

MONITORING PLAN



Key project	LT-002-LEN-052023 LENTILLERES, ARDECHE
Title of the project activity	Forest 4Future Lentillères, Ardèche
Company	Life Terra - 2°much!

Year	2023				2024				2025				2026				2027				2028				2029				2030				2031				2032				2033				2034				2035				2036				2037 to 2063				END OF THE PROJECT
Project year	1				2				3				4				5				6				7				8				9				10				11				12				13				14				15 to 41				
Quarter (1: may; 2: august; 3: november; 4: february)	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Carbon in vegetation																																																													
Survival assessment on-site		1				1				1				1				1				1				1				1				1				1				1				1				1				1							
Satellite monitoring (NDVI)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Biomass sampling on-site (biometry)																																																													
Biomass assessment by drone images		1				1				1				1				1				1				1				1				1				1				1				1				1											
Biomass assessment remotely (ML)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Carbon in soil																																																													
On-site sampling & lab tests		1				1				1				1				1				1				1				1				1				1				1				1				1				1							
Satellite & ML assessment	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Biodiversity (on-site only)																																																													
Plant diversity		1				1				1				1				1				1				1				1				1				1				1				1				1											
Eco-acoustic sensors		1				1				1				1				1				1				1				1				1				1				1				1				1											
Groundwater recharge																																																													
On-site infiltration assessment & ML training		1				1				1				1				1				1				1				1				1				1				1				1				1											
ML infiltration assessment	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
Remote sensing CN+waterbalance model	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Soil health and erosion																																																													
Soil health indicators sampling on-site & lab test		1				1				1				1				1				1				1				1				1				1				1				1				1				1							
Soil erosion modelling remotely		1				1				1				1				1				1				1				1				1				1				1				1				1				1							

*Annual monitoring of each credit (water, soil and carbon removal)
will be performed for the time necessary to demonstrate the
benefit of the project or up to 40 years.