



REFOREST

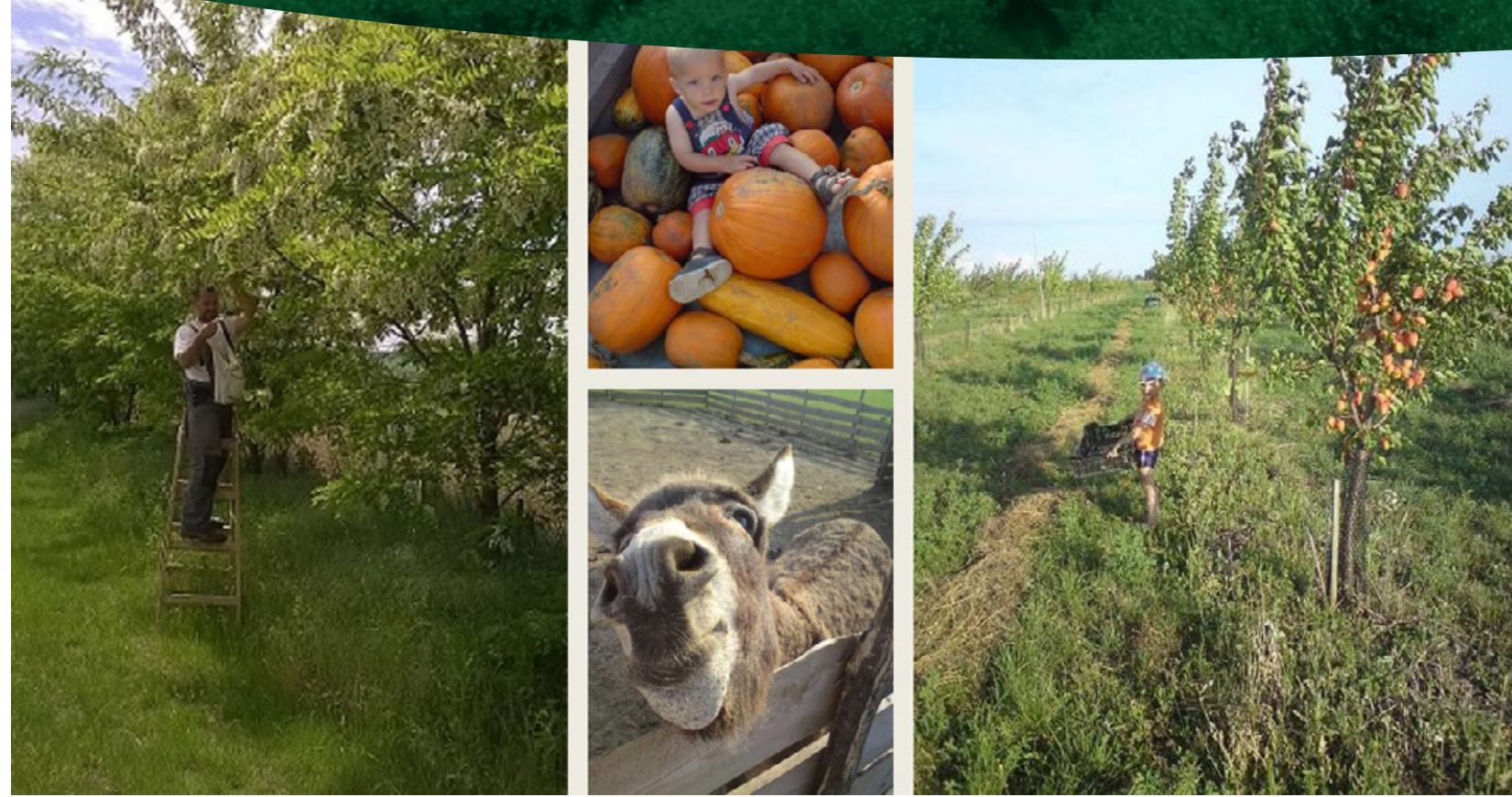


Agroforestry can contribute to meeting the growing demand for wood

AUTHORS ANDREA VITYI¹ | DÁNIEL WINKLER² | KATALIN TUBA³ | GÉZA KIRÁLY⁵ | ANDRÁS POLGÁR¹ | ATTILA BENKE⁴ | ATTILA BOROVIČS⁴ | ANDREA VÁGVÖLGYI¹



- ¹ Institute of Environmental Protection and Nature Conservation
- ² Institute of Wildlife Management and Wildlife Biology
- ³ Institute of Forest and Natural Resource Management
- ⁴ Forest Research Institute
- ⁵ Institute of Geomatics and Civil Engineering



▲ LL No 1: Mixed agroforestry

Quantifying ecosystem services

WP3
WP4
WP5

Through field surveys, laboratory tests and remote sensing data analysis, REFOREST results contribute to the development of decision-making, control and financial support tools that cover the entire value chain. University of Sopron works in cooperation with the Hungarian Agroforestry Living Labs to quantify ecosystem services to ensure that the social and economic value of ecosystem services are realized. Through promoting the application of agroforestry practices, REFOREST can effectively collaborate with the forestry sector in the realization of future bioeconomic goals.



