

ICZM

O D I S H A

INDIA



ICZMP Stretch 1

Paradeep to
Dhamara

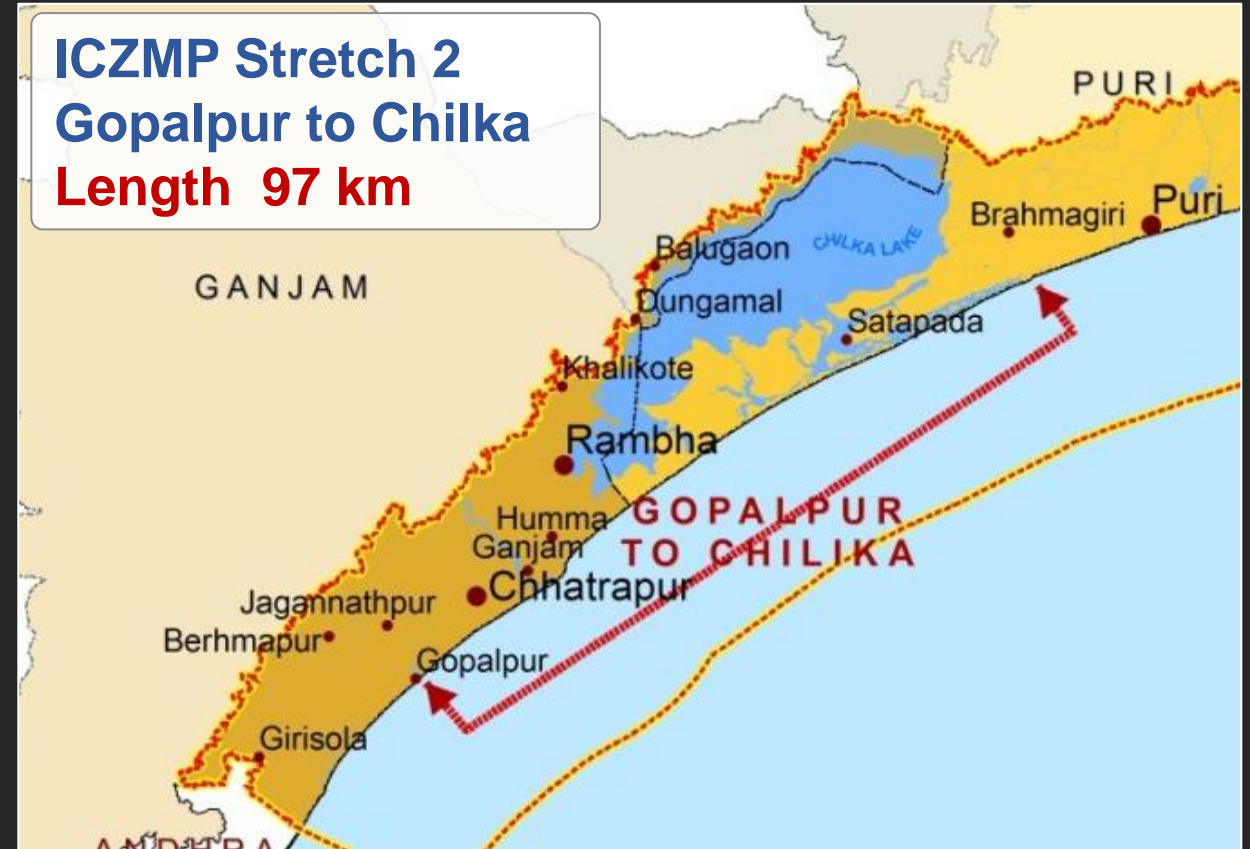
Length 85 km



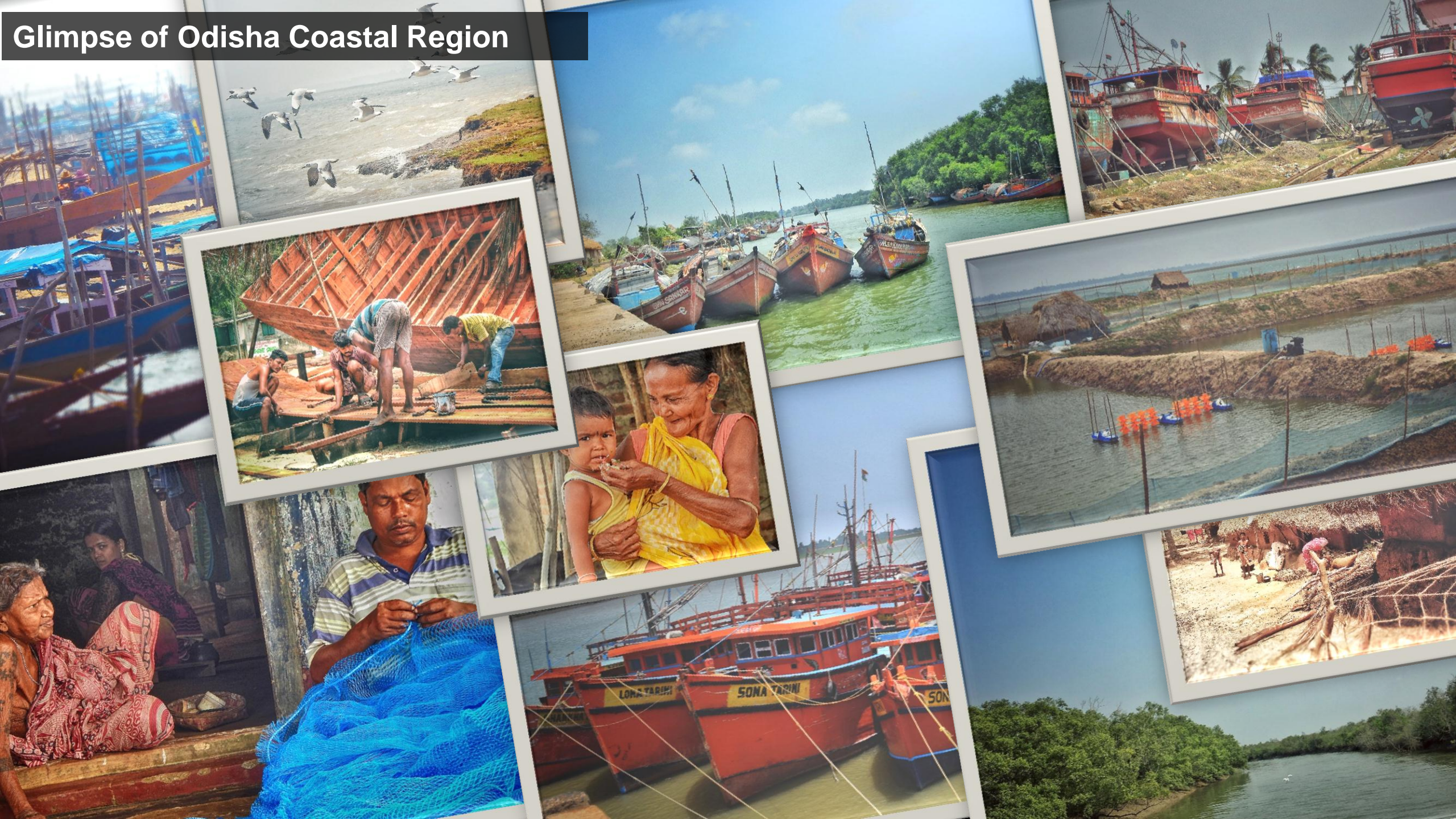
ICZMP Stretch 2

Gopalpur to Chilka

Length 97 km



Glimpse of Odisha Coastal Region



Project Mandate

Inception Report

approach, methodology, scope

Spatial/ Land Use Maps

