



ALICE

4 KEY DEMONSTRATION SITES ACROSS THE ATLANTIC AREA

BLUE-GREEN INFRASTRUCTURE NETWORKS

Carlingford Lough
NORTHERN IRELAND

Couesnon Catchment and Estuary
FRANCE

Paiva River
PORTUGAL

Pas, Miera & Asón Catchments
SPAIN

ECOSYSTEM SERVICES

GLOBAL CHANGE

STAKEHOLDERS

Carlingford Lough NORTHERN IRELAND

Located on the East Coast of Ireland straddling the border between Northern Ireland and the Republic of Ireland. The case study is a coastal embayment surrounded by mountains.



Couesnon Catchment and Estuary FRANCE

The Case Study includes the Couesnon river catchment located in North-Western France in the Armorican massif. This small river catchment discharges into the bay of Mont-Saint-Michel.



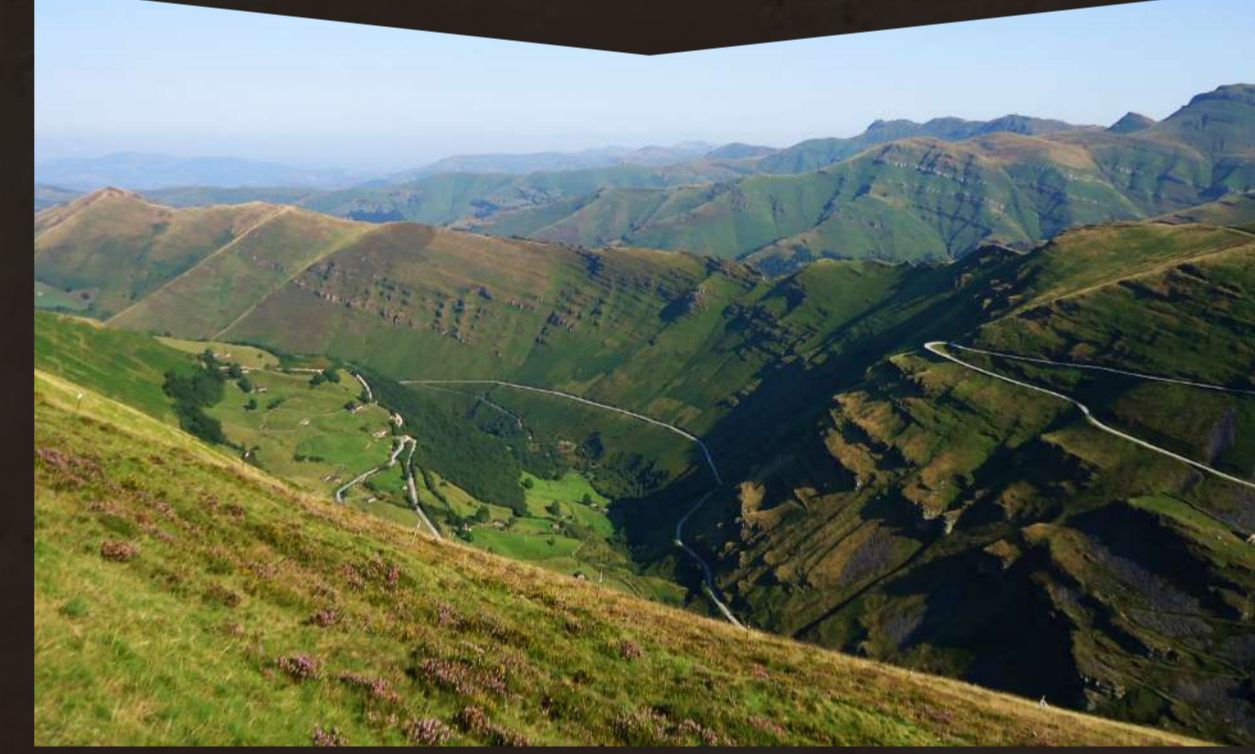
Paiva River PORTUGAL

Paiva river is a tributary of the Douro, situated in Northern Portugal and it is considered one of the least polluted in Europe.



Pas, Miera & Asón Catchments SPAIN

The study case encompasses Pas, Miera and Asón river basins and estuaries, located in Northern Spain. The basins are enclosed in the oriental part of the Cantabrian Cordillera.



