

Advances in policy and practice on the mitigation hierarchy in Mozambique



Hugo Costa

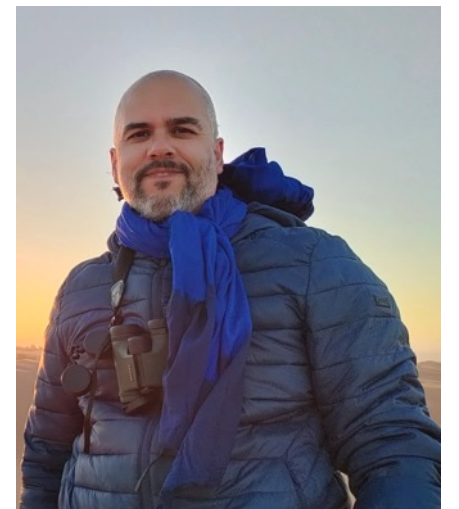
*COMBO+ Program director for Mozambique / Wildlife Conservation Society
Mozambique*

hcosta@wcs.org

comboprogram.org

mozambique.wcs.org

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Conservation, Impact Mitigation and Biodiversity Offsets

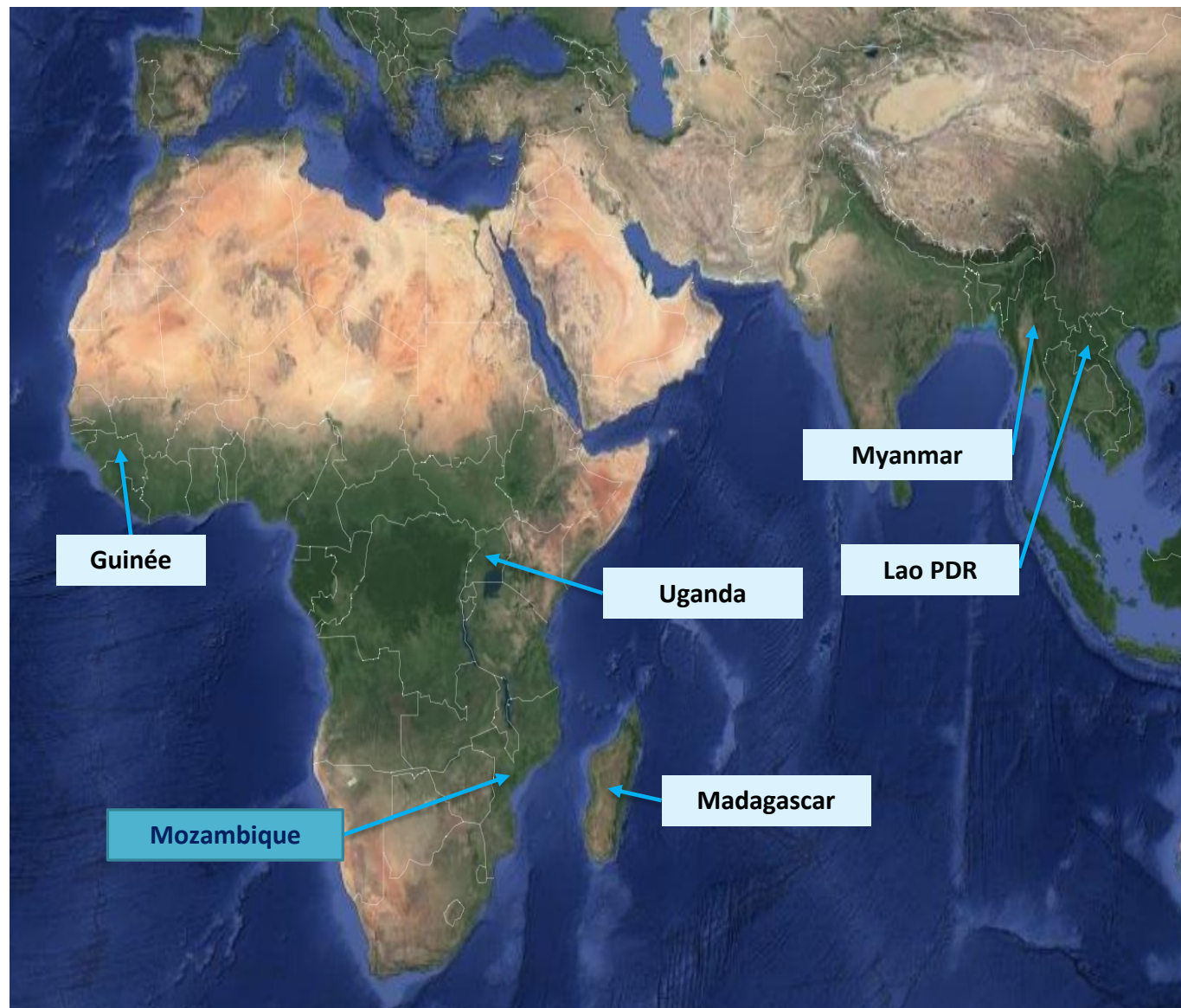
Implementers: WCS, Biotope SAS, Biotope Madagascar, Biotope Guinée, Guinée Ecologie, BIOFUND and University of Queensland

