will be provided in Zenodo.

¹ The reports produced are the sole responsibility of its authors, external collaborators and partners were consulted to support their development but are in no way liable or responsible for the content of the report.

- Through the ReForest Platform network:
 - Presented the decision-analysis approach used in the development of the dynamic management tool and our intention to report on institutional barriers for agroforestry adoption at the December 2024 kick-off.
 - Planned a second workshop to refine the dynamic agroforestry management tool.
- Scheduled follow-up bilateral meetings with EMEA to implement their designed financial-scheme module in the tool to provide recommendations.

Snapshot from each contributor:

REFOREST PARTNERS	OSA	Contributed to the conceptual graphical model of AF systems and the country-specific mappings of institutional barriers, supplying detailed information on Poland's agroforestry financial support schemes and agroforestry integration in the 2023–2027 CAP Strategic Plan.
	DeFAF	Contributed to the conceptual graphical model of AF systems, the country-specific mappings of institutional barriers, and agroforestry integration in the 2023–2027 CAP Strategic Plan for Italy and France
	ORC	Facilitated discussions with farmers from one of the UK's living labs, which was then used to develop a dynamic management tool (silvopastoral system). Provided information on agroforestry financial schemes in the United Kingdom. Contributed to the model comparison detailing their work on the soil carbon and biodiversity estimation on agroforestry plots. Their preparation of a report on big data modelling opportunities in AF was submitted as an annex to the model comparison report.
	INAGRO	Provided information on their demonstration plot, which enabled us to develop a dynamic tool for their living lab; they also informed us on agroforestry financial schemes in Belgium.
	EMEA	UBO encouraged the German LL farmer to complete EMEA's stakeholder survey on policy barriers and support mechanisms; we were also able to distribute it to a broader audience through DeFAF's newsletter. Synergistically, EMEA provided crucial information on institutional barriers identified by farmers through these surveys. Discussions on the most attractive and optimal way to provide access to the dynamic agroforestry tool on the project website. Had bilateral discussions with EMEA regarding methodological alignment in predicting the impact of designed financial schemes and policies to provide well-informed recommendations. In the next step, we will work with EMEA and partners to integrate the designed schemes into the dynamic management tool, perform scenario analysis and provide recommendations.
	CZU	Contributed to the model detailing their work on the soil carbon and biodiversity estimation on agroforestry plots. Provided information on AF financial schemes in the Czech Republic and AF integration in the CZ 2023–2027 CAP Strategic Plan.
	SOE	Provided information on agroforestry financial schemes in Hungary and agroforestry integration in the 2023–2027 CAP Strategic Plan for Hungary.
	TRAKIA UNI	Provided information on agroforestry financial schemes in Bulgaria and agroforestry integration in the 2023–2027 CAP Strategic Plan for Bulgaria.
	FarmTree	Contributed to the model comparison detailing their tool, specifically the soil carbon and biodiversity models.
	EP	Communicated about our work and contribution on different social media platforms

Stakeholders and experts	Engaged through workshops and meetings to support graphical conceptual model development and parameterization of the model input variables.	EXTERNAL STAKEHOLDER S AND EXPERTS
ABCDR	Carbon dynamic model function for the dynamic tool	
Arbeitsgemeinschaft bäuerliche Landwirtschaft - Landesverband Nordrhein-Westfalen e.V.	Multiple discussions were held to develop a dynamic management tool based on one of the agroforestry plans proposed by a member.	