



REQUEST FOR EXPRESSIONS OF INTEREST
for the selection of an Individual Consultant the establishment of national, and regional frameworks in the African and Indian Ocean Developing Island States (AIODIS) for the emergence of enterprises and innovative projects to promote circular economy and reduce marine pollution.

1. The Indian Ocean Commission (IOC) is an intergovernmental regional cooperation organization which brings together the Union of the Comoros, France, on behalf of Réunion, Madagascar, Mauritius and Seychelles. Its mission is to strengthen the bonds of friendship and solidarity between peoples and to contribute through regional cooperation to the sustainable development of its member states. The IOC has received a grant from the World Bank to support the SWIOFish regional project. It intends to use part of this grant to make payments under the Individual Consultant contract of " the establishment of national, and regional frameworks in the African and Indian Ocean Developing Island States (AIODIS) for the emergence of enterprises and innovative projects to promote circular economy and reduce marine pollution".
2. The Consultant's mission is (i) to support the establishment of national, and if feasible, an AIODIS framework for the emergence of enterprises and innovative projects for the promotion of circular economy, and (ii) to develop a generic guide for AIODIS entrepreneurs for circular economy.
3. The mission will be carried out in the AIODIS member countries.
4. The Consultant will work under the supervision of the Indian Ocean Commission.
5. The estimated duration for carrying out this mission is one hundred days spread over six months.
6. The Indian Ocean Commission (IOC) now invites eligible consultants to express their interest in providing the services described above. They must provide information justifying that they are able to implement the necessary expertise and perform the services in question (curriculum vitae, copies of diplomas and attestations, references concerning the performance of similar contracts, etc.).
7. A version of the terms of reference is available on the website of the Indian Ocean Commission <http://commissionoceanindien.org>
8. Expressions of interest must be filed electronically in uncompressed format at the address below no later than Monday, May 19th, 2020 at 16:30 (Mauritius time UTC+4):

e-mail: innocent.miada@coi-ioc.org and njiva.r@coi-ioc.org

Reference: "(SW2-Y3-C015) the establishment of national, and regional frameworks in the AIODIS for the emergence of enterprises and innovative projects to promote circular economy and reduce marine pollution"

9. Individual Consultants will be selected in accordance with the procedures set out in the Guidelines Selection and Employment of Consultants under IBRD loans and IDA credits & Grants by World Bank Borrowers edition January 2011 Revised July 2014.
10. The individual consultants concerned may obtain further information during working hours at 9:00 to 16:00 (Mauritius time UTC+4) from the Indian Ocean Commission (IOC) by sending e-mails to the addresses referred in paragraph 8.



Promotion of African & Indian Ocean Island Developing States Blue Economy through the South West Indian Ocean Fisheries Governance and Shared Growth Project (SWIOFish2)

Terms of reference for the recruitment of an individual consultant the establishment of national, and regional frameworks in the African and Indian Ocean Developing Island States (AIODIS) for the emergence of enterprises and innovative projects to promote circular economy and reduce marine pollution.

Assignment title	Consultancy on (i) Preparation of AIODIS frameworks through the identification of existing initiatives, lessons as well as bottlenecks for the emergence of entrepreneurs in favour of circular economy (ii) Preparation of guide for circular economy
Contract duration	100 person days over 6 months (May - October 2020)
Primary assignment location	African and Indian Ocean Developing Island States (Cabo Verde, Guinea Bissau, São Tomé & Príncipe, Comoros, Mauritius, Madagascar, Maldives and Seychelles)
Financed by	IDA

Mauritius, March 2020

1. Background

A Financing Agreement (Grant No. D1720) was signed between the International Development Association (IDA) and the Indian Ocean Commission (IOC) on the 30th May 2017 to support the Second South West Indian Ocean Fisheries Governance and Shared Growth Project (SWIOFish2).

This consultancy is in the context of the implementation of the subcomponent of the project that supports the African and Indian Ocean Developing Island States (AIODIS).

