

Co-Creation Factsheet: **FarmTree Tool Enhancement** and **Living Lab Integration** in the ReForest Project

(June 2025)

What was/will be produced

- Enhanced FarmTree Tool with expanded functionality for European silvo-arable system and other agroforestry designs
- Living Lab scenarios for improved reporting and comparison analysis
- ReForest webinar: "[Designing your agroforestry system with the FarmTree Tool - A case study from the UK Living Lab](#)"
- Scientific paper on the FarmTree Tool (in collaboration with ReForest partners)

Who contributed to the work:

REFOREST Partners

FarmTree | UCPH | UK Living Lab Partners | All Living Lab Partners

External Stakeholders and Experts Collaborators

DigitAF Project Partners | UK Agroforestry Practitioners (through Living Lab engagement)

How?

- **Living Lab Integration:** Created detailed scenarios of living lab farms to improve modelling capabilities and decision-making processes
- **Tool Enhancement:** Added flexibility for designing silvo-arable systems based on improvement suggestions initiated by UK Living Lab partners and feedback from ReForest consortium
- **Database Development:** Integrated key European temperate species data and product pricing (e.g., apple prices) into the FarmTree's Component of AgroForestry Systems (CAFS) Database, with species calibration supported by UCPH data collection
- **Knowledge Sharing Events:**
 - Participation in DigitAF Workshop (Utrecht, Netherlands, 2024)
 - Creation and delivery of ReForest webinar demonstrating FarmTree Tool using UK Living Lab scenarios
- **Collaborative Research:** Planning scientific paper on FarmTree Tool in collaboration with UCPH
- **Scenario Development:** Created alternative scenarios for comparison analysis to support better agroforestry planning decisions

Snapshot from each contributor:

REFOREST Partners

REFOREST PARTNERS	UCPH	Provided data collection support for FarmTree Tool enhancement. Contributed to a planned scientific paper on the FarmTree Tool and provided essential data for calibrating European temperate species in the CAFS database.
	FarmTree	Led tool enhancement, database integration, scenario creation, and webinar delivery. Provided technical expertise in agroforestry system modelling and decision support tools.
	UK Living Lab Partners	Initiated suggestions for tool improvements and provided real-world farm insights. Participated in a webinar case study demonstration and contributed to UK Living Lab scenario development.
	All Living Lab Partners	Collaborated on creating scenarios for their respective living labs, providing local knowledge and farm-specific data to enhance scenario accuracy and relevance.

DigitAF Project Partners	Shared knowledge and best practices in digital agroforestry tools during workshop participation. Provided insights for tool enhancement and integration approaches.	EXTERNAL STAKEHOLDERS AND EXPERTS
UK Agroforestry Practitioners	Contributed practical knowledge through Living Lab engagement, informing realistic scenario development and tool functionality requirements.	