



NBRACER
Nature Based Solutions
for Atlantic Regional Climate Resilience

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for Atlantic Regional Climate Resilience

*Des solutions fondées sur la nature pour la résilience
climatique des régions atlantiques*

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Regional Coordinator



Funded by
the European Union



RÉGION
**Nouvelle-
Aquitaine**

HORIZON-MISS-2022-CLIMA-01



To accelerate the transformation towards **climate resilient regions** that are safe, green, clean and healthy, NBRACER will work with demonstrating and replicating regions in the Atlantic biogeographical area, across sectors and disciplines, experimenting and involving local communities.

Duration

48 mois

10/2023 - 09/2027

Budget total

18 159 207,50 €



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Atlantic Regions



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Regions



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Demonstrating Regions



**Porto Metropolitan
(PT)**



Cantabria (ES)



**Central
Denmark (DK)**



**Nouvelle-
Aquitaine (FR)**



**West-Flanders
(BE)**

Replicating Regions



Cávado (PT)



East-Flanders (BE)



Fryslân (NL)



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Landscapes



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Marine & Coastal



Urban



Rural



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Demonstrators in Nouvelle-Aquitaine



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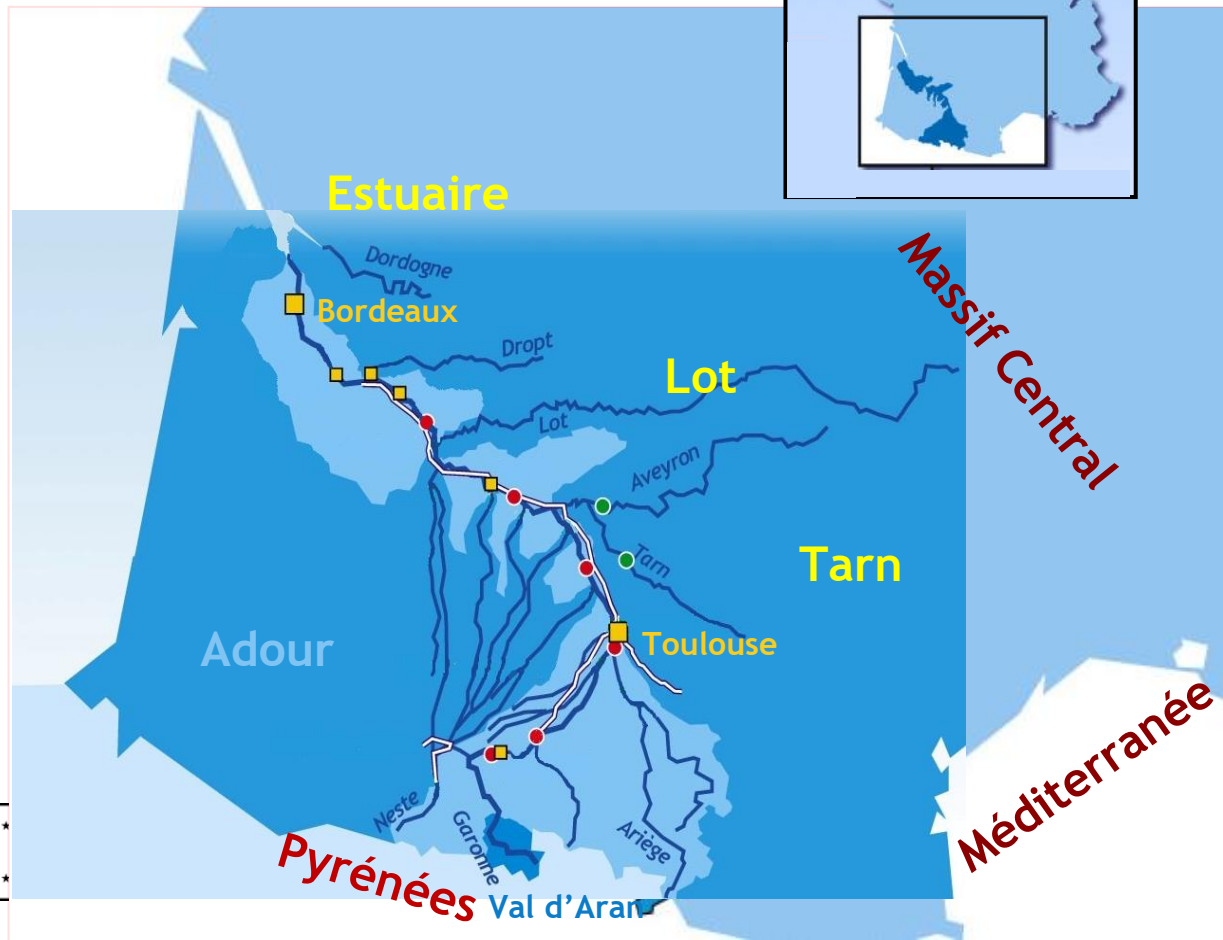
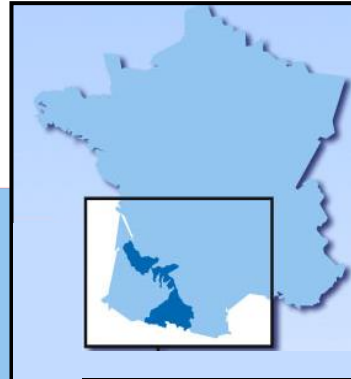