geo spatial data base as foundation for entire analysis

Land Vulnerability Report

vulnerability and risk assessments in terms coastal hazards

Conceptual Model

understanding coastal behaviour and predict shoreline changes

Shoreline Management Plan

reduce the risks by lowering vulnerability through broad strategies

Sectoral Planning Recommendation

addressing generic planning & management issues pertaining to relevant sectors

Stakeholder Consultation & Conflict Resolution Report

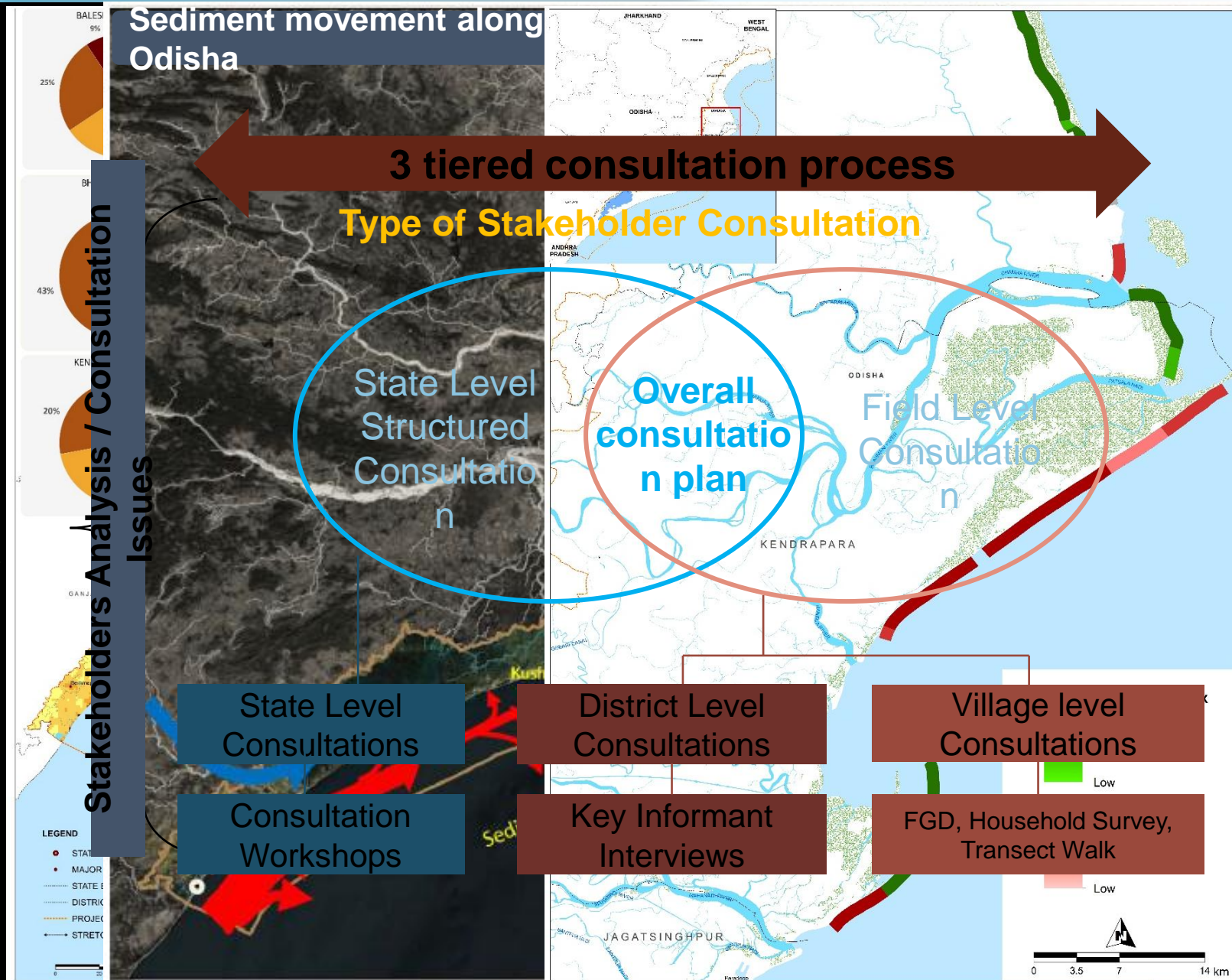
synthesis of findings/recommendations of all the stakeholder consultations

Integrated Coastal Zone Management Plan

facilitating sustainable development of coastal zones integrating all sectors and including implementation strategy