The AIODIS sub-component of SWIOFish2

The sub-component will support the group of African and Indian Ocean Island Developing States (Cabo Verde, Guinea Bissau, São Tomé & Príncipe, Comoros, Mauritius, Madagascar, Maldives and Seychelles) in collaborating and sharing their own experiences to address some of their specific challenges such as improving the sustainable management of their vast maritime territory; innovating and developing their Blue Economy in the context of climate change; and collaboratively mobilizing financing for addressing those challenges. Activities include the organization of high-level meetings to discuss specific challenges and issues of regional interest; the creation and exchange of knowledge; the provision of a preparation facility for project proposal; and support to the AIODIS Secretariat to be hosted by the IOC.

2. Context of the assignment

The African and Indian Ocean Island Developing States (AIODIS) are richly endowed with vast Economic Exclusive Zones (EEZ). The AIODIS have jurisdiction over a significant marine area of about 7 million km², with a long coastline of about 15 000 km, multiple maritime boundaries and complex international and national legal frameworks. The ocean therefore plays a major role given, its economic, social, environmental and geopolitical interests.

The diverse components that make up the Blue Economy are highlighted in table below.

Type of Activity	Activity Subcategories	Related Industries/ Sectors	Drivers of Growth
Harvesting and trade of marine living resources	Seafood harvesting	Fisheries (primary fish production)	Demand for food and nutrition, especially protein
		Secondary fisheries and related activities (e.g., processing, net and gear making, ice production and supply, boat construction and maintenance, manufacturing of fish-processing equipment, packaging, marketing and distribution)	Demand for food and nutrition, especially protein
		Trade of seafood products	Demand for food and nutrition, especially protein

Type of Activity	Activity Subcategories	Related Industries/ Sectors	Drivers of Growth
		Trade of non-edible seafood products	Demand for cosmetic, pet, and pharmaceutical products
		Aquaculture	Demand for food and nutrition, especially protein
	Use of marine living resources for pharmaceutical products and chemical applications	Marine biotechnology and bioprospecting	R&D and usage for health care, cosmetic, enzyme, nutraceutical, and other industries
Extraction and use of marine non-living resources (non-renewable)	Extraction of minerals	(Seabed) mining	Demand for minerals
	Extraction of energy sources	Oil and gas	Demand for (alternative) energy sources
	Freshwater generation	Desalination	Demand for freshwater
Use of renewable non-exhaustible natural forces (wind, wave, and tidal energy)	Generation of (off-shore) renewable energy	Renewables	Demand for (alternative) energy sources
Commerce and trade in and around the oceans	Transport and trade	Shipping and shipbuilding	
		Maritime transport	Growth in seaborne trade; transport demand;
		Ports and related services	maritime transport industries (shipbuilding, scrapping, registration, seafaring, port operations, etc.)
	Coastal development	National planning ministries and departments, private sector	Coastal urbanization, national regulations
	Tourism and recreation	National tourism authorities, private sector, other relevant sectors	Global growth of tourism
Indirect contribution to economic activities and environments	Carbon sequestration	Blue carbon	Climate mitigation
	Coastal Protection	Habitat protection, restoration	Resilient growth

Type of Activity	Activity Subcategories	Related Industries/ Sectors	Drivers of Growth
	Waste Disposal for land-based industry	Assimilation of nutrients, solid waste	Wastewater Management
	Existence of biodiversity	Protection of species, habitats	Conservation

Source: World Bank and United Nations Department of Economic and Social Affairs. 2017. *The Potential of the Blue Economy: Increasing Long-term Benefits of the Sustainable Use of Marine Resources for Small Island Developing States and Coastal Least Developed Countries*. World Bank, Washington DC.

These components have the potential to generate substantial direct and indirect income and employment opportunities to the population of the AIODIS. Except for tourism and fishing activities, the AIODIS have insufficiently developed other components. The current limited capacity prevents these AODIS from maximising opportunities in the other sectors. Moreover, while resources represent a formidable opportunity of growth and development, if not well managed, they can lead to critical challenges, with serious consequences on the lives of millions of people who depend on coastal areas.

The AIODIS component of the SWIOFish2 project aims to support the development of the Blue Economy by providing opportunities for south-south exchange and increased access to needed expertise for the formulation of actions for the purpose.

