

ARCX

Africa Regional Centres of Excellence
for green transition

Regional meeting 14-17 Sept. 2025



From 'projectship' to partnership

Cheikh Mbow



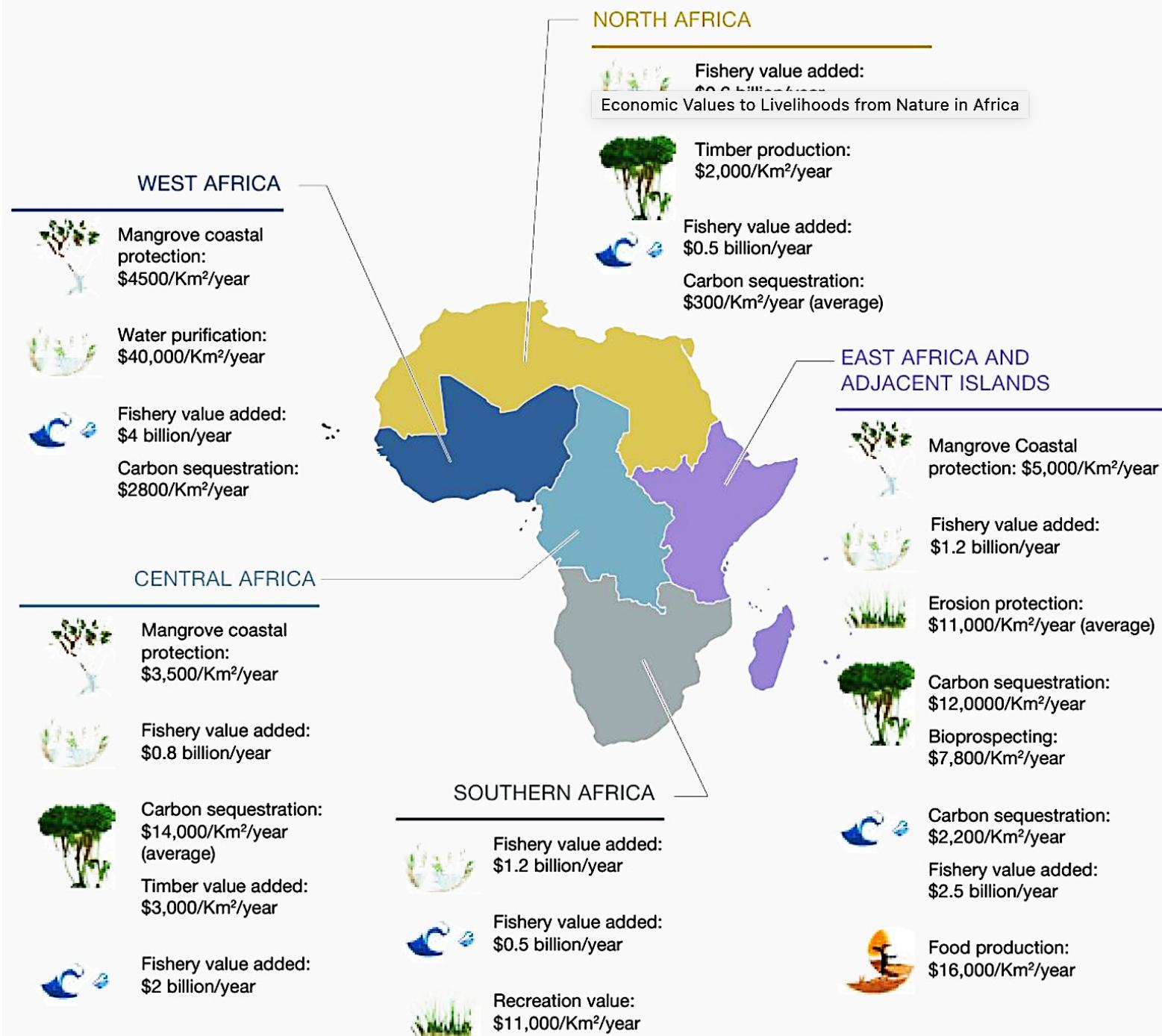
Centre de Suivi Ecologique



Biodiversity for bioeconomy

Africa is home to 25% of the world's biodiversity, including iconic species and large forests that are critical for the planet's health.