The Garonne river affected by climate change



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► 487 km en France



By 2030:

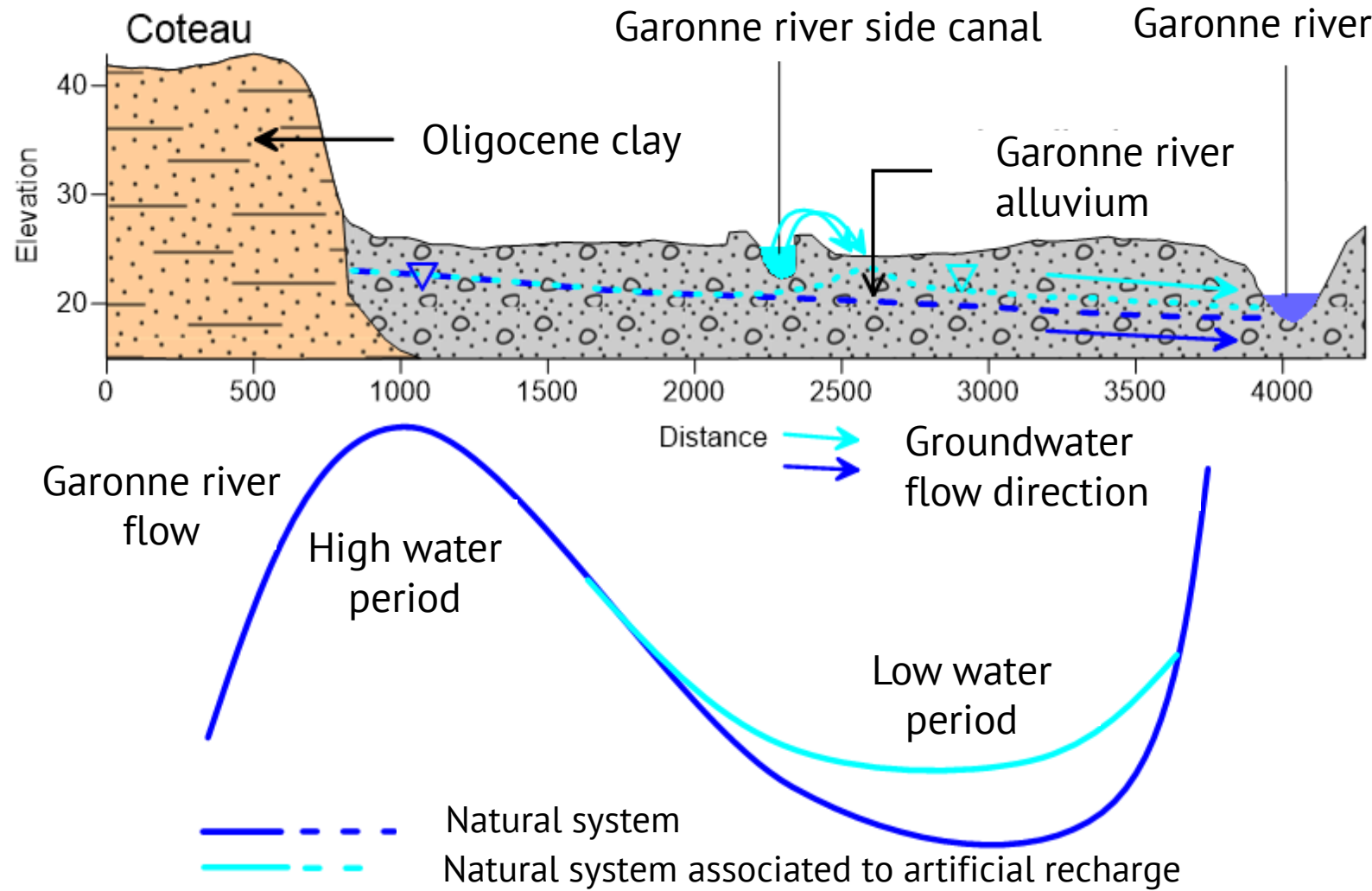
- Decrease of 'natural' flows in the Garonne river of between 13 % and 32 % (higher in the Pyrenees)
- A sharp drop in snowfall in the Pyrenees
- Lower groundwater recharge
- Constantly rising temperatures (+1.5 to 2 °C on average)

