



**OPERA**  
OCEAN PREDICTION  
ENHANCEMENT IN  
REGIONS OF AFRICA



## Presentation of workshop objectives

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*Mercator Ocean International*



Funded by  
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UN DECADE  
COLLABORATIVE  
CENTRE



2021  
2030 United Nations Decade  
of Ocean Science  
for Sustainable Development



**MERCATOR  
OCEAN**  
INTERNATIONAL

# Why are we here today?

OPERA project: Ocean Prediction Enhancement in the Regions of Africa

A singular opportunity for all, and a collective effort!



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# Why are we here today?

## OPERA project: Africa leading a global transformation in Ocean Forecasting envisioned by the OceanPrediction DCC

### 2020: THE OCEAN FORECAST WE HAVE



- Useful but partially disconnected services
- Poor presence in developing countries

### OceanPrediction DCC VESSEL

**Captain:** UN Ocean Decade  
**Chief engineer:** Decade actions and DTO  
**Crew:** OceanPrediction DCC community  
**Navigator:** OceanPrediction DCC



### 2030: THE OCEAN FORECAST WE WANT



- Connected community and services
- Many robust systems worldwide

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# Why are we here today?

OPERA project: Africa leading a global transformation in Ocean Forecasting

## The two pillars of OceanPrediction DCC

1

A community organized in Regional teams....

<https://www.unoceanprediction.org/en>



2

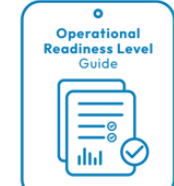
... devoted to create the best possible ocean forecasting services!



Shared knowledge



Building robust services



Operating and improving

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# Why are we here today?

We will introduce the OPERA project (objectives, activities, implementation plan over the four years, expected outcomes)

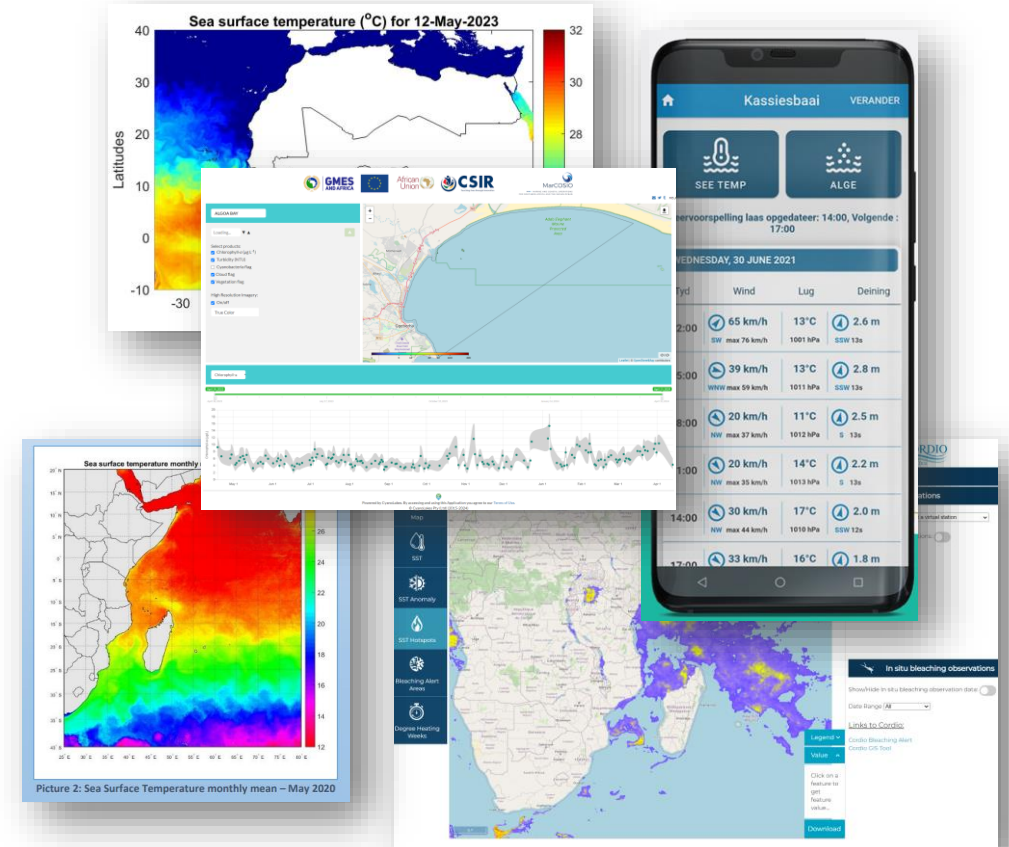
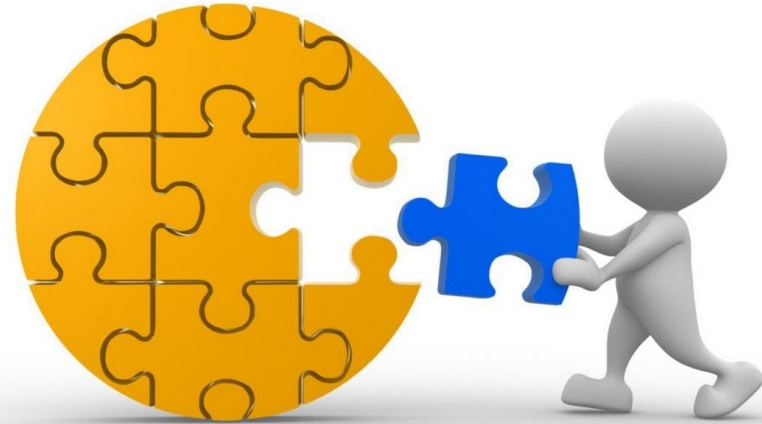
- **Objective:** Improve **Ocean resources sustainability** and **human welfare** in Sub-Saharan Africa by promoting Ocean forecasting and its applications
- **How-to?:** Collaborating with **3 consortiums of African centers** (2 specialized in regional thematic applications and one in ocean forecasting)
- **Who is funding?:** INTPA (International Partnerships). Directorate-general for formulating the EU's international partnership and development policy



# Why are we here today?

We will analyze where we are to start understanding what is next

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# Why are we here today?

We will explore the ongoing and past activities to sum-up



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IOC Sub Commission for Africa and the Adjacent Island States

**SEAWARD AFRICA**



## Final remarks

- OPERA is a unique opportunity for development Operational Oceanography in Africa
- A project to transform the panorama of Ocean forecasting in Africa, by African people (in cooperation with Europe)
- Thanks to OPERA, Africa will spearhead the DCC vision

*Our vision on how to implement OPERA is under development. Stay tuned to an Open session in May where more mature plans will be detailed*

Let's work together and enjoy the OPERA!

