

SUSTAINABLE FISHERIES DEVELOPMENT IN ZANZIBAR

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Zanzibar Fisheries

- Artisanal Fisheries and Deep Fisheries
- 4.5% of Zanzibar's GDP, employs directly 63,000 fishers – 14% women & 100,000 along the value chain
- total coastline extends to 880 - estimated 4,000 km² of fishing grounds
- 7,919 fishing vessels, of which 96% are wooden vessels. (61% - sail- and paddle-propelled, 39% - outboard and 0.1% inboard engines (Frame survey 2020) and large and modern fishing vessels (foreign) with longliners and trainers in Deepsea
- catch per fisher per day is between 2 and 3 kilograms.
- 235 formal landing sites
- Common species targeted (tuna and tuna-like species, Reef fish, Small pelagic fish & Mollusca)
- Up to 2023 the total catch has reached 80,085 tons

Legal & Institutional Frameworks


 Department of Fisheries Development and Marine Resources


 Department of Marine Conservation

 Zanzibar Fisheries and Marine Resources Research Institute (ZAFIRI)

 Zanzibar Fisheries Company (ZAFICO)

 Deep-Sea Fishing Authority

 Blue Economy Policy (2022)

 Blue Economy Strategy (2022)

 Fisheries Policy(2022)

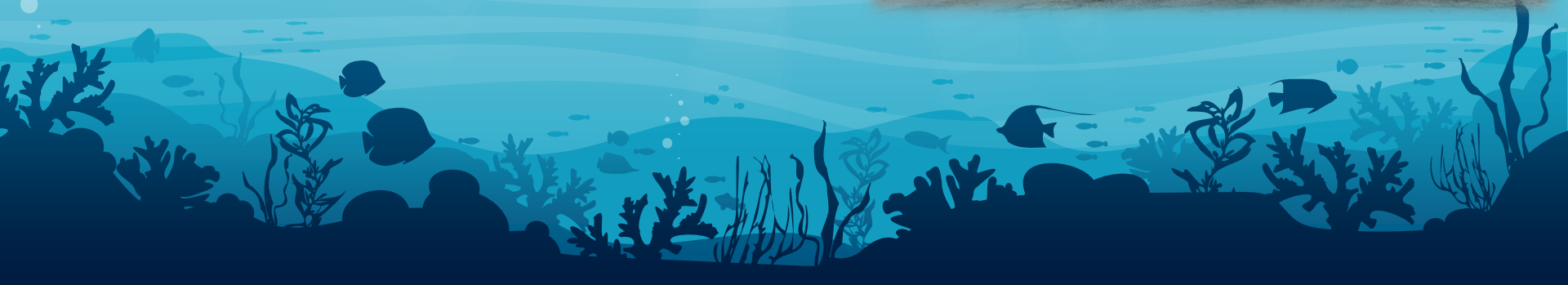
 Fisheries Strategy (2022)

 Fisheries Masterplan (2022)

 Fisheries Act No. 7 (2010)

Government Initiatives on Sustainable Developing Fisheries Sector

- Development of Modern Fisheries Landing Sites, Cold storage and ice-making plants
- provision of fishing boats of 7m and 8m long with gears
- Conducting capacity building (marine conservation, fisheries management, and the use of fishing aid devices such as finders and GPS.)
- 5 Marine Protected Areas (MPAs) & 2 underway
- Community-Based Fisheries Management (CBFM)
- Alternative Livelihood Programs(Aquaculture
- Research, international and regional collaboration and Monitoring
- Climate Change Adaptation measures

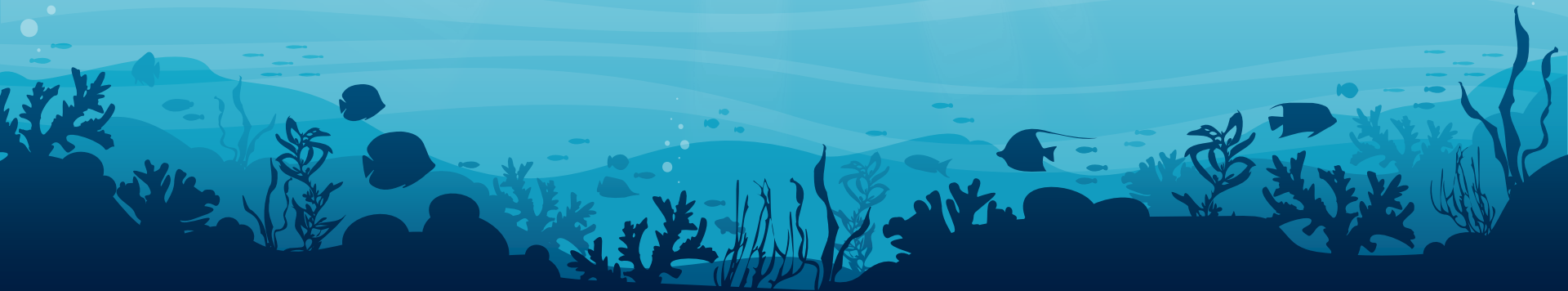


Constrains

-  Overfishing and overexploitation
-  Climate change impacts
-  Illegal fishing practices
-  Habitat destruction
-  Inefficient Data Management System
-  Pollutions

