

MULTISOURCE



TransformAr

Accelerating and upscaling transformational adaptation in Europe:
demonstration of water-related innovation packages

Adaptation governance in Europe

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REGILIENCE OPEN SESSION ON MULTI-LEVEL GOVERNANCE – 11 March 2024



This project has received funding from the European Union's Horizon H2020 innovation action programme under grant agreement 101036683.



TransformAr

The Tale of TransformAr

H2020 Green Deal – Transformational Adaptation



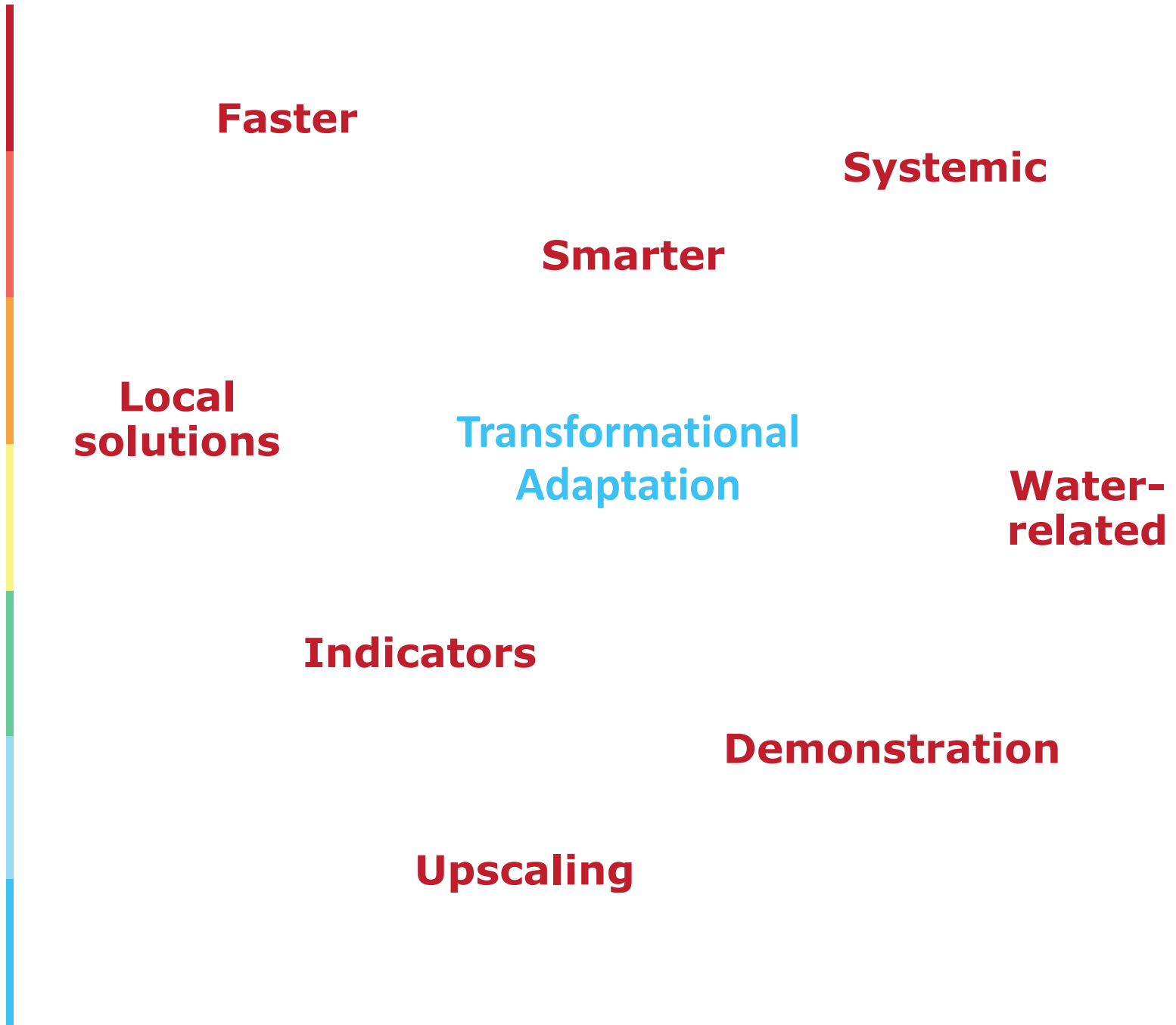
Save the planet

**'To change'
in Spanish**

**'A' for
Action,
Adaptation,
Antwerp**



PROJECT AIM
Solutions and Pathways
for Transformational
Adaptation (TA)