▲ LL No 2: Silvopastoral system

The Hungarian Living Labs (LLs) and the planned collaborate work

Development of decision-making, control and financial support tools that cover the entire value chain.

Networking & knowledge share

WPI
WP2

One of the key challenges currently limiting the expansion of such practices is the lack of knowledge and expertise within stakeholder groups. Through research and promotion of agroforestry, higher forestry education can significantly contribute to filling this gap and thus address the increasing demand for biomass whilst taking into account the louder calls for nature conservation or close-to-nature production. REFOREST project creates the conditions under which the agricultural application of agroforestry can become accepted and attractive through research and practical knowledge sharing, in cooperation with the participating higher education and research institutions.

The growing demand for wood has put increasing pressure on forest management. Agroforestry (AF) can relieve this pressure, since AF practices applied in agricultural areas contribute to improving the yield of wood for log and energy purposes, while significantly increasing the ecosystem services of cultivation systems.

LCA assessment

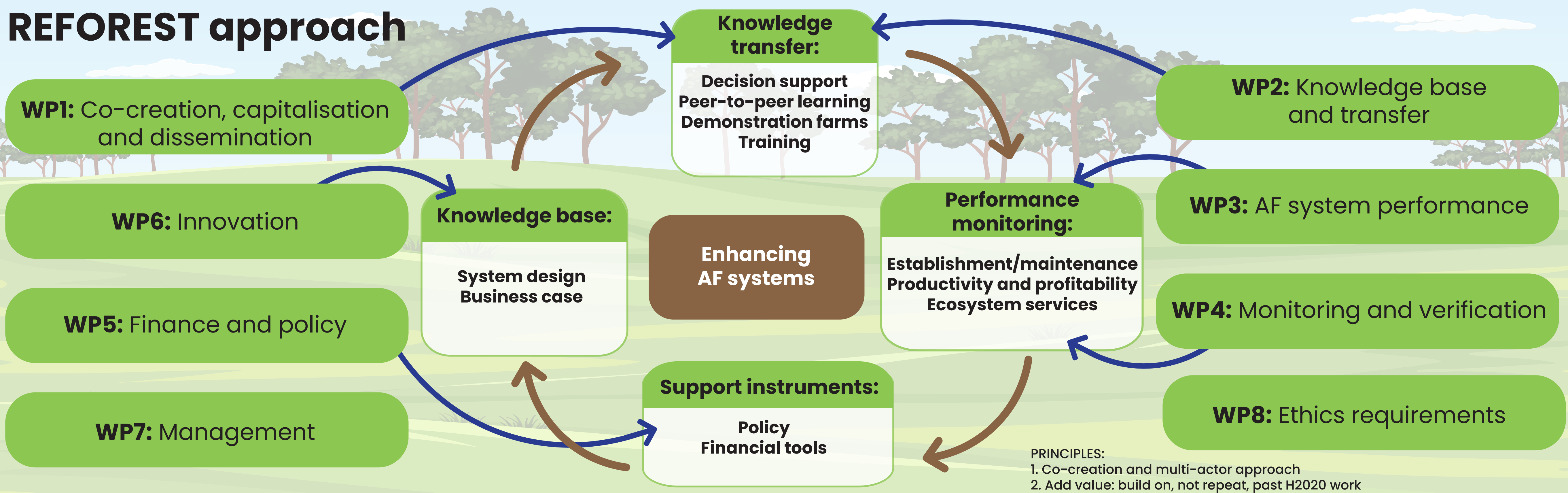
WP4

To meet growing expectations, agricultural sector must strive to realize sustainable food and wood production by internalising the value of ecosystem services – especially of carbon and biodiversity – in business models. Applying agricultural sector life cycle assessment (LCA) to achieve both internal (comparative) and external (efficiency enhancing) benefits is a priority.



▲ LL No 3: Alley cropping

REFOREST approach



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