

LOCAL KNOWLEDGE OF THE MARINE ENVIRONMENT TO PROMOTE OCEAN HEALTH AND SUSTAINABLE LIVELIHOODS IN SURINAME



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PROMOTING INTEGRATED OCEAN AND PARTICIPATORY GOVERNANCE IN GUYANA AND SURINAME: THE EASTERN GATE TO THE CARIBBEAN

- ▶ EU-financed project
- ▶ Started in the 1st quarter of 2017
- ▶ Use of participatory marine spatial planning for:
 - ▶ Fair and sustainable use of marine resources
 - ▶ Empowerment of marine resource users in Suriname



Financed by the European Union

NORTH BRAZIL SHELF LARGE MARINE ECOSYSTEM



THE GUIANA SHIELD



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MARINE RESOURCE USERS IN SURINAME

- ▶ Industrial fishers
- ▶ Artisanal fishers
- ▶ Hydrocarbon industry
- ▶ Maritime freight

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus

MARINE RESOURCE USERS IN SURINAME

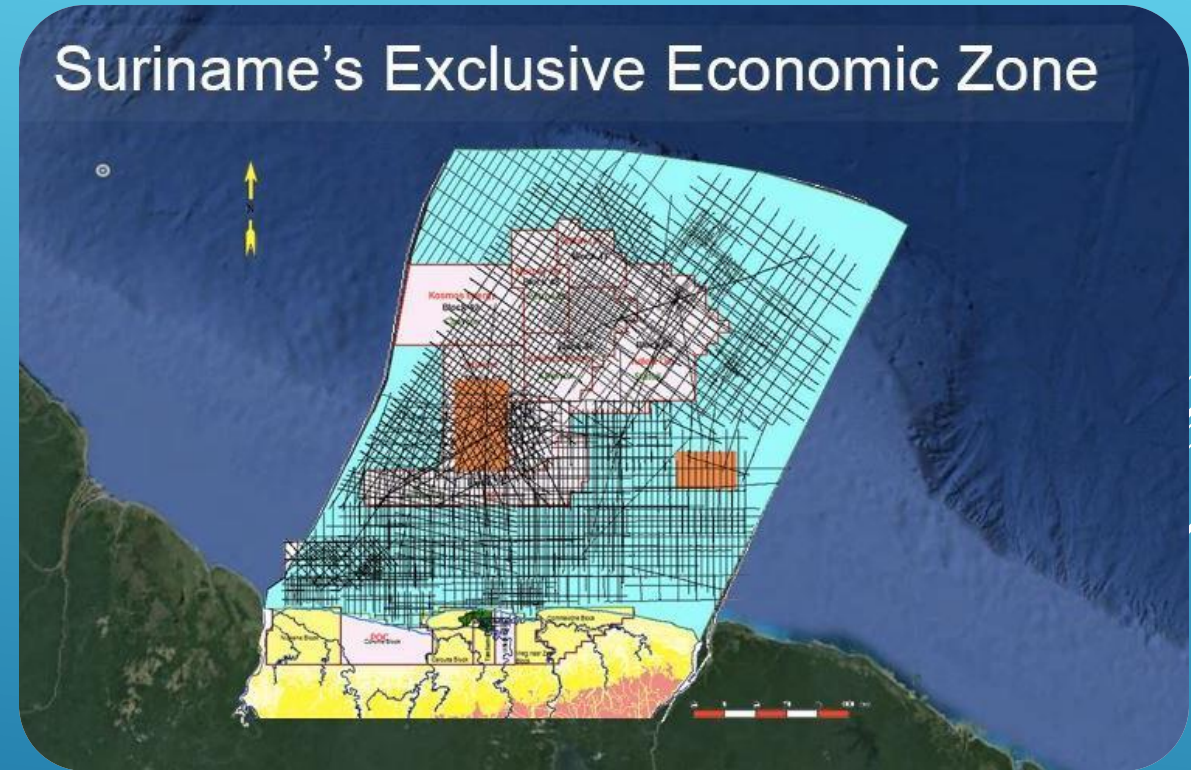
- ▶ Industrial fishers
 - ▶ National and international fleet
 - ▶ Trawlers & longliners
 - ▶ Two companies involved in MSC-certified seabob fishery
- ▶ Artisanal fishers
 - ▶ Artisanal fleet consists of:
 - ▶ Coastal fishers (large open boat and closed boat vessels)
 - ▶ Estuary fishers
 - ▶ Five co-operatives legally established in May, 2017.



MARINE RESOURCE USERS IN SURINAME

▶ Hydrocarbon industry

- ▶ Nearshore and offshore seismic surveys and exploratory drilling
- ▶ Companies active in Suriname:
 - ▶ Nearshore: Staatsolie Maatschappij Suriname N.V.
 - ▶ Offshore: Apache Corporation, Kosmos Energy, PETRONAS, Statoil, and Tullow Oil



MARINE RESOURCE USERS IN SURINAME

- ▶ Maritime freight
 - ▶ One major port:
 - ▶ De Nieuwe Haven
 - ▶ Four other sea ports outside the capital



Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus

PROJECT OBJECTIVES AND AMBITIONS

Enhanced protection of the marine environment and coastal resources

Fostering socio-economic development compatible with ocean health

Informed marine spatial management and the designation of marine protected areas

Three critical outcomes

1. Promoting and facilitating enhanced marine spatial planning, and marine spatial planning processes that provide an ecosystem-based framework for managing activities in the marine environment.
2. 10% of the Suriname EEZ designated as MPAs
3. Improved management of the marine area outside of the MPAs

PROMOTING INTEGRATED OCEAN AND PARTICIPATORY GOVERNANCE

Assumptions

- ▶ Increased marine protection and strengthened governance will:
 - ▶ Safeguard biodiversity
 - ▶ Enhance food security
 - ▶ Protect livelihoods
 - ▶ Increase resilience and support socio-economic development
 - ▶ Enhance local knowledge of the marine environment

PROMOTING INTEGRATED OCEAN AND PARTICIPATORY GOVERNANCE

Approach

- ▶ Full engagement and empowerment of key coastal and ocean users through collaborative processes..
- ▶ Informed spatial management, through structured dialogue between ocean users and multidisciplinary data.

PROJECT ACTIVITIES

- ▶ Collaborative approach to carrying out project activities.
- ▶ Primary activities carried out thus far:
 - ▶ Sharing and exchanging knowledge
 - ▶ Maximising learning



SHARING AND EXCHANGING KNOWLEDGE

- ▶ Formal consultations with stakeholders:
 - ▶ Inception meeting
 - ▶ 2-day project launch workshop
- ▶ Educational exposition sessions in coastal communities



MAXIMISING LEARNING

- ▶ Coastal exploration trips
- ▶ Identifying and compiling available oceanographic and coastline data
- ▶ Project website created, will be launched shortly

MOVING FORWARD

- ▶ Engagement with resource users is ongoing and adaptive to ensure wide-ranging active participation and buy-in



MOVING FORWARD

- ▶ Participatory 3D Mapping
- ▶ Environmental Sensitivity Index
- ▶ Implementation of complementary project, *See Marine Interactions*, funded by the Shared Resources Joint Solutions program

THANK YOU FOR YOUR ATTENTION

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