Funders: AFD, FFEM

Co-funders: World Bank, SIDA-Sweden, UNDP, BIOFIN

Goal: Reconcile economic development and conservation of biodiversity by supporting government policies which improve mitigation of industry and infrastructure impacts.

Period: Phase 1: 2016-2020 | Phase 2: 2021-2025



The COMBO+ programme approach

Support for the improvement of the country's political-legal framework

Development of spatial planning tools, metrics and technical guidelines

Building and improving the technical capacity of the various stakeholders

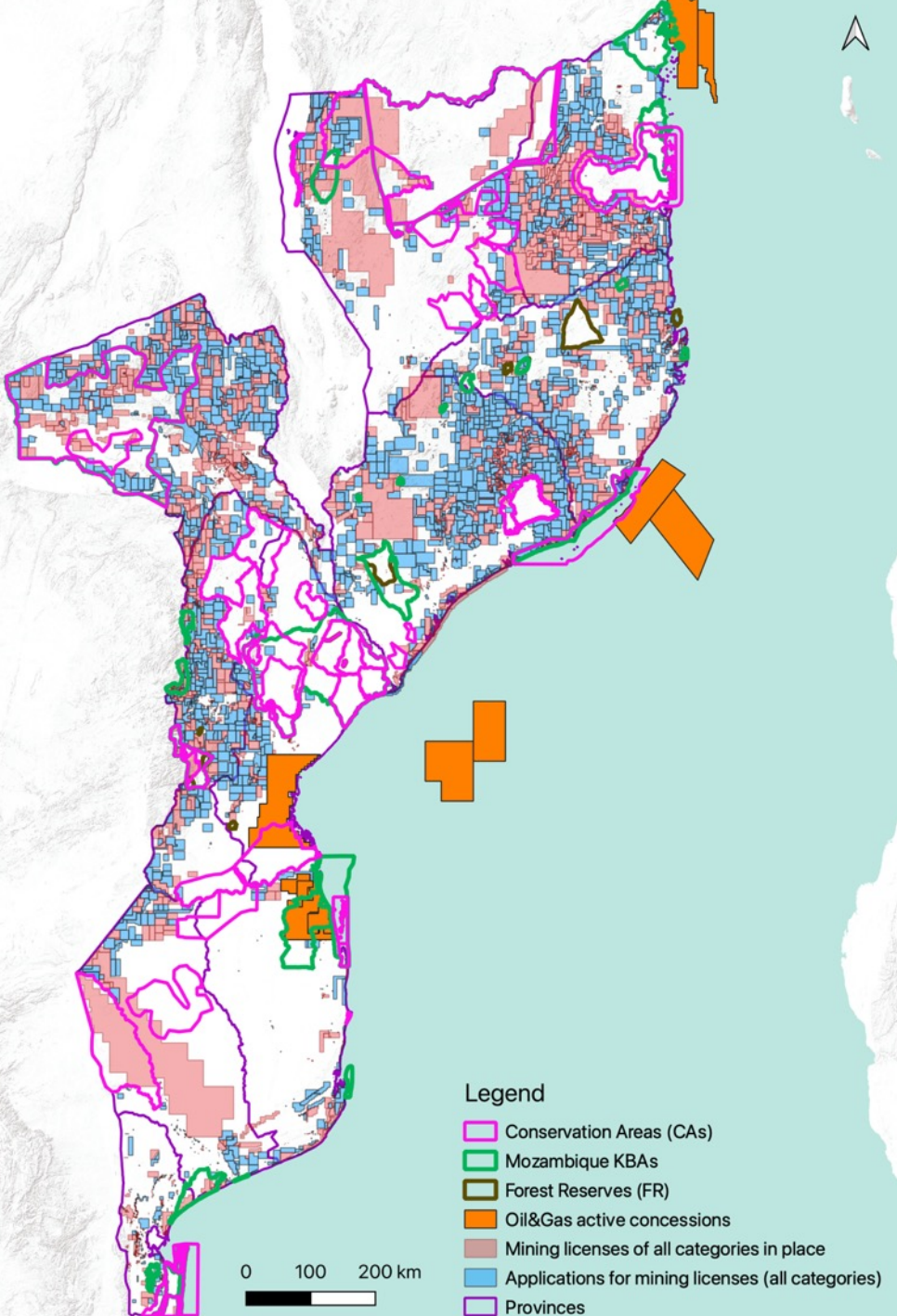
Development of integrated models for implementation on the ground and respective monitoring