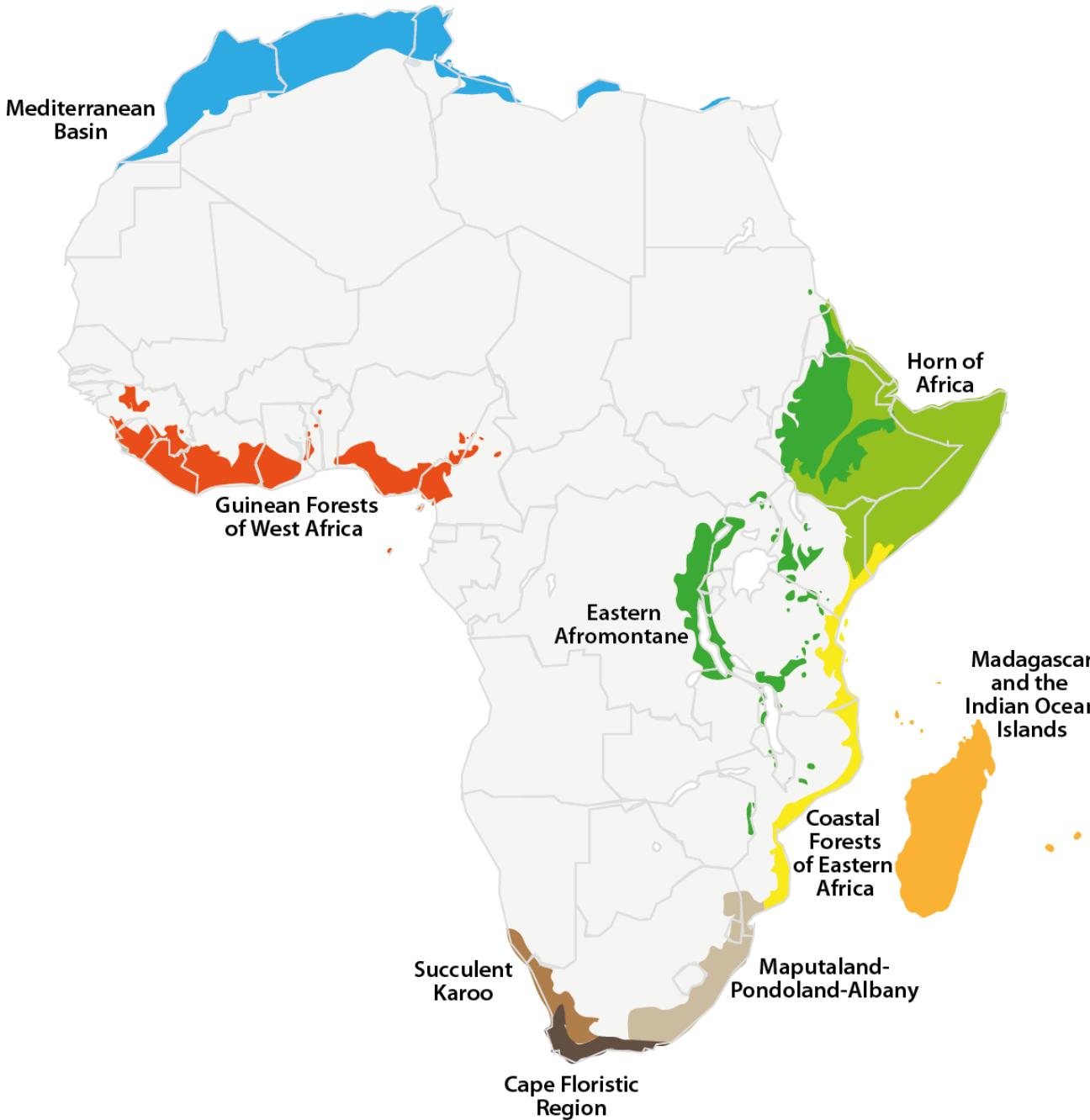
Strengthen the current dynamics of the country's transition towards an Inclusive Bioeconomy, resilient to climate change...



Natural Resources + innovation technologies + market = transformation

- Renewable, bio-based resources and biotechnology for ecological transition
- **BUT Not enough control over Natural Resources, not enough control over technology, not enough control over the market**

Africa's Biodiversity Hotspots



Biodiversity & ecological for bioeconomy and benefits to people

- **Feasible solutions** to growing prosperity from natural resources, a good option is to bring back the forgotten practices

Planners and policy makers need a better knowledge of the stakes related to biodiversity, including bioeconomic benefits

- **Knowledge**

New narrative – one that focuses on the potential of natural resources to address the development

Engaging all the stakeholders relevant at the scale of the problem, including scientists, decision-makers, and people with different types of knowledge