Impacts on:

- Water availability
- Biodiversity loss



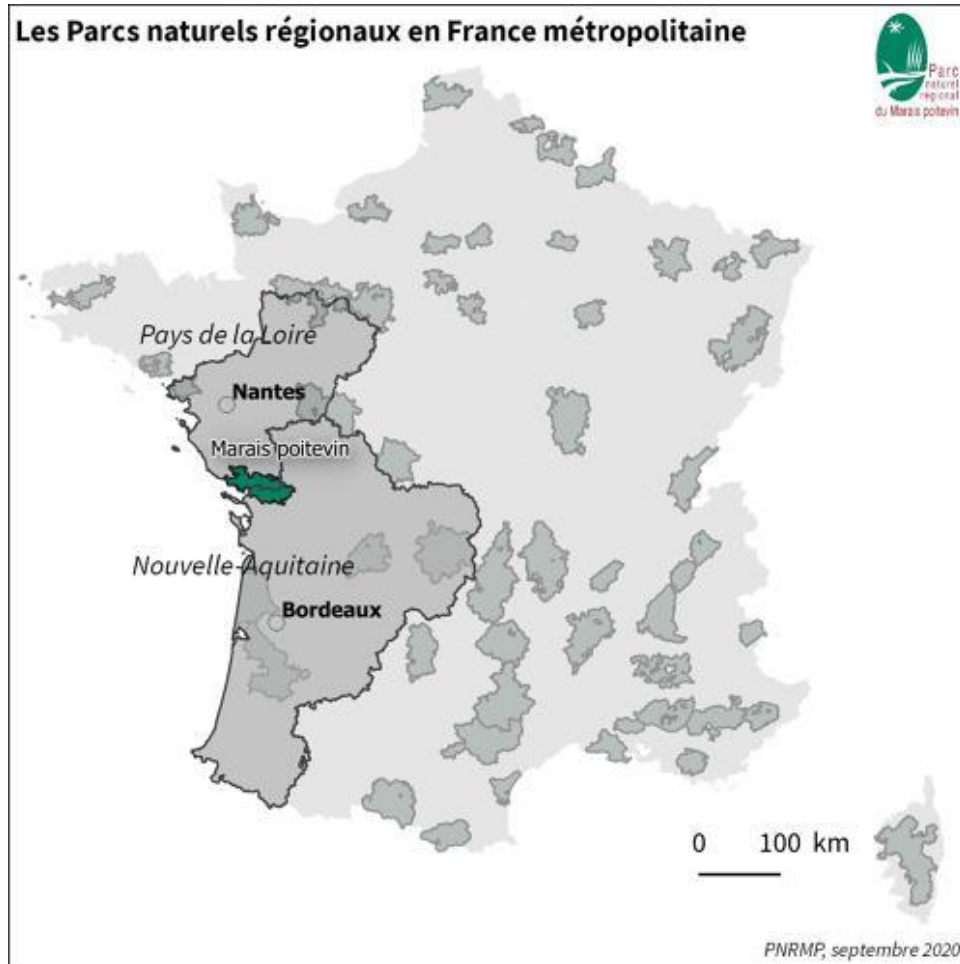
RAMAGE Project: Annual Recharge and Alluvial Maintenance of the Garonne in Low Water