Creating the conditions to implement and integrate a No Net Loss of Biodiversity policy, through the appropriate application of the Mitigation Hierarchy

Reducing biodiversity losses due to development projects and contributing to the achievement of each country's conservation and climate goals

Shocking reality: Mining and Oil & Gas licenses vs PAs, Forest Reserves and KBAs

- % Area covered by active licenses (all categories including oil & gas)
- % Area covered by license applications (all categories)
- % Total area under current and potential influence of extractive industry



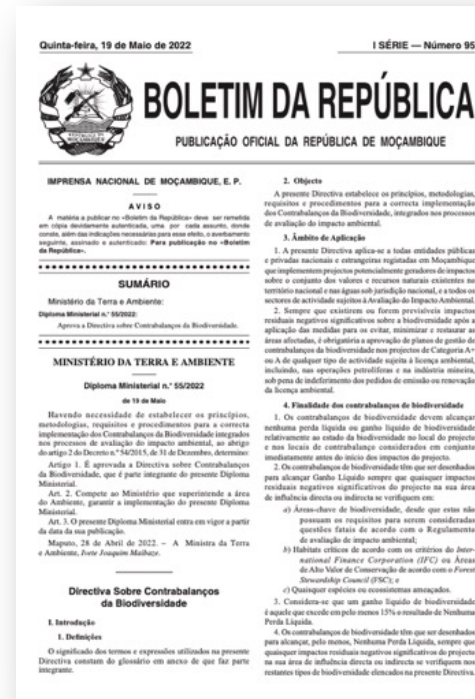
Policy-legal framework

Legal improvements:

- Ministerial Diploma on biodiversity offsets;
- Diploma on Independent Expert Reviewers;
- Review of regulation on mining operations;
- Review of Forestry Law.

