



Forest ecosystem adaptation to global changes

A long-term, forest-focused, pan-European and distributed Research Infrastructure for tailoring adaptation strategies towards sustainable forest management - <https://europe.in-sylva.com/>

Lead Country

General Secretary

Coordinating Parties

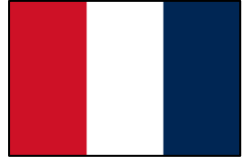
FRANCE



INRAE



CIRAD, URN



- Luke/FINLAND



- IGN-UCPH/DENMARK



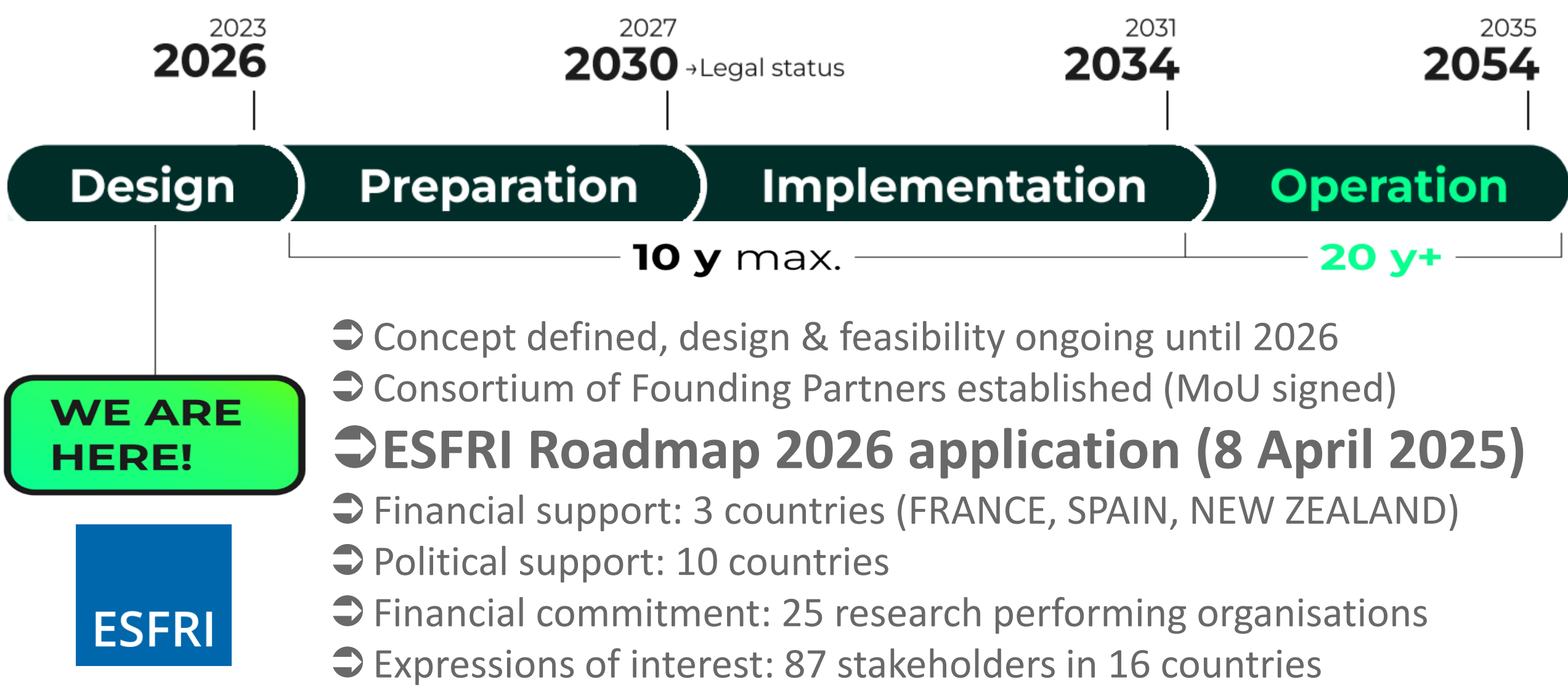
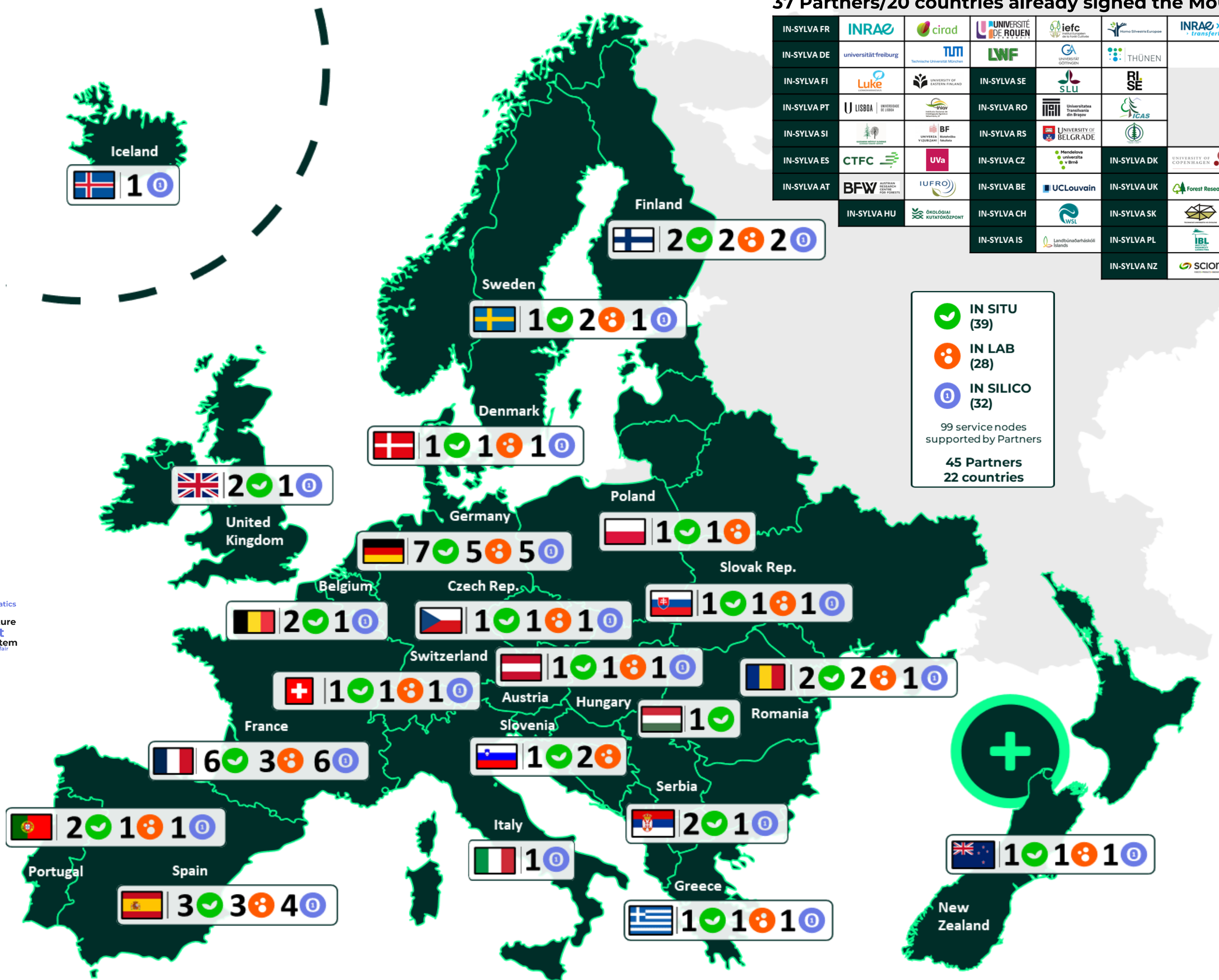
Can we maintain the services provided by Europe's forest ecosystems in the face of global change?



