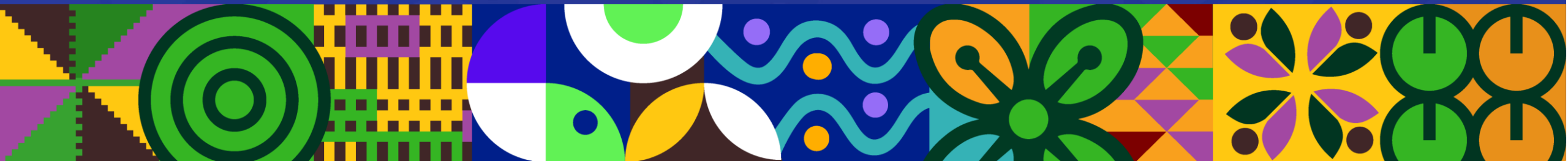