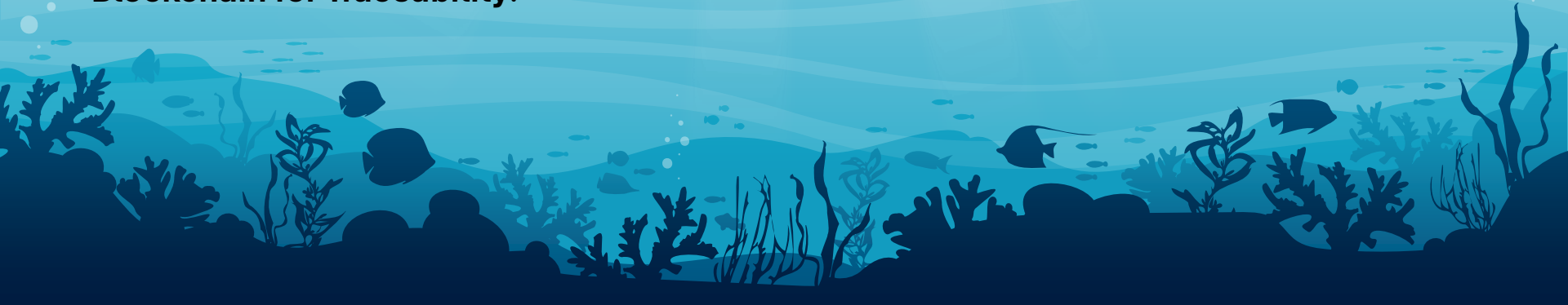
Success stories and case studies in Zanzibar

- The SAPHIRE project in the fisheries and aquaculture sector, together with the Office of the First Vice President, is being implemented and coordinated by FAO Tanzania.
- The SAMAKI project from NORHED Norway and University of Dar es salaam
- Covid 19 recovery project
- Swiofish
- More than 35% of the local peoples their life has been improved as result of this projects.
- Projects were focused sustainable utilization of the marine resources, the betterment of their live



Technologies and innovations to be employed for SFP

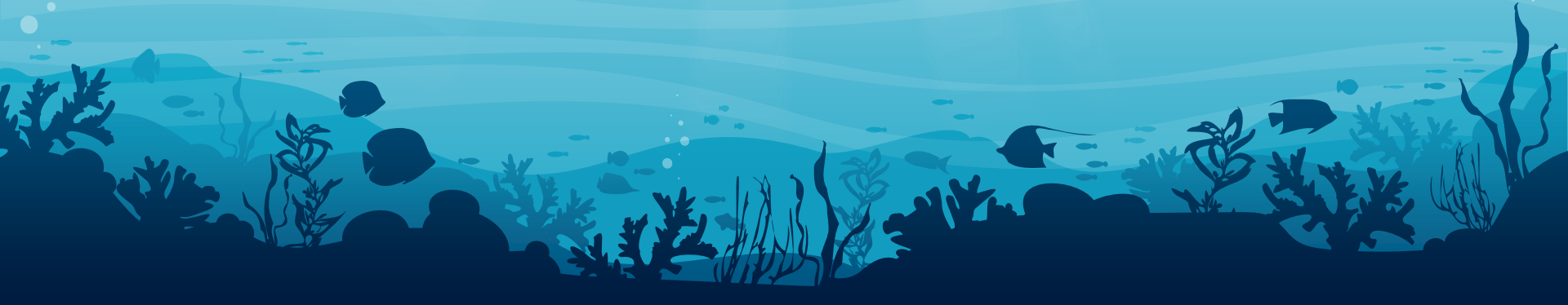
- **Satellite Technology**
- **Drones (Unmanned Aerial Vehicles – UAVs).**
- **Acoustic and Sonar Technology.**
- **AI and Big Data Analytics.**
- **Blockchain for Traceability.**



Opportunities

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- ❖ **High and deep sea fishing project**
- ❖ **Fish processing facilities**
- ❖ **Fish feed processing facilities for aquaculture industries.**
- ❖ **Fingerlings production facilities.**
- ❖ **Quality seaweed seeds technology (tissue culture)**
- ❖ **Anchovy processing facilities**



THANKS FOR YOUR TIME

THE END