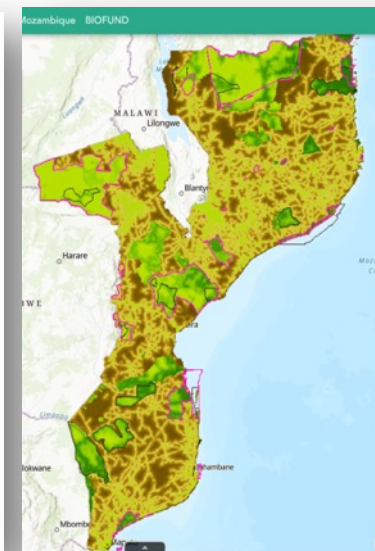
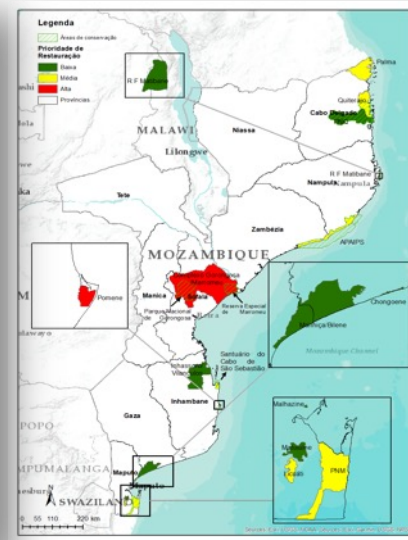
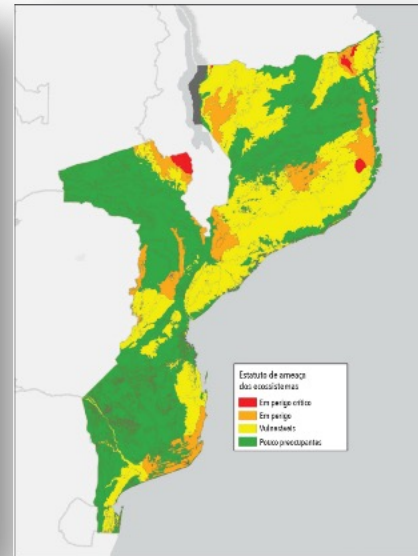
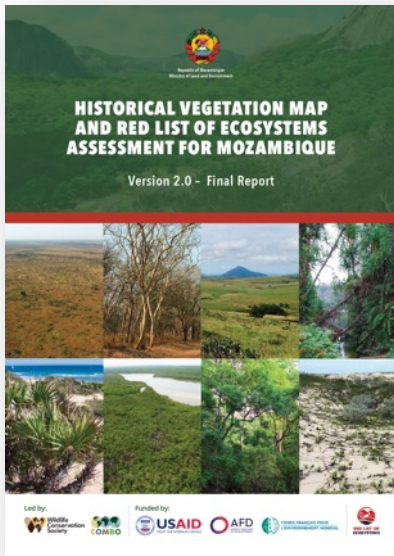
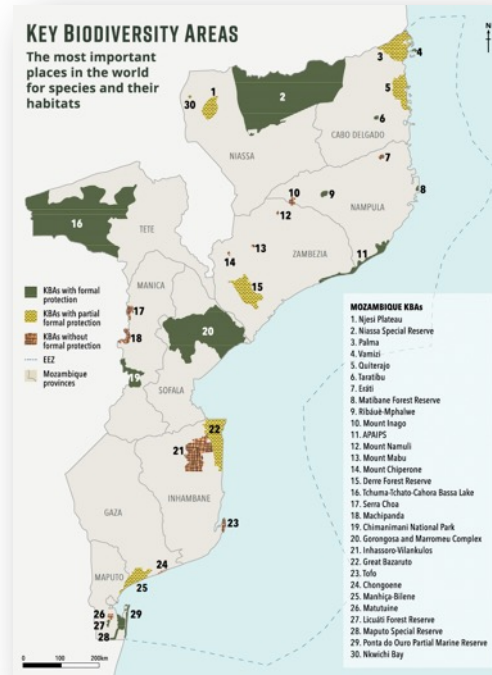
Operationalise the new Ministerial Diploma on biodiversity offsets:

- Technical advisor seconded to National Directorate of Environment;
- Establishment and operationalisation of the Technical-Scientific Unit for Biodiversity Offsets;
- Publication and translation of the guidelines for implementing the Diploma.