Where we want to go

GOALS

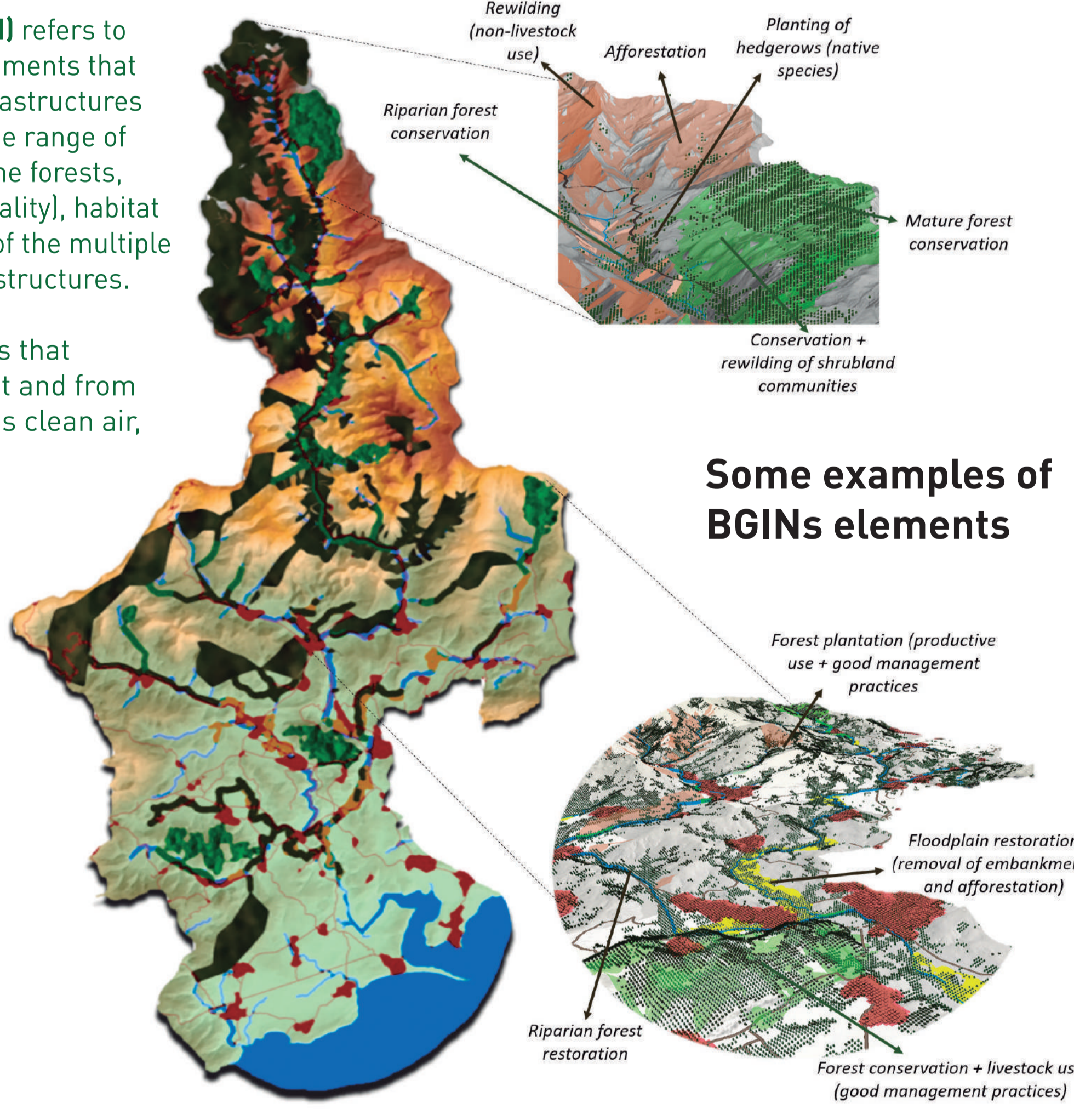
Contribute to a common methodology to assist local and regional actors with coastal and inland landscape management.

- Designing Blue-Green Infrastructure Networks (BGINs)
- Developing methods to model multiple ecosystem services
- Identifying economic and social barriers on BGINs investments

Blue-Green Infrastructure Network (BGIN) refers to all natural and semi-natural landscape elements that can form a green-blue network. These infrastructures are designed and managed to deliver a wide range of ecosystem services. Restoration of coastline forests, retention of nutrients (to improve water quality), habitat improvement for target species are some of the multiple functions provided by blue and green infrastructures.

Ecosystem Services (ES) are the benefits that humans obtain from natural environment and from properly-functioning ecosystems, such as clean air, purified water and food provision.

- BGIN elements**
- To be conserved: Hillside ecosystems, Riparian and other lineal habitats
 - To be restored: Hillside areas, Foodplains, Riparian areas
 - Water bodies, Water courses
 - Population centre, Road



How are we getting that

MEANS

Integrate social, economic and environmental analytical tools and models.

- Satellite images, GIS data and modelling frameworks
MAPPING AQUATIC AND TERRESTRIAL FORMATIONS
- Multi-model platform
ENHANCING THE PREDICTIVE CAPACITY
- Social learning
BETWEEN RESEARCHERS AND STAKEHOLDERS



Improving the management of ATLANTIC LANDSCAPES: accounting for biodiversity and ecosystem services

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Interreg Atlantic Area
European Regional Development Fund