Faster

Systemic

Smarter

**Local
solutions**

**Transformational
Adaptation**

**Water-
related**

Indicators

Demonstration

Upscaling



TransformAr

Adaptation policies

Overview reports

ETC-CA Technical Paper 2/23



TransformAr

Accelerating and upscaling transformational adaptation in Europe: demonstration of water-related innovation packages

Governance Framework Tool and Report

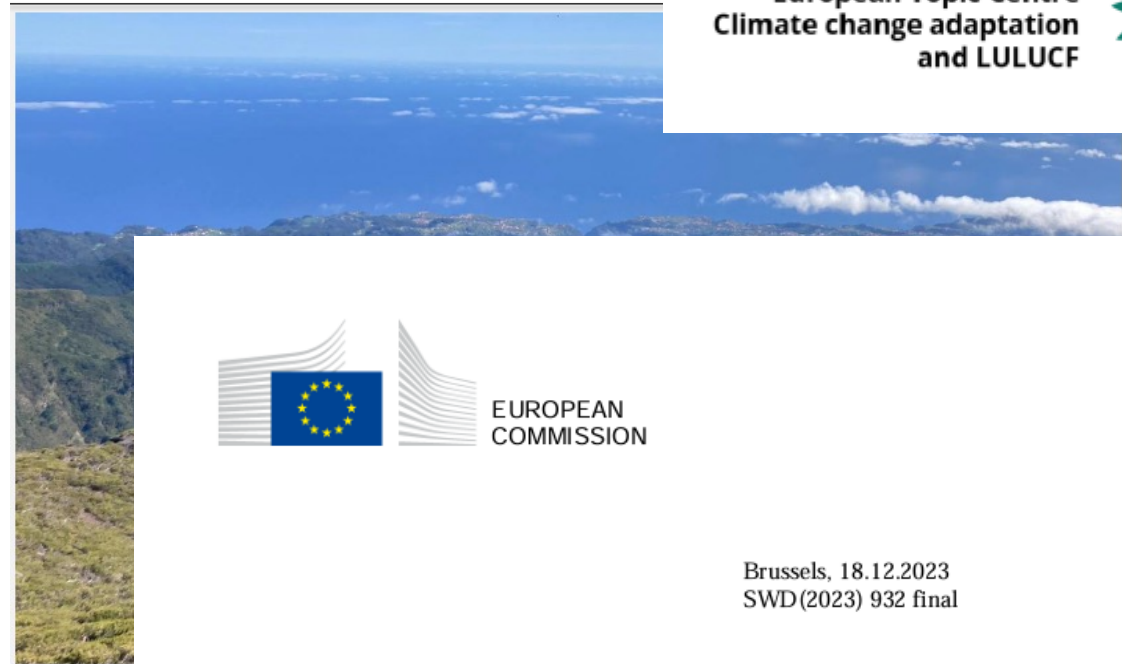
Deliverable 3.1

2022

Is Europe on track with climate resilience?

– Status of reported national adaptation actions in 2023

European Environment Agency
European Topic Centre
Climate change adaptation
and LULUCF



Brussels, 18.12.2023
SWD(2023) 932 final

COMMISSION STAFF WORKING DOCUMENT

Assessment of progress on climate adaptation in the individual Member States according to the European Climate Law



Voluntary requirements

EU Adaptation Strategy (2021)

(Revamped 2013 Adaptation Strategy)

Mayors Adapt initiative (2014)

(Covenant of Mayors for Climate & Energy)

(Sustainable Energy and Climate Action Plans, SECAP)

EU Mission Adaptation to Climate Change

(climate risk data, regional pathways, test and deploy solutions)

Legally binding requirements

GovReg - Energy Union

Governance Regulation

(2018 - National Energy and Climate Progress Reporting - NECPR)

EU Climate Law

(Art.5 Regulation 2021/1119)

EU Taxonomy on

Sustainable Finance (2020)

& Climate Delegated Act (2021)



National Adaptation Strategies (NAS)

Sectoral Adaptation Plans (SAP)





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Adaptation policies

Covenant of Mayors

Number of engaged cities in Covenant of Mayors of Climate and Energy

	Total	Of which on adaptation
Signatory cities	10,978	1,931
Action plans	7,765 (70.73%)	168 (8.7%)
Monitoring reports	2,545 (23.18%)	56 (2.9%)