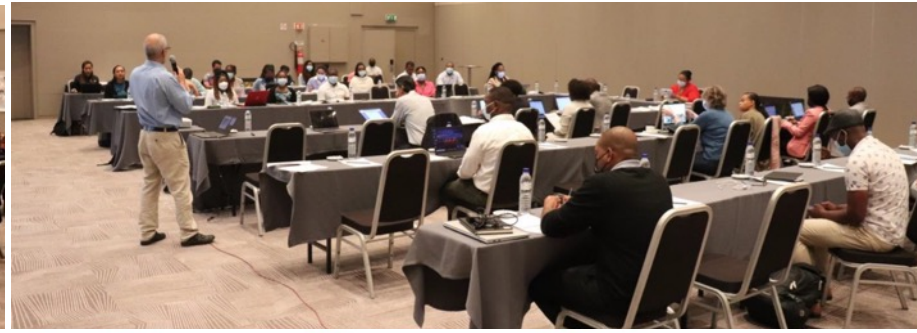
Tools and guidelines

- Key Biodiversity Areas as avoidance and offset receiving areas
- National historical ecosystem map and Red List of Ecosystems
- Ecological condition metrics for ecosystems and species
- Map of areas with potential for implementing offsets
- Map of ecosystem restoration opportunities (ROAM)
- Environmental licensing online management system
- National Biodiversity Information System (sibmoz.gov.mz)
- Guidelines on how offsets should contribute to national biodiversity targets



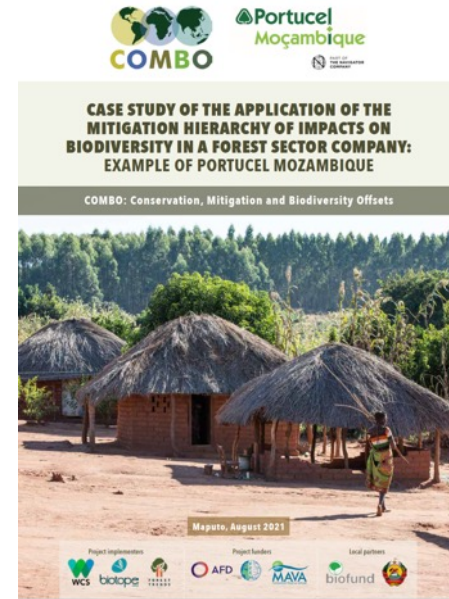
Training / Capacity building

- Over 1000 people trained on the Mitigation Hierarchy
- Intensive training to the Biodiversity Offset Assessment and Monitoring Unit, Technical Evaluation Committee and Provincial Authorities
- Train and sensitise relevant CSO platforms, private sector and national financial institutions to actively promote the implementation of MH and on the biodiversity offsets Ministerial Diploma.
- 6 internships in relevant authorities with BIOFUND support
- Support the participation of national stakeholders in relevant events



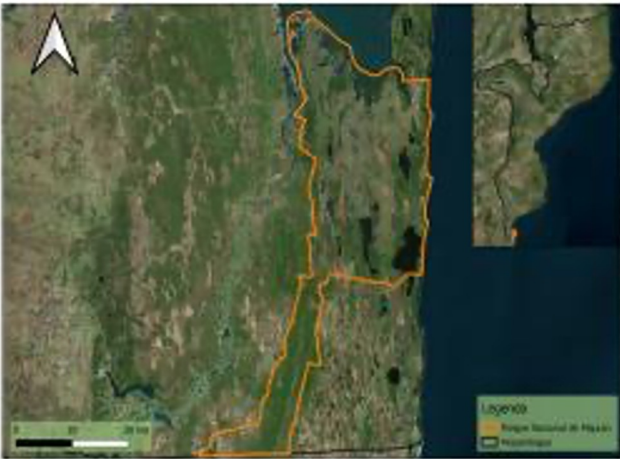
Training / Capacity building

- Exchange of experiences with the private sector
 - Ambatovy, Madagascar (Mining)
 - Portucel Mozambique (Forestry company)
 - Kenmare Moma Mining
 - Conservation Trust Funds (Africa and South America)



Case studies

- Pilot projects simulating biodiversity offsets activities with the objective of testing and improving the procedures established Ministerial Diploma 55/2022, training all relevant stakeholders in its implementation, prepare areas to receive offset activities and develop template protocols for those activities.