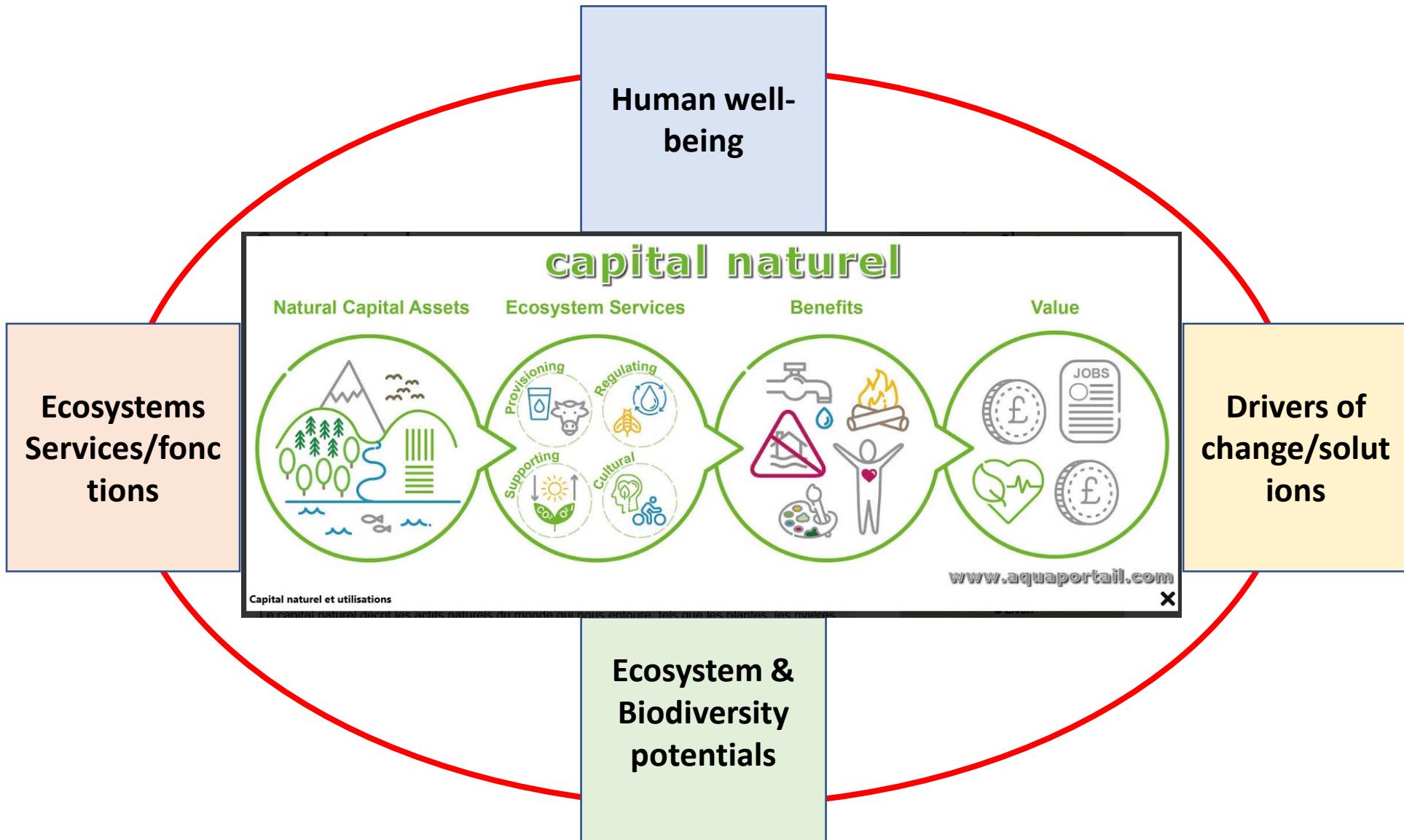
- **Stakeholders**

Deconstruct misperceptions of associated risks (climate) and potential Nat Res. benefits through science