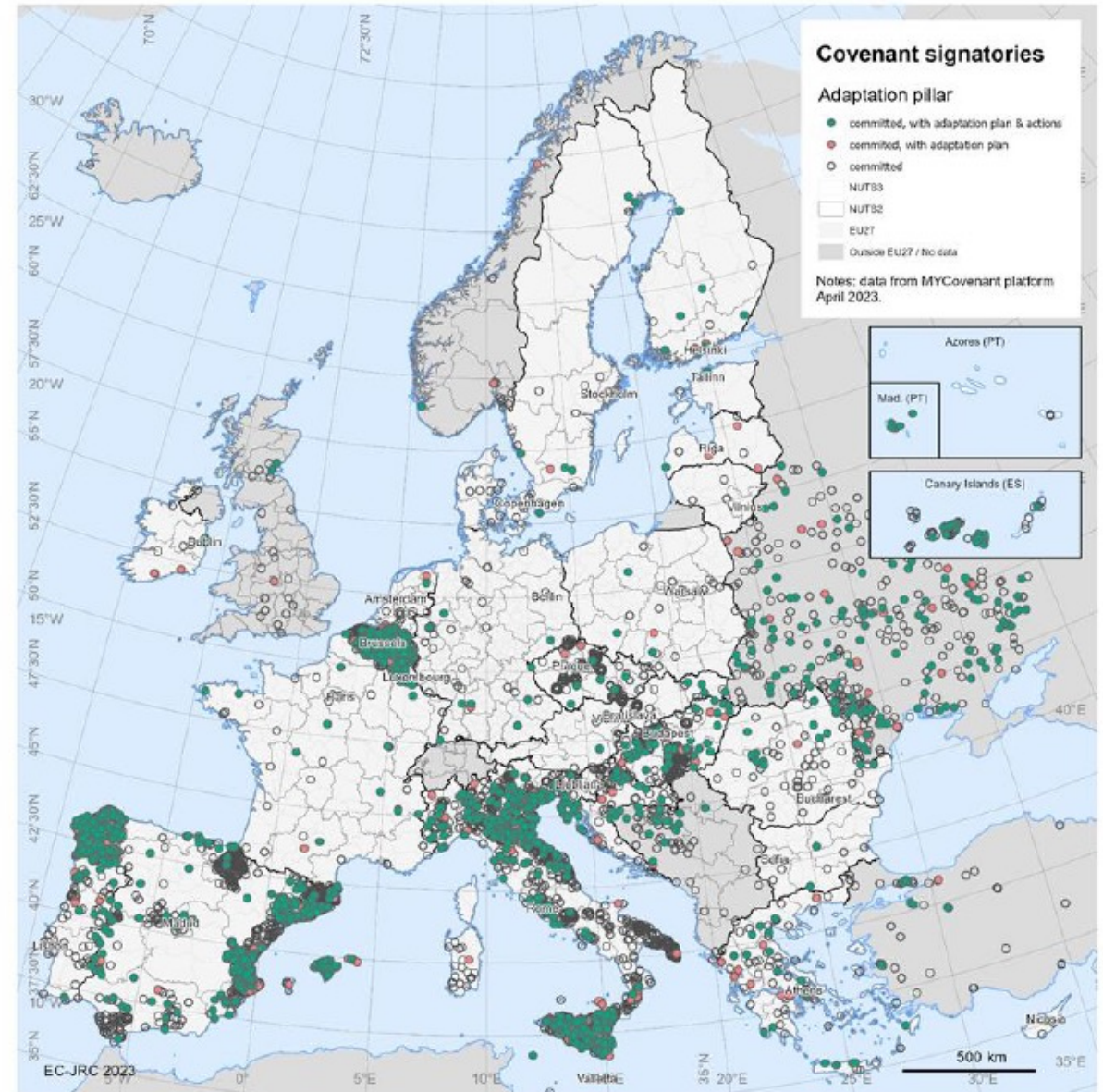
(Status May 2022, source: [Covenant of Mayors database](#))

Covenant signatories

Adaptation pillar

- committed, with adaptation plan & actions
- committed, with adaptation plan
- committed
- NUTS3
- NUTS2
- EU27
- Outside EU27 / No data

Map 1: Covenant of Mayors Europe signatories and coordinators with an adaptation commitment



Note: Based on data submitted in MyCovenant (updated April 2023).