The development of economic sectors must happen in healthy oceans, where marine pollution is prevented. Transition to a more circular economy is at the cornerstone of preventing pollutants, including marine plastic litter, to reach the oceans, by addressing the problem at the very source. The Indian Ocean Commission, as an intergovernmental organization supporting its member states as well as the Small Island Developing States (SIDS) of the Atlantic in their march towards sustainable development, proposes to collaborate with the authorities on the one hand to improve the business environment for the emergence of the circular economy and on the other hand to establish a process for the promotion of innovation and entrepreneurship on the issues and perspectives of the circular economy within the framework of the AIODIS with focus on marine pollution. Better use of resources and change from a linear model to a more circular one and a change of perception from waste to value will help combat land-based sources and marine sources of pollution that ends up in the sea and also help create employment opportunities and reduces poverty. This will enable entrepreneurs in the AIODIS to move towards a circular economy that responds to both environmental and economic problems.

2.1. Circular economy in island states

The recent years have seen an increasing awareness on the need to move from an economy based on extraction and consumption to one of regeneration and restoration, which has become an increasing priority for policymakers around the world.

The geographical remoteness of islands, and in most cases their small size, represent an obstacle to the sourcing of raw materials, which is due to limited resources, and outlets for finished products, which is due to limited local demand. These represent a major

challenge to the adoption of a circular economy. The AIODIS also face challenges of waste management, including limited landfill capacity and the lack of economies of scale for waste collection, treatment and/or recycling processes. Many of the AIODIS countries also have limited financial resources for waste management infrastructure. Transitioning towards a circular economy model in the various sectors of the Blue Economy will considerably contribute in reducing waste generated by those sectors. For example, adopting a circular model in the tourism and recreation sector, which is an important economic sector generating increased amounts of waste in the AIODIS, is a perfect example of how Circular Economy would in turn help reduce waste in that particular sector.

3. Objectives of the Consultancy

The overall objectives of the consultancy are:

- A. To support the establishment of national, and if feasible, an AIODIS framework for the emergence of enterprises and innovative projects for the promotion of circular economy.
- B. To develop a generic guide for AIODIS entrepreneurs for circular economy.

The specific objectives of this consultancy are as follows:

A. To establish national, and if feasible an AIODIS regional framework for the emergence of enterprises and innovative projects to promote circular economy with a focus on the reduction of marine pollution.

The specific tasks of this part are:

- i) To undertake a literature review of best and worse practices worldwide on developing national frameworks for the promotion of circular economy that can be the subject of lessons and adaptation in the AIODIS.
- ii) To conduct a review/ scoping exercise of existing policies, regulations, standards and instruments, related to circular economy in countries that are champions in the area. The exercise should also include policies related to eco-entrepreneurship and eco-innovation, particularly by SMEs.
- iii) To conduct a stakeholder mapping along the plastic value chain
- iv) To map gaps in knowledge, institutional and regulatory barriers and other bottlenecks, both from the demand and supply perspectives, the organisation of waste management, formal versus informal sectors, how the collections are organised and sectors structured, maintenance and green products, in the AIODIS countries that are refraining circular economy from developing.
- v) To propose measures that can be adapted in the AIODIS countries to support emergent enterprises that could be the driving force for circular economy.
- vi) Undertake an analysis on a lifecycle approach to plastics, identify areas of innovation, in particular, on the upstream part where innovation could be possible for new design material, new plastics and alternatives to single-used plastics, then innovation spread until the end of life and disposal of waste, with new recycling technologies in between to keep plastics in the value chain.
- vii) To propose instruments, including fiscal instruments and other economic incentives and disincentives to discourage landfill and propose alternatives,