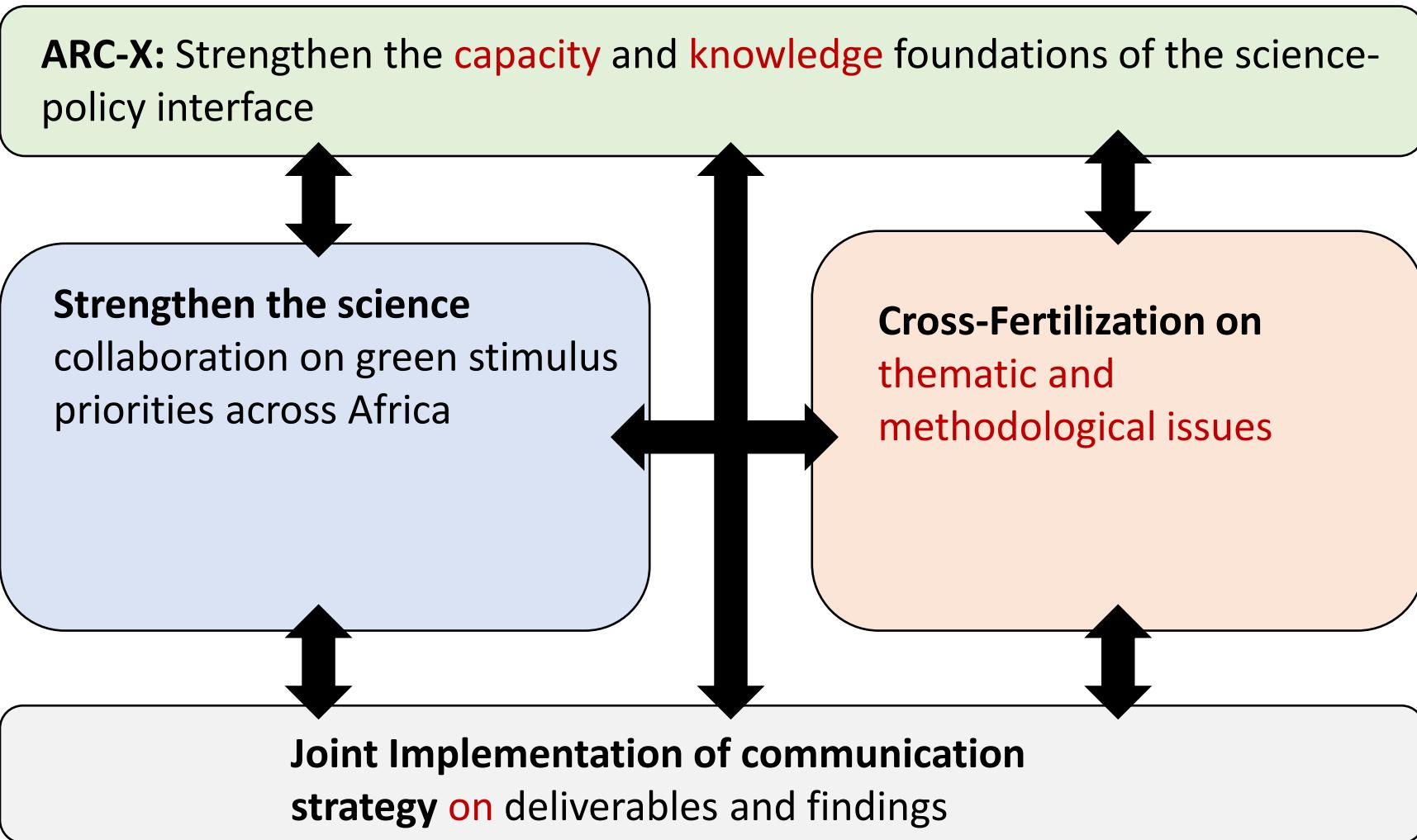
transparency of policy making, as they allow comparing multiple options and explicit assumptions (Benchmarking).

- **Transparency**

Collaboration for improving policy relevance



Partnership: the whole is better than the sum of the parts



A "green pact" for growing **incentives for green investments, measures to facilitate access to green finance**

- **Biologically based:** biomass
- **Cross-sectoral and Systemic:** diverse actors
- **Scientifically informed:** including indigenous knowledge
- **Innovation-driven:** goods and services for the market

ArcX = X-Cuts and Xpress

Science and training (ARISE, ArcX Centers) produce knowledge and solutions,

Lessons learned various projects already implemented, benchmarking, capitalization.

Monitoring (GMES & Africa) produces knowledge and transforms it into actionable information,

Governance and action (BIOPAMA, NaturAfrica) translate this information into concrete results for decision-making on biodiversity, protected/conserved areas, and communities,

ArcX becomes a catalyst, connecting science and policy, observation and action, natural capital and sustainable development

Multi-stakeholder accelerator develops innovative mechanisms to combat desertification, restore ecosystems, and improve food security;



Sub-regional



Regional



Biodiversity (1990...) > Biotechnology (2000...) > Bioscience (2010 ...) > Sustainable bioeconomy (2020...)