Foundation of ICZMP

**SURVEY
SCIENCE
SOCIETY**

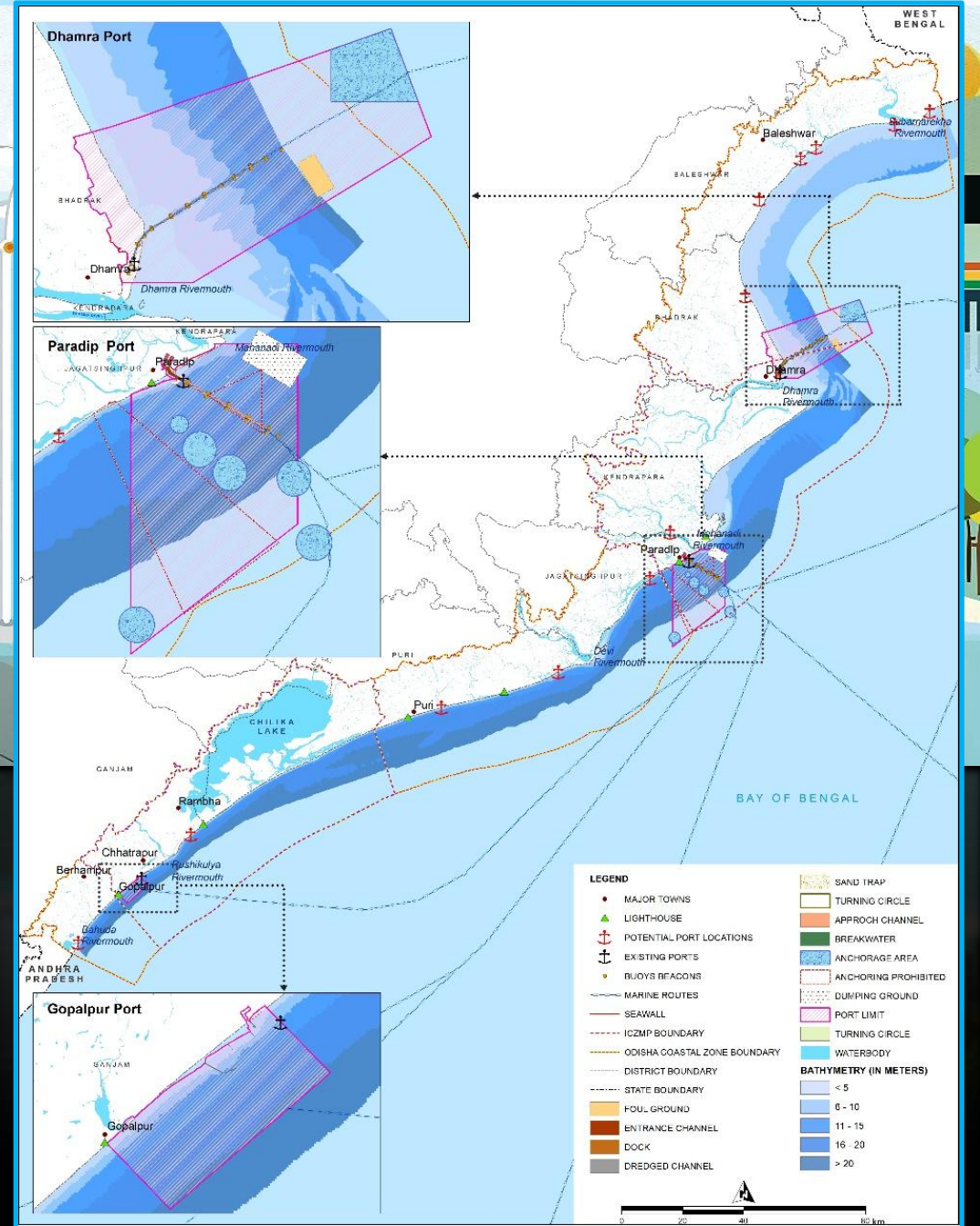
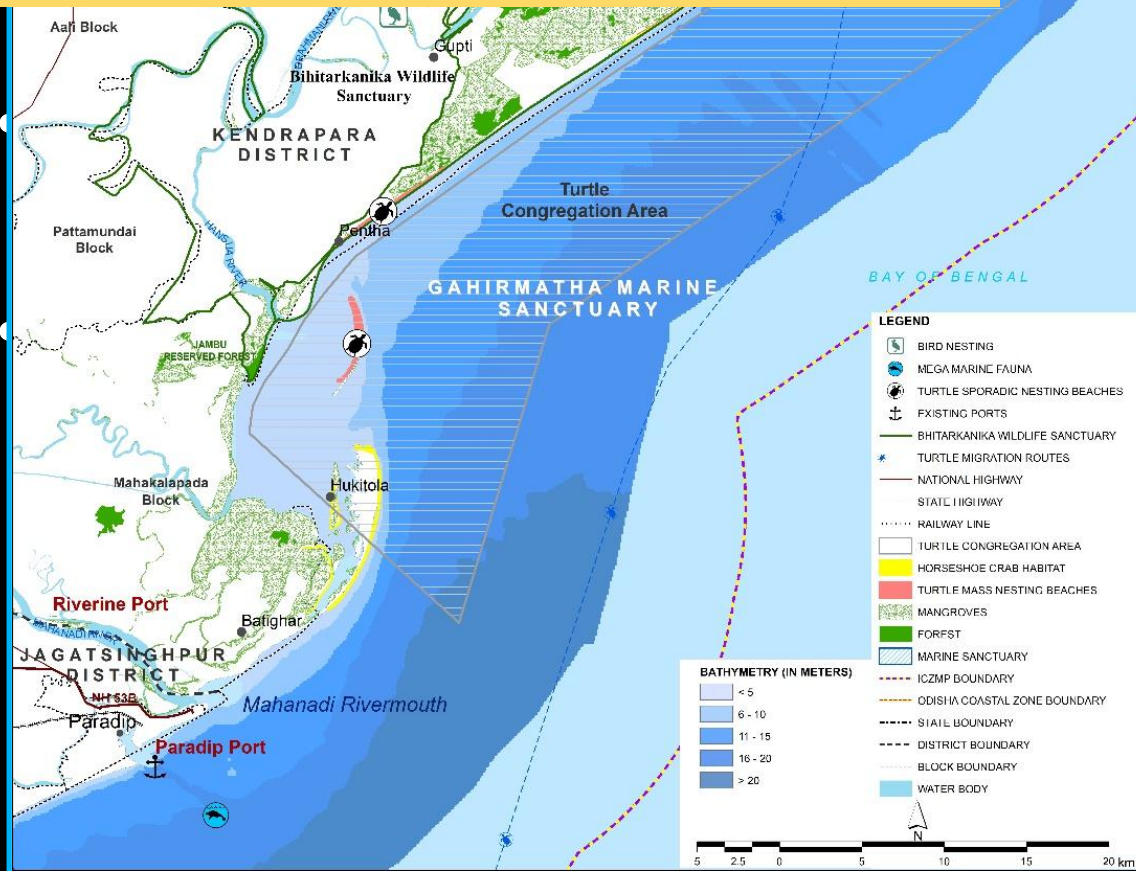