- develop measures to promote stimulate industrial symbiosis, to encourage producers to put greener products on the market and to support recovery and recycling schemes.
- viii) To design a cohesive framework for triggering circular economy practices in the AIODIS to enhance the role of eco-innovation to achieve the transition to a circular economy.
 - ix) To provide implementation guidelines for development of key policies, economic and fiscal instruments and capacity building measures necessary to enable investments in circular economy, the re-orientation of markets and the reshaping of business strategies and operations at national level towards building feasible regional circular economy. AIODIS being the only platform of Afrian Island States can constitute as one of the major drivers for promoting circular economy though the Island States are far away from each other into two distinct groups (Western Indian Ocean and Atlantic).
 - x) To analyse the current sources of domestic and foreign, public and private funding and investment opportunities in the AIODIS for the promotion of circular economy activities,
 - xi) To make recommendations to promote circular economy through higher education, research, development, and demonstration.
 - xii) To make propositions to expand access to financing (including innovative methods such as crowdfunding) for entrepreneurs running circular business models, and for research
 - xiii) To propose mechanisms for networking of circular economy stakeholders, including entrepreneurs and researchers..
 - xiv) To develop a coherent strategy on plastics management based on the principles of a circular economy, in order to significantly reduce marine litter, that can be adapted by AIODIS countries, which are unfortunately not at the same level of advancement in their fight against plastic pollution.

B. To develop of a generic guide for entrepreneurs for starting and growing a business in circular economy or integrating circular economy concepts in an existing business to be adapted to AIODIS countries.

The specific tasks of this part are as follows:

- (i) To undertake a literature review on guidelines for the entrepreneurs involved in circular economy.
- (ii) Create a white paper: "the guide of the Entrepreneur for circular economy" with good practices and steps to follow.
- (iii) The guide should facilitate AIODIS entrepreneurs' access to laws, and procedures obtaining business permit and patent for innovations.

The consultant will also act as Resource Person during the regional validation workshop to be held towards the end of the contract period.

4. Deliverables

The main deliverables of the consultancy are:

- i) Inception Report, including a programme of work and methodology to be used.
- ii) A draft report, including the scoping exercise, policy and best practices review as well as an assessment of the business environment in circular economy champion countries, and recommendations for development of circular economy, and generic guide for entrepreneurs.
- iii) Report of the regional validation workshop
- iv) A white paper: "the guide of the Entrepreneur for circular economy"
- v) Final Report, including an Executive Summary at the end of the assignment, in which the comments from participants of the validation workshop and other stakeholders on the above draft report have been incorporated.

5. Duration

The level of effort required for the completion of the tasks should not exceed a total of hundred (100) person days, including travel in the AIODIS, over a period of six months. The assignment is expected to start in May 2020 and be completed by September 2020.

Activity	Timing / Deadline
Advert for post	March 2020
Evaluation	April 2020
Start of contract	May 2020
Validation workshop	October 2020
Submission of final report. End of contract	October 2020

6. Supervision Responsibility

The consultant shall report to the Officer in Charge for AIODIS via the SWIOFISH2 Coordinator based at the Indian Ocean Commission, throughout the duration of the project and shall maintain constant liaison with them to discuss on matters pertaining to progress of works as well as for eventual claims for payment.

7. Qualifications and experiences

The consultant should be a circular/blue economy specialist. The consultant should possess at least 10 years of demonstrated skills and proven experience in the domain.

The consultant will work together with the IOC to implement the work plan for the successful conclusion of the tasks as detailed above.

The Circular Economy specialist should have the following qualifications and skills:

- Master's degree or equivalent in economics or a related discipline;
- At least 10 years of demonstrable experience working in project management with focus on sustainability and circular economy;
- Proven track record of delivery or management of multi-party collaborative projects involving one or more of the following: business analysis / modelling;

drafting and publication of white-papers/strategies or other forms of thought-leadership; consulting projects, with focus on circular economy;

- Strong report writing and analytical skills;
- Experience in working with high-level stakeholders and in an international environment;
- Demonstrated experience working with World Bank and/or IOC projects would be an advantage;
- Extra credit for experience in south western Indian Ocean region and Small Islands Developing States;
- Good communications skills both written and spoken with full proficiency in English. Proficiency in French will be an advantage.

8. Payment schedule

- 30% - Upon submission and approval of an Inception (work) Plan inclusive of a programme of work (within 2 weeks of start of assignment)
- 30% - Upon submission and approval of a first draft of the report (after the workshop).
- 40% - Upon approval of final version of the of the report.