① ③ ONF | ② THIBAUD MORITZ / AFP

Structuring forestry R&D around experimentation to drive innovation

Joining forces from a large international partnership providing > 200 Services



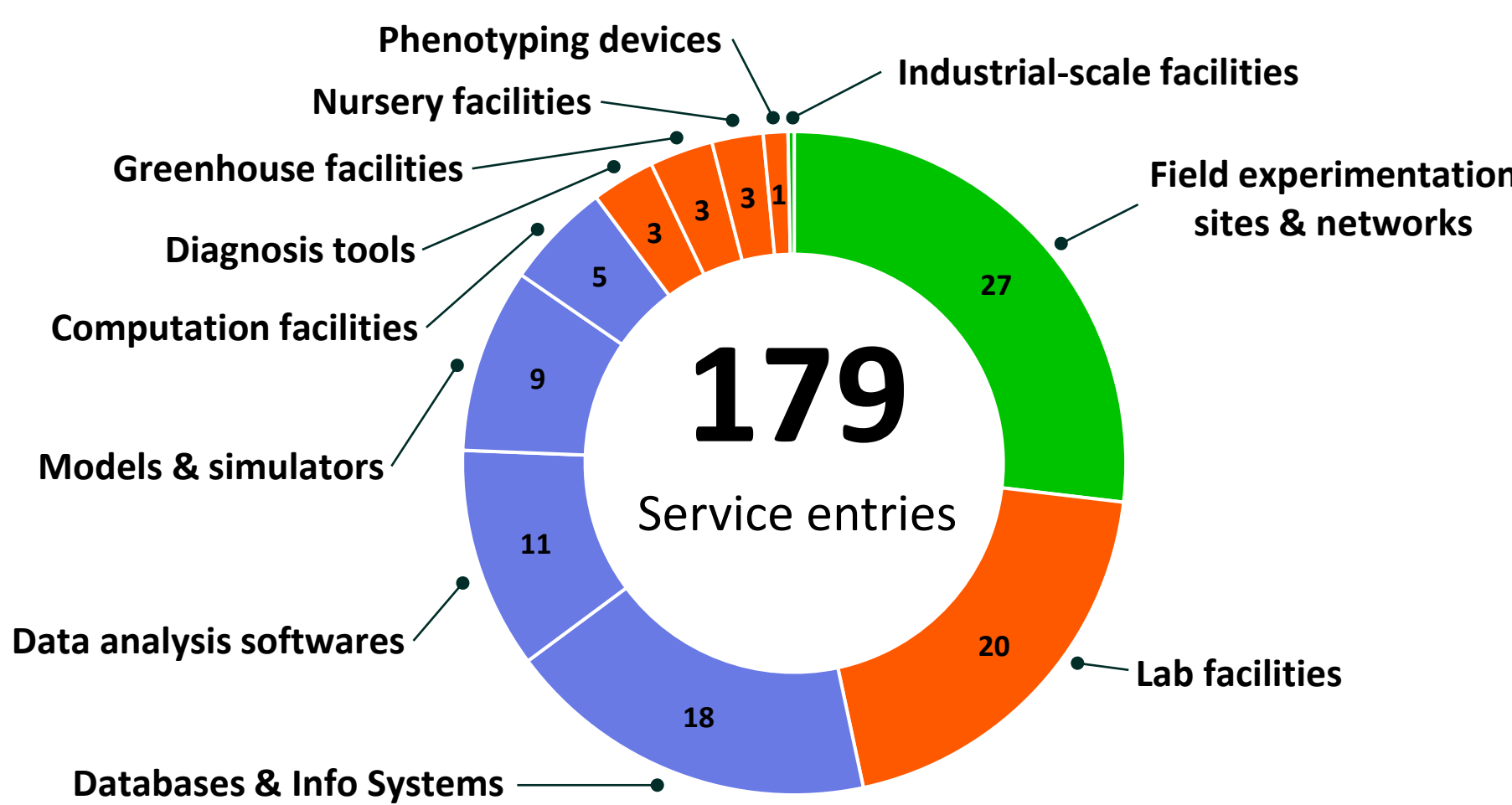
A 207 M€ invest. plan

ESTIMATED COSTS	TOTAL (M€)	COMMITMENT (M€)	COVERAGE (%)	FORESEEN LARGE INVESTMENTS DURING IMPLEMENTATION (discussion in progress with partners)	
TOTAL INVESTMENT (from 2023)	207	55.15	26.6	 IN 32.7 M€	✦ IoT modular sticks ✦ Drone squadrons ✦ Off-road robots ✦ Upgrade/harmonisation of existing facilities
DESIGN (2023-2024)	2	2.0	100	 IN 23.0 M€	✦ High-throughput lab equipment for automatization & scaling-up ✦ Cutting-edge analytical instruments ✦ Buildings
PREPARATION (2027-2030)	8	7.32	91.5	 IN 8.5 M€	✦ Software (modelling, simulation, virtual reality) ✦ Hardware / high-performance computing, virtual headsets ✦ Hardware / data infrastructures ✦ Buildings (for low-equipped countries)
IMPLEMENTATION (2031-2034)	194	45.83	23.6	 IN 4.2 M€	✦ Demonstration & educational sites ✦ Digital learning platforms and virtual labs ✦ Scientific equipment dedicated to professional training and participatory sciences initiatives
TERMINATION (from 2049)	3	0	0		
AVERAGE ANNUAL OPERATION COSTS (from 2034)	37	19.79	53.3		

