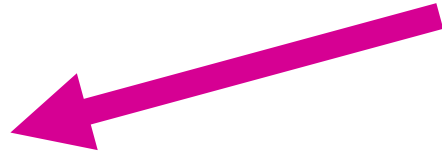




PROGRAMME DE RECHERCHE
**CARBONE ET ÉCOSYSTÈMES
CONTINENTAUX**

Le **PEPR FairCarboN** étudie la contribution des écosystèmes continentaux à la réduction des émissions GES et à l'absorption de CO₂ atmosphérique

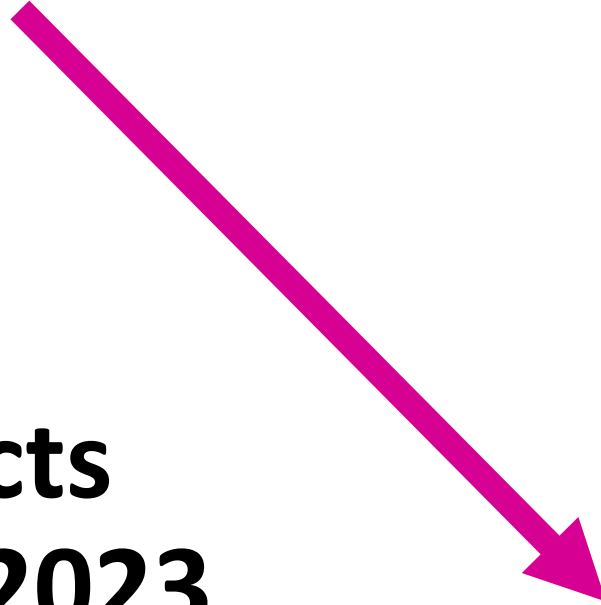
16 projects



**5 Target projects
2022**



**6 projects
First Call 2023**



**5 projects
Second Call 2024**

FairCarboN Organisation

Call for proposals 2023-2024 : 4 axes

11 projects

Funding : 15 M€

Axis 1
Continuum land –
aquatic ecosystems

Axis 3
Plant biomass
production and use

Axis 2
Coupling of
biogeochemical cycles
(C,N, P, H₂O)

Axis 4
Economic and social
issues: drivers and
impacts of change

5 target projects

PC1 - ALAMOD
Shared, accurate models
and open datasets

Funding : 7 M€

PC2 - SLAM-B
Scenario labs to design
and evaluate trajectories
toward C neutrality

Funding : 6.5 M€

PC3, PC4 & PC5
Support Research
Infrastructures:
GHG flux towers
Experimental cropping
systems
Continuum land–aquatic
ecosystems
(métropole, outremer et
pays du Sud)

Funding : 6.3 M€

Governance : Management & Coordination of FairCarboN program

funding : 5.2 M€

11 projects distributed in 4 axes

land-aquatic ecosystems

TROPECOS, Carbon budgets of TROPical coastal ECOSystems in the Anthropocene.

DEEP-C, Carbon sink or methane source – local to global scale assesment of lentic waters, role in the climate system.

PEACE, Permafrost Ecosystem changes across the Arctic: Carbon and nutrients cycling in terrestrial-aquatic Environments.

CABESTAN, The carbon cycle at the land-sea interface in the context of tidal zones and wetlands of the Atlantic and Channel coasts.

CANETE, Soil microbial Carbon And Nutrient use Efficiency in managed Terrestrial Ecosystems.

Drought forC, Drought impacts on carbon stocks and fluxes in forest ecosystems: experiments and modeling.

Biochemical Cycles

C in Vegetal Biomass

CO2-CMPHi, CO2 concentration mechanisms in photosynthetic microorganisms.

GreenScale, Growing Resilient Ecosystems: Enhancing Nitrogen Savings and Carbon in Agriculture - a Leverage of Efficiency.

RhizoSeqC, Optimizing rhizodeposition to increase carbon sequestration in agrosystems

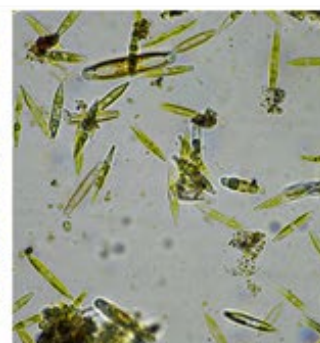
PRFALIM, Transitions towards carbon-neutral food systems: preferences, consumer welfare and public policies.

CLIM FAS, CLimate change Mitigation potential of the French Agricultural Sector.

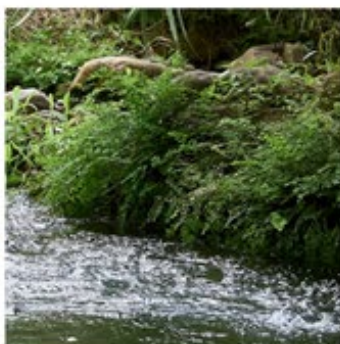
Economic and social science



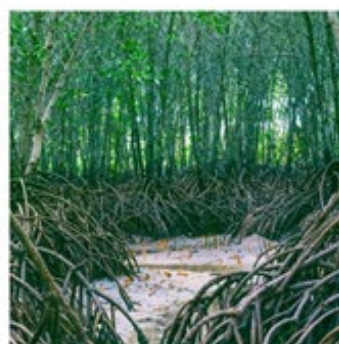
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*Liberté
Égalité
Fraternité*



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