



ANR-22-PEXF-0008

Soil microbial Carbon And Nutrient use Efficiency in managed Terrestrial **Ecosystems (CANETE)** PI: Gwenaëlle Lashermes INRAE UNIVERSITÉ DE LORRAINE L'INSTITUT agro Montpellier SCIENCES SORBONNE UNIVERSITÉ UNIVERSITÉ CNrs INRAQ, AgroParisTech 🛓

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Project overview : soil microbial physiology contribution to C-N cycles



AN AMARANA STALLAR

- Permanent grassland
- Agroforestry
- Forest

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1,488 k€, 2023-2028

CANETE mixes agricultural and forestry systems specialists, experimenters and modelers, mechanistic and predictive modelers, PI sites (16 lab)

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Kick-off with the consortium & international committee



International committee

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Stefano Manzoni (Stockholm University, Sweden)
Steven Sleutel (Ghent University, Belgium)
Andreas Richter (Vienna University, Austria)
Jean-Thomas Cornelis (University of British Columbia, Canada)
Lionel Alletto (INRAE AGIR, France)





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We had a great and thoughtful time!



PROGRAMME DE RECHERCHE

CARBONE ET

écosystèmes

Feedback

Your consortium is great, but you should narrow the project's ambitions, rethink what you can study for each site.

THE REAL PROPERTY OF

29/11/2024



The first year of the project

- Postponement of sampling campaigns
 → 2025 will be intense !
- Work with an external facilitator to refine the objectives and consolidate the experimental and modelling approaches
- Six Thinking Hats THE MULTI-MILLION-COPY BESTSELLER
- Choice of sites and treatments
- Writing of the implementation plan in progress

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A **research engineer to coordinate** the project & a **master 2** student are coming soon

We're looking for a PhD student to work on the soil C-N stabilization processes
& 2 lab technicians on biogeochemical analyses

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Recruiting new colleaguesCharlotte Stutzmann:Post

research engineer – microbial NUE determination FairCarboN mobility in Vienna



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ter:labs

Mubarak Mahmud: post-doc - plant NUE determination

Hugo Lemoine: master 2 student

	Poster
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APPENDIX AND A DECIMAL AND A

















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