Le Marais poitevin



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Important wetland on the French Atlantic coast

- Ramsar site
- 150 km coastline

A remarkable natural heritage

- 337 bird species
- 54 mammal species
- 54 species of dragonfly
- 63 butterfly species
- 34 fish species
- 17 amphibians
- 1,000 plant species



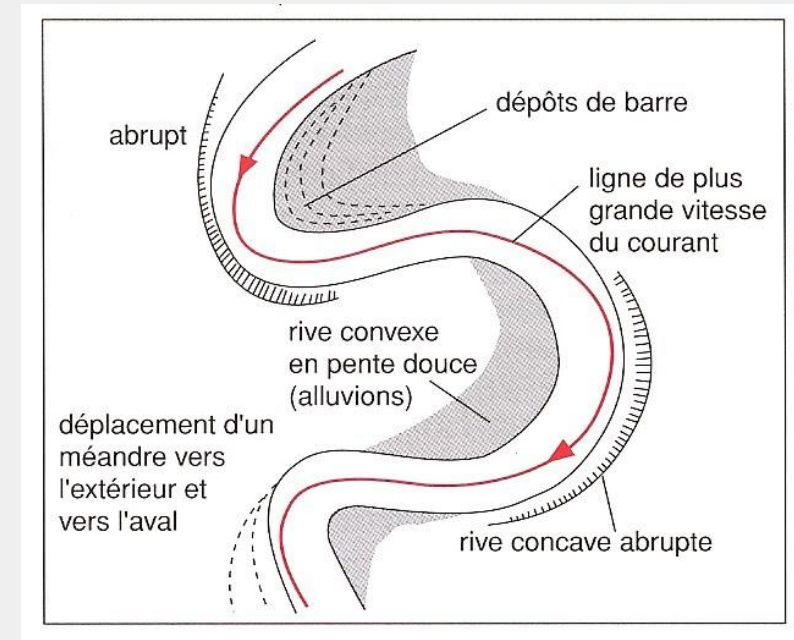
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Restoration of river morphology through sediment recharge

- Installation of mineral banks to restore the ecological functions of watercourses
- Restoring river dynamics, restoring all or part of the hydrosystem's functionality (ie.: fish habitats, oxygenation...)
- NBRACER ► measure the impacts of surface water courses modifications on the watertable





Région Nouvelle-Aquitaine role

- **Coordinate regional partners in the NBRACER project**
- **Monitor the progress of the project**
- **Create synergies with local actors working on NbS**
- **Propose actions**
 - ✓ **Awareness day in November**
 - ✓ **Regional workshops**
 - ✓ **...**



Thank you – Gracias – Merci

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