Marine Spatial Planning

Different Marine Uses along the Odisha Coast

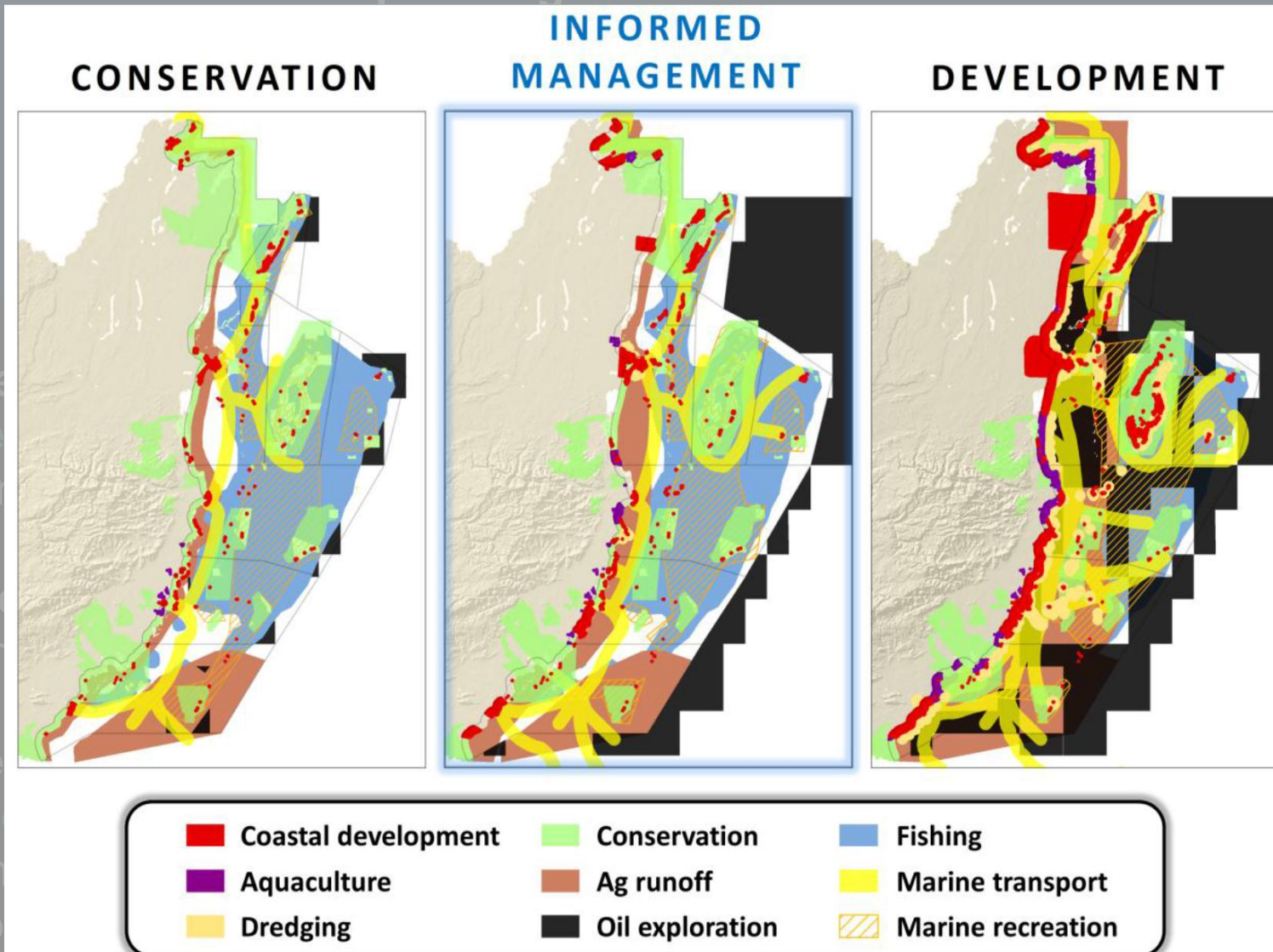
Use of Information:

- To develop options to manage human activities in the sea for long term sustainability of the Offshore resources.
- Suggestion of further studies and monitoring needs to administer sea use.



