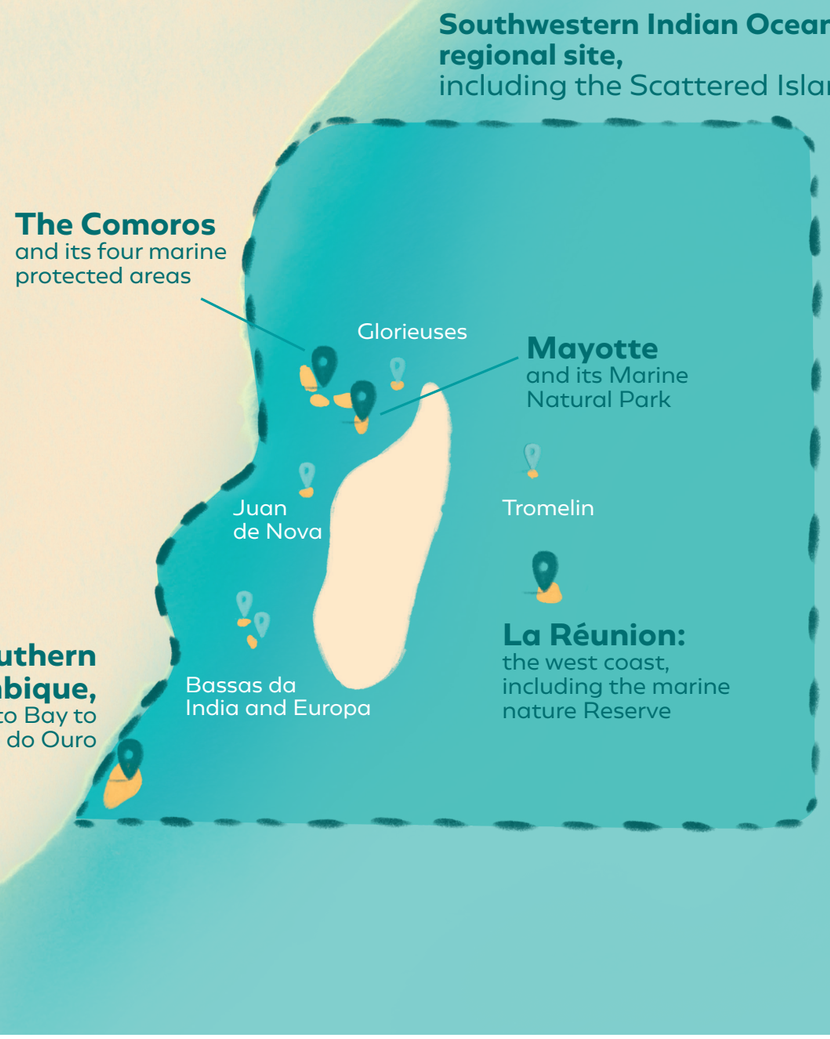
PARTNER SITES



Graphisme : lysba.fr

STAY CONNECTED

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RÉPUBLIQUE FRANÇAISE
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FRANCE 2030 — RESEARCH PROGRAM — FISHERIES AND BIODIVERSITY IN THE WESTERN INDIAN OCEAN