[ETC-CA 2/2023](#)

Source: GCoM - MyCovenant, 4th Release - April 2023. European Commission, Joint Research Centre (JRC) [dataset] (Baldi et al., 2023).

Adaptation Mission Charter Signatories

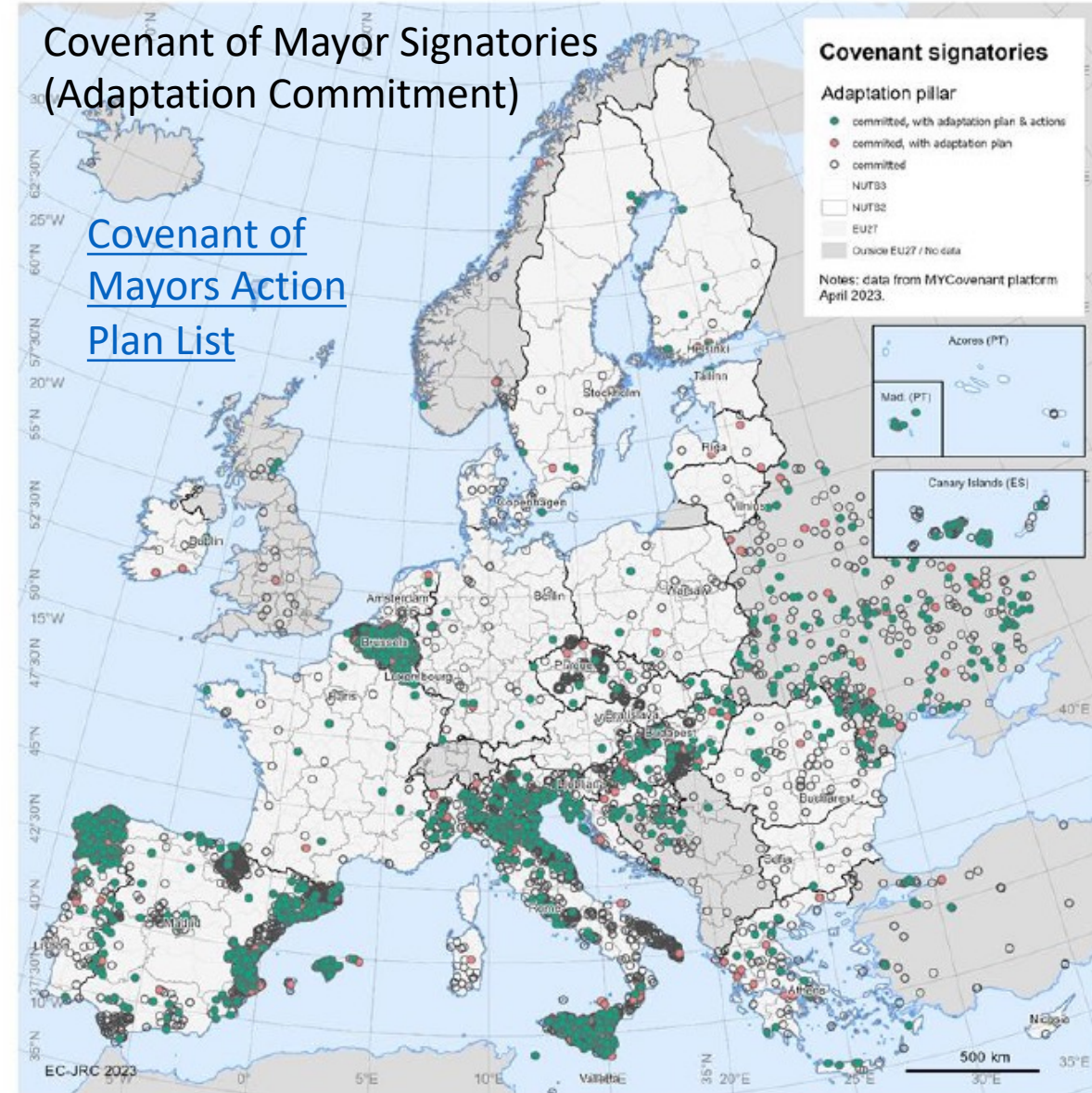
- > 50 through Horizon projects
- 311 in total

[Adaptation Dashboard](#)

Map 1: Covenant of Mayors Europe signatories and coordinators with an adaptation commitment

Covenant of Mayor Signatories (Adaptation Commitment)

[Covenant of Mayors Action Plan List](#)



Note: Based on data submitted in MyCovenant (updated April 2023).

