



West Africa Coastal Areas  
Management Program

# Call for Innovation: Impacts of Port Development on West Africa's Coastal Areas

Feb 28, 2020 to  
March 27, 2020

## CONTEXT

The World Bank Group is launching a Call for Innovation under the West Africa Coastal Areas Management Program (WACA) to bridge the gap between innovators and port developers/owners to build sustainable and integrated coastal management.

The call is part of the WACA Resilience Investment Project (WACA ResIP), a multi-country regional project that aims to support present assets and strengthen the resilience of coastal communities for Benin, Côte d'Ivoire, Mauritania, São Tomé and Príncipe, Senegal, and Togo. The project supported them develop multi-sectoral investment planning processes, culminating in WACA Multi Sector Investment Plans (MSIPs).

## THE CHALLENGE

The challenge is to identify innovative and feasible solutions to fight coastal erosion and flooding issues associated with the ongoing development of large commercial ports and maritime operations in the six countries. In most cases, existing ports were built with limited if no zero planning and considerations of potential exacerbation of coastal erosion. The significant threat is that this shortcoming is also occurring in the design and construction of new ports.

The scope is to identify innovations that allow to avoid, mitigate, and remediate the geomorphological and ecological impacts associated with existing and planned commercial ports in West Africa.

## WHO MAY APPLY?

Participants could be a single entity, or a consortium made of more entities. To be eligible an entity has to be a university (public or private), a research organization (public or private), or a private enterprise (i.e. an engineering firm, a construction firm, or a consulting group). An entity is allowed to submit one proposal application only.

## TECHNICAL SPECIFICATIONS AND OPERATING PRINCIPLES

Applicants are requested to submit a proposal for one of the four thematic challenges and clearly indicate in their application which one they have chosen to address. Applicants are encouraged to focus on one solution at the time. Proposal addressing two, three, or all four thematic challenges are allowed. However, proposed solutions will have to be clearly separated by thematic area.

- **Thematic Challenge 1.** Which type of infrastructure (green, grey, or a combination of both) could be put in place to manage the impact of port development and port management on sediment movements which lead to unwanted coastal erosion?
- **Thematic Challenge 2.** Which planning measures and port and lagoon operation management practices could be taken upstream to reduce environmental impacts, coastal erosion and lagoon/canal water quality and flow management in particular?
- **Thematic Challenge 3.** What new features of Public Private Partnerships (PPP), business models, and contracting options could be proposed to take sustainability into account in the design and management of maritime transport related infrastructures?
- **Thematic Challenge 4.** What are examples of good global practices in ports and lagoons management and successful case studies that could be proposed to West African countries to better manage the cumulative environmental impact of existing port operations and predict consequences of future infrastructures?

### HOW TO APPLY

To apply, go to the website [wacaprogram.org](http://wacaprogram.org), click on Call for Innovation, download the form, fill it out by responding to the five questions and send it to [waca@worldbank.org](mailto:waca@worldbank.org) by **March 27, 2020**.

### ADDITIONAL QUESTIONS AND ANSWERS

Applicants can ask questions to the WACA team up March 16, ten business before submissions deadline by sending an email to [waca@worldbank.org](mailto:waca@worldbank.org). Questions and answers applicable to all applicants will be posted on the WACA website. Applicants are encouraged to the page regularly.

### BENEFITS AND REWARDS

This is a three-stages competition where the best 10, 5 and 3 proposals will be chosen. Depending on the score, selected proposals will receive different degrees of visibility and recognition.

### RANKING CRITERIA

Submitted proposals will be screened in three different phases: longlisting of top-10, request for additional information, shortlisting of the top-5 who make a pitch and 5-slides presentation at Demo Day; top-3 selected.

**Long-listing of top-10 proposals by World Bank reviewers.**

**Shortlisting of top-5 by panel of international experts.**

**Selection of top-3 winners and invitation at Demo Day**

Jury of international experts rate the presentations of the 5 shortlisted applicants and their pitches.

## TIMELINES AND DEADLINES

Activity	Timing
Launch of the Innovation Call.	February 28, 2020
Deadline for Q&A session (10 business days before submission deadline).	March 16, 2020
Deadline for submitting EOIs and call closure (21 business days after launch).	March 27, 2020
Notification to longlisted candidates and request to submit detailed proposals.	April 20, 2020
Deadline for longlisted candidates to submit requested detailed proposals (15 business days after notification).	May 8, 2020
Notification to top 5 shortlisted candidates and announcement on the WACA website.	June 9, 2020
Deadline for each shortlisted idea to submit their draft 5-slides presentations and start of the coaching period (12 days after notification).	June 24, 2020
Demo-Day in Washington DC where shortlisted competitors will present their pitches, and Winner selection by the Jury of top-3 ideas.	July 14, 2020