cnrs · Ifremer · IRD

Research Program

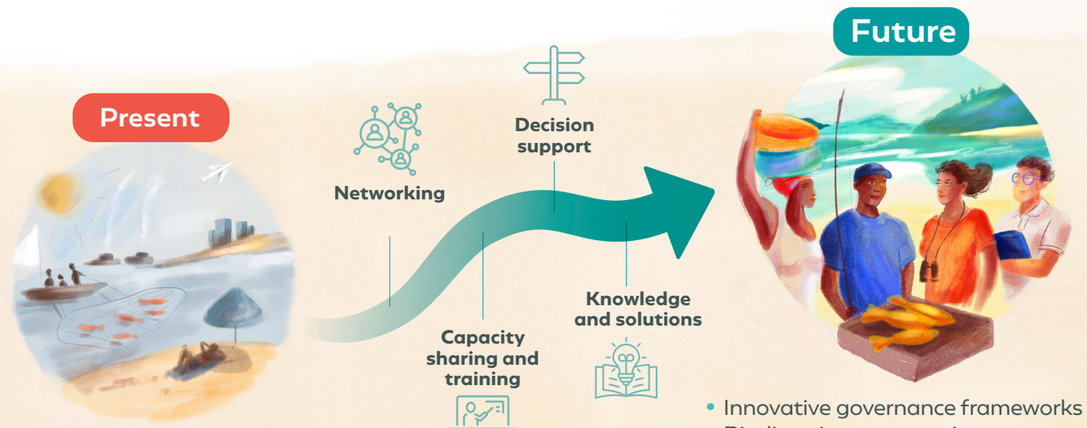
BRIDGES

Fisheries and Biodiversity in the Western Indian Ocean

Science for a more sustainable and equitable future

The southwestern Indian Ocean faces major challenges: climate change and pressures on biodiversity are **increasing the vulnerability of marine ecosystems and human societies**.

Faced with these realities, BRIDGES is committed to **supporting local actors** to drive the transformation toward more sustainable and equitable fisheries management and effective biodiversity conservation.



- Climate change
- Biodiversity conservation
- Fishing pressure
- Other uses (tourism, transportation, extraction, etc.)
- Financial markets
- Other factors

- Innovative governance frameworks
- Biodiversity conservation
- Sustainable, equitable, and resilient fisheries
- Cooperation
- Improved quality of life

Working with actors at partner sites through 2034, BRIDGES **identifies and co-develops** tailored, sustainable tools and solutions grounded in local realities to address coastal governance challenges.

At the heart of the BRIDGES approach is **co-construction**, empowering local actors to understand and analyze **complex systems**, identify priorities, and work together to create tools that meet their needs. BRIDGES also contributes to **capacity sharing** and the **training** of the next generation of actors, helping to sustain the **transformations** already underway.

A scientific approach to support transformation

Integrated and iterative over 10 years



1 CO-CONSTRUCTION AND IMPACT

> Analyze the present to envision the future; create opportunities for dialogue on territorial management.

> Assess and ensure impact (Scenarios, Pathways, Participatory science tools, Reassessments)



2 OBSERVATION AND INFORMATION

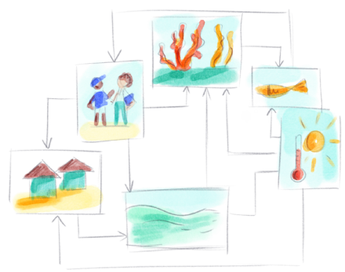
Share information (Data, Observation systems, Digital resources catalog) and monitor changes in social-ecological systems through interdisciplinary observations.





4 RESILIENCE

Understand human-nature interactions and identify solutions (Knowledge, Findings, Solutions, and Lessons learned).



3 AVATAR

Simulate scenarios and solutions to explore possibilities and better understand the effects of decisions (Models, Long-term outcomes).

2023 > 2025

BUILD THE FOUNDATION

- Scientific launch
- Establishment of institutional committees
- Program structuring

2026 > 2027

CO-CONSTRUCT

- Co-construction workshops
- Availability of the Information System and Observatory
- Scenarios and impact pathways
- PhD Cluster #1

2028 > 2030

OBSERVE AND SIMULATE

- Participatory science tools
- Initial simulations (regional site in 2028, coastal sites in 2030)
- Identification and testing of initial solutions
- Revision of impact pathways
- PhD Cluster #2

2031 > 2034

CONSOLIDATE

- Simulation of new scenarios
- Testing of new solutions
- Discussions on implementing solutions
- Final stages of tool transfer

Throughout the program:

Knowledge generation | Thematic trainings | Field schools | Regional Indian Ocean master's program, Ph.D. Theses and Postdoctoral Research | Stakeholder committees | Science-policy meetings | Science outreach and dissemination