

## Main objectives of the project

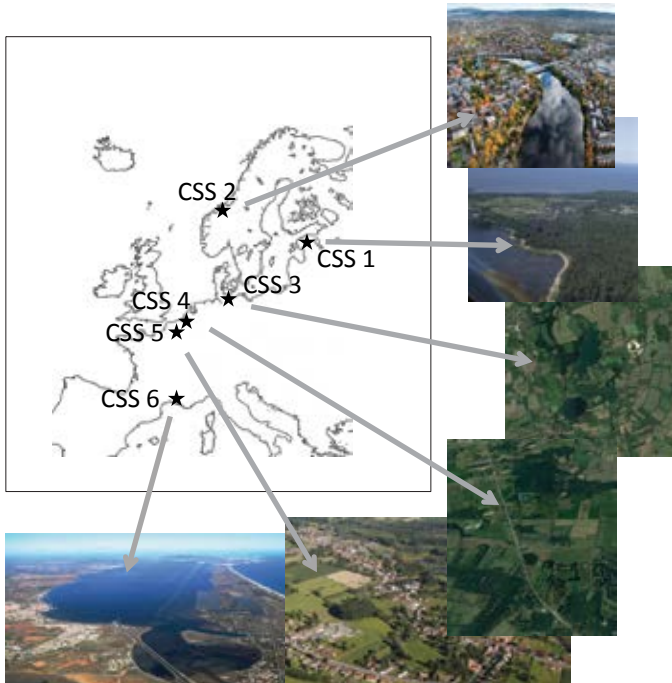
Using a multidisciplinary approach across six case study territories spanning a European north-south gradient from the boreal zone to the Mediterranean, the proposed project IMAGINE aims at quantifying the multiple functions, ecosystem services and benefits provided by Green Infrastructures (GI) in different contexts from rural to urban.

We aim to demonstrate **an integrative assessment of GI multifunctionality and biocapacity to deliver ES and to propose options to manage and design GI from patch to landscape.**

We will contribute to developing innovative approach to support ecosystems resilience, sustainable essential ecosystem services flows and contributing to human wellbeing to meet EU policy targets.

Identify and improve positive governance and regulation mechanisms to support these goals.

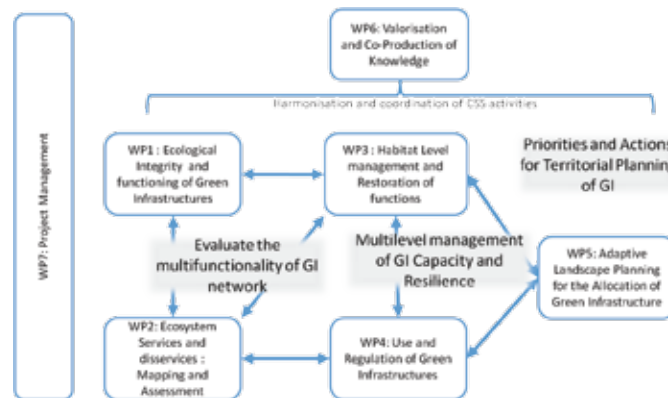
## A place based research covering 6 Case Study Sites



## Project organization

The IMAGINE Project has 6 research work packages and 1 management work package. Each partner is in charge of one work package with the exception of the project coordinator who is leading one thematic WP and the management WP.

According to the tiered approach we identified a core set of activities and indicators that are going to be produced for all the case study sites and a second set of more in-depth analysis that are going to be conducted only in some sites.



Project Coordinator: Philip Roche (Irstea)



## IMAGINE: Integrative Management of Green Infrastructures Multifunctionality, Ecosystem integrity and Ecosystem Services:

From assessment to regulation in socio-ecological systems (a BIODIVERSA3 project 2017-2020)

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IMAGINE is an ALTER-Net Project. It was initiated during a collaborative project brainstorming session during the ALTER-Net meeting 2015

The project website <http://imagine.irstea.fr>

# Key research topics of IMAGINE

Ecosystem integrity as a prerequisite to maintain self-organization and resilience capabilities of biodiversity and the capacity of GBI to supply multiple ES.

Variation in services and disservices provisioning by GBI along rural to urban and simple to complex landscape gradients, in order to arrive at a balanced assessment of GBI multifunctionalities.

Spatial and temporal mismatches of service providing units (SPU) and service benefiting units (SBU) in socio-ecological systems.

Management options to restore and design multifunctional GI networks at landscape scale.

Stakeholder-dependent demands and uses of ES.

Complex interactions and regulatory mechanisms at different governance levels.