Contents of the ICZM Plan “Scenario

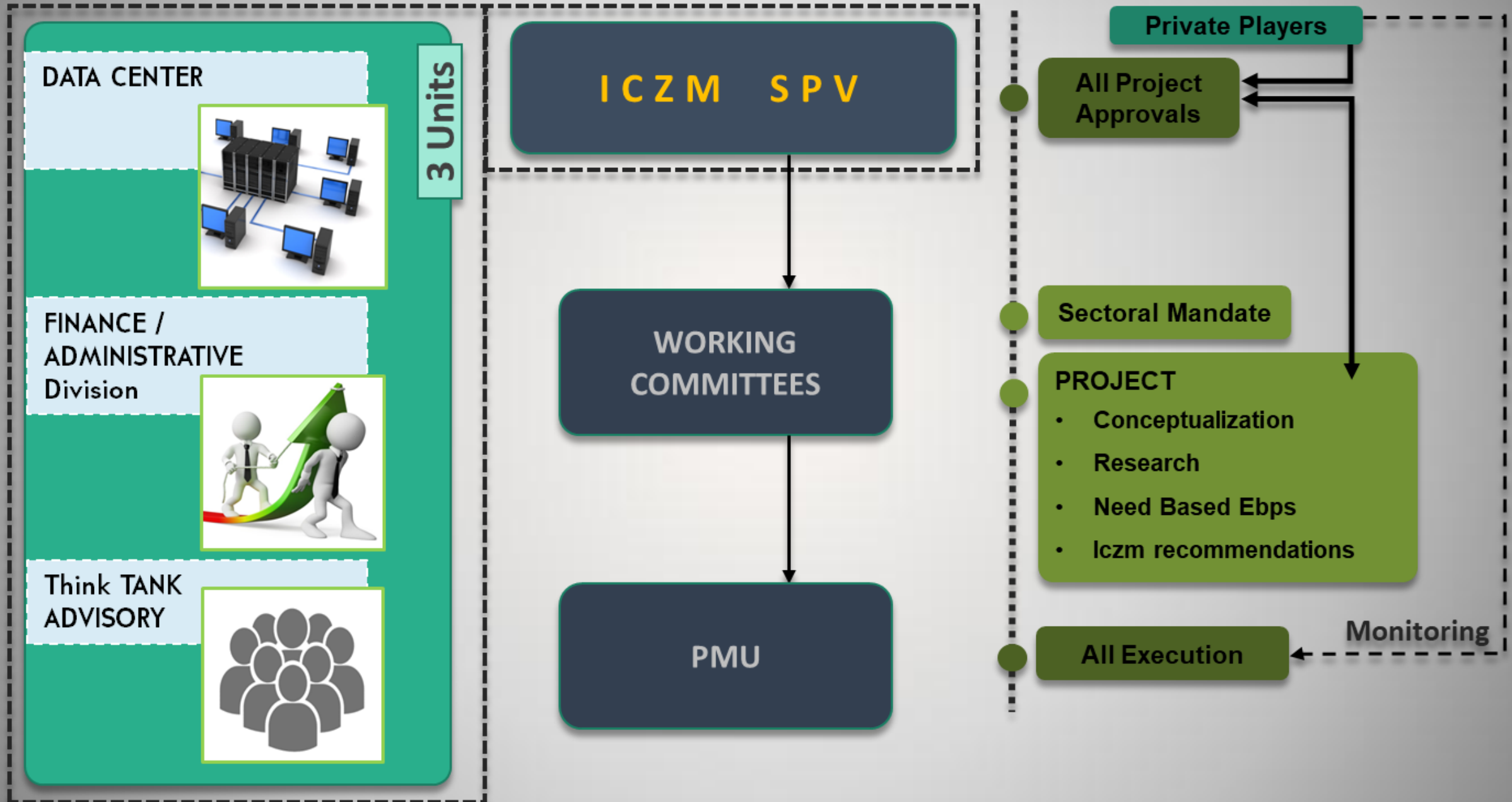
Building of Scenario Example



The Accomplishments

1. **Database Creation:** Assemble all related environmental and socio-economic information.(Coastal GIS Atlas + 500 maps)
2. **Vulnerability Assessment:** Risk Mapping for entire coast.
3. **Conceptual Modeling:** documenting and predicting coastal processes
4. **The Shoreline Management Plan:** Provide policy options and technical solutions for delineated sediment cells.
5. **Stakeholder's Consultation and Ground Verification Report:** State level consultations-workshops, District level consultations vis-à-vis key informant interviews, Village level Consultations- FGD, Household Survey, Transect Walk
6. **The Integrated Coastal Zone Management Plan:** Assess all the coastal features and provide implementation strategies in consultation with all

Draft framework ICZM Planning for Odisha: Implementation Structure



Way Ahead

- Successful implementation of 2 stretches of ICZMP, Odisha pave way for the ICZMP for the **rest of the coast of Odisha**.
- Government is envisaging **ICZMP** for other coastal states of India.
- Efficient planning and implementation of ICZM in India will now demand extensive survey works to build a **robust database of coastal and marine areas**.
- It will also pave way for many research works related to **ICZMP** in the **Indian context**.



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THANKS for listening...! 😊