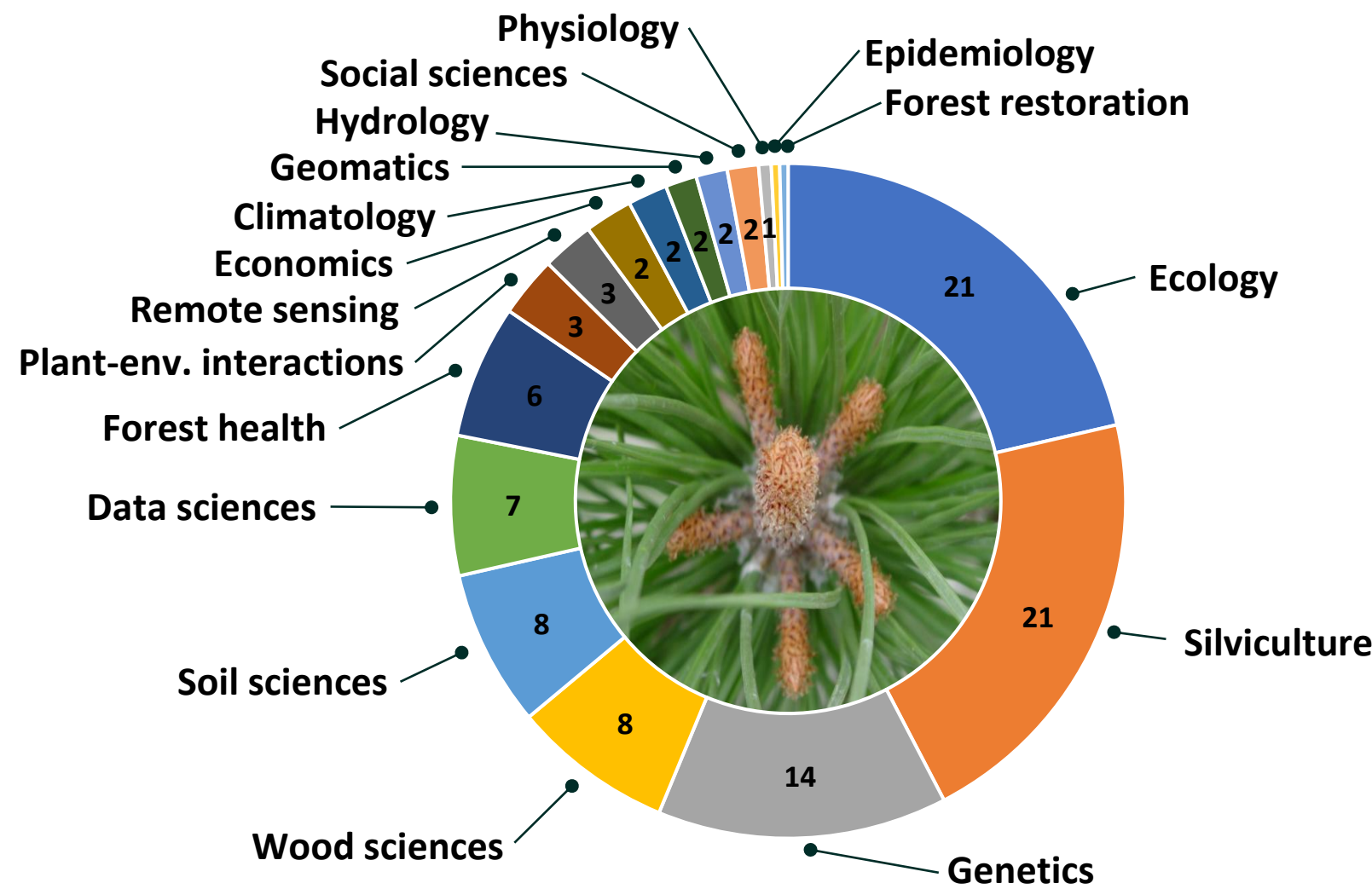
A one-stop shop access for forest stakeholders

IN-SYLVA Europe – September 2025

Service types (%)



Main scientific fields (%)



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