1) Maputo National Park

Removal of invasive species and restoration of native habitat



2) Licuáti Forest Reserve

Restore the native ecosystem and potentially establish a new PA



3) Chimanimani National Park

Improve key biodiversity habitats

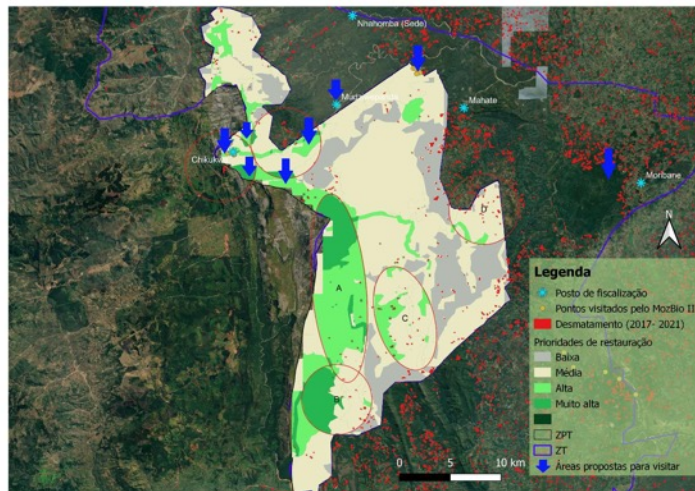
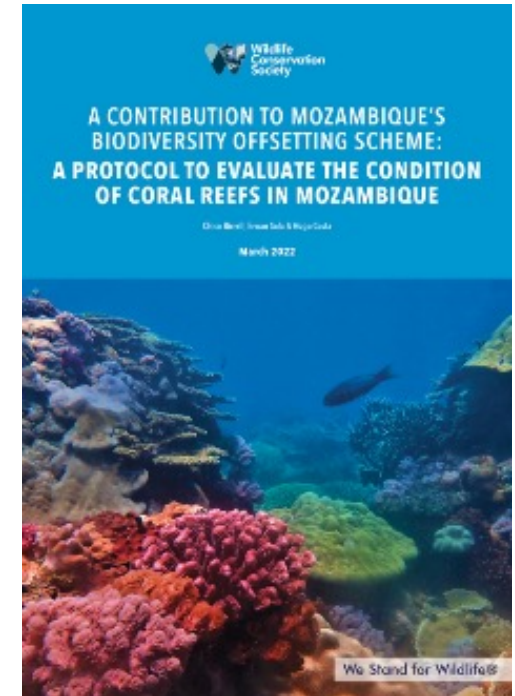


4) Memba-Mossuril

Restore mangroves and other coastal ecosystems through local communities.

Next steps

- Continue training to relevant stakeholders
- Secondment of a new advisor to DINAB
- Improve online tools
- Development of more metrics
- Publish the list of biodiversity that requires offsetting
- Develop a standard monitoring plan for ecosystem restoration offsets
- Select the PAs and KBAs that are priority for receiving offsets
- Preparing protected areas and KBAs to receive offsets (restoration needs assessment, restoration sites and activities)



Let's continue the conversation!

Post questions and comments in the IAIA24 app.

Authors:

Hugo Costa, Eleutério Duarte, Ivan Nerantzoulis, Vanda Machava, Aide Farão, Sean Nazerali, Rosalina Niquice, Amrei von Hase

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