Source: GCoM - MyCovenant, 4th Release - April 2023. European Commission, Joint Research Centre (JRC) [dataset]



All Member States have

- Climate risk assessments
- National adaptation strategies and/or plans
- Governance structures and mechanisms

BUT

- Sectoral climate risk assessments & sectoral adaptation plans limited
- Governance rarely linked to body with strong political authority across sectors
- Significant gaps in investments needs ... lack of dedicated budgets for adaptation
- Nature-based solutions included to a limited extent
- Impact of adaptation measures not widely measured and remains conceptually and practically challenging
- Progress remains unclear on adaptive capacity



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**GOVERNANCE
SOLUTIONS FROM
TRANSFORMAR**

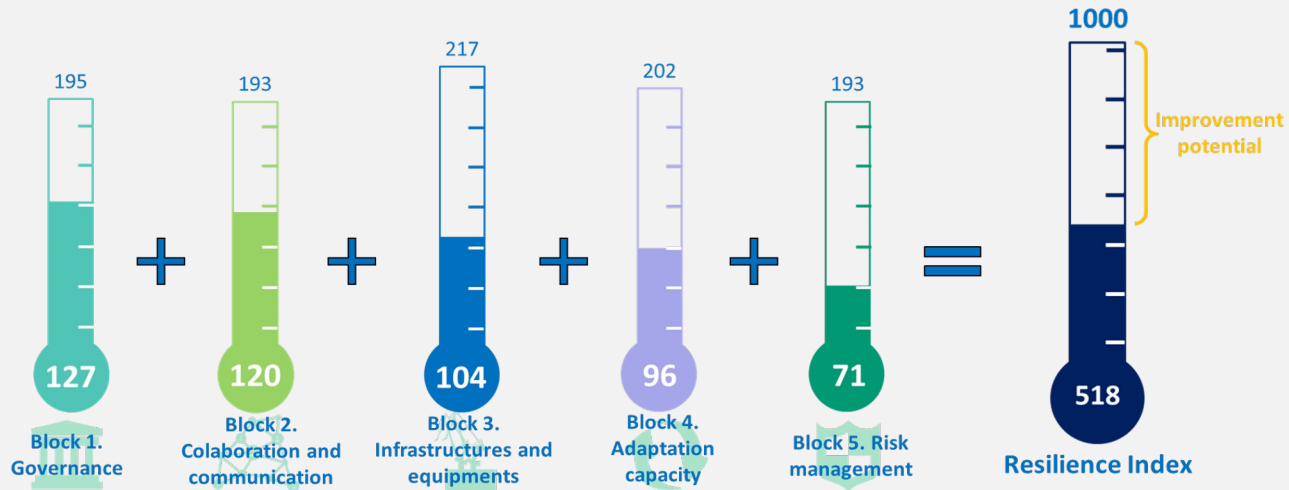
**Resilience Index,
Galicia, Spain**

**Coastal Contract,
Sardinia, Italy**

**Bankability of NBS,
West Country, UK**

**Adaptation Fund,
Guadeloupe, France**

Operational resilience index



COAST

a voluntary agreement between public authorities for the integrated management of the wetlands system of Oristano

Mission Story

[Coastal Contract: A Governance Approach for Integrated Wetland Management Applied in the Gulf of Oristano, Sardinia, Italy](#)

LOCAL WETLAND OBSERVATORY

a tool for monitoring the condition of wetlands and providing data for conservation and sustainable usage





Housing Development

- Stalled housing development
- Sites need nutrient neutrality
- Offsets not yet found
- Phosphate calculator created
- Following farm land
- Strategic wetland creation
- Integrated Wetlands for specific discharges
- Needs Green Bond
- Phosphate credits

- **Local Adaptation Fund**
- Gather and reorient public and private budget
- Aim for a permanent fund targeting specifically climate adaptation.
- For Sustainable Tourism & Agriculture projects on
 - Governance
 - Nature-Based Solutions
 - Technology
 - Behaviour change
- Pilot call closed – Fund being tested now
- Current budget
 - €300,000 from ADEME (French Ministry)
 - €150,000 from Banque des Territoires
 - Negotiations with French Development Agency, the Water Office or the Regional Council of Guadeloupe



[Youtube on Guadeloupe demonstrator](#)

Project call experiment: [Agirpourlatransition](#)

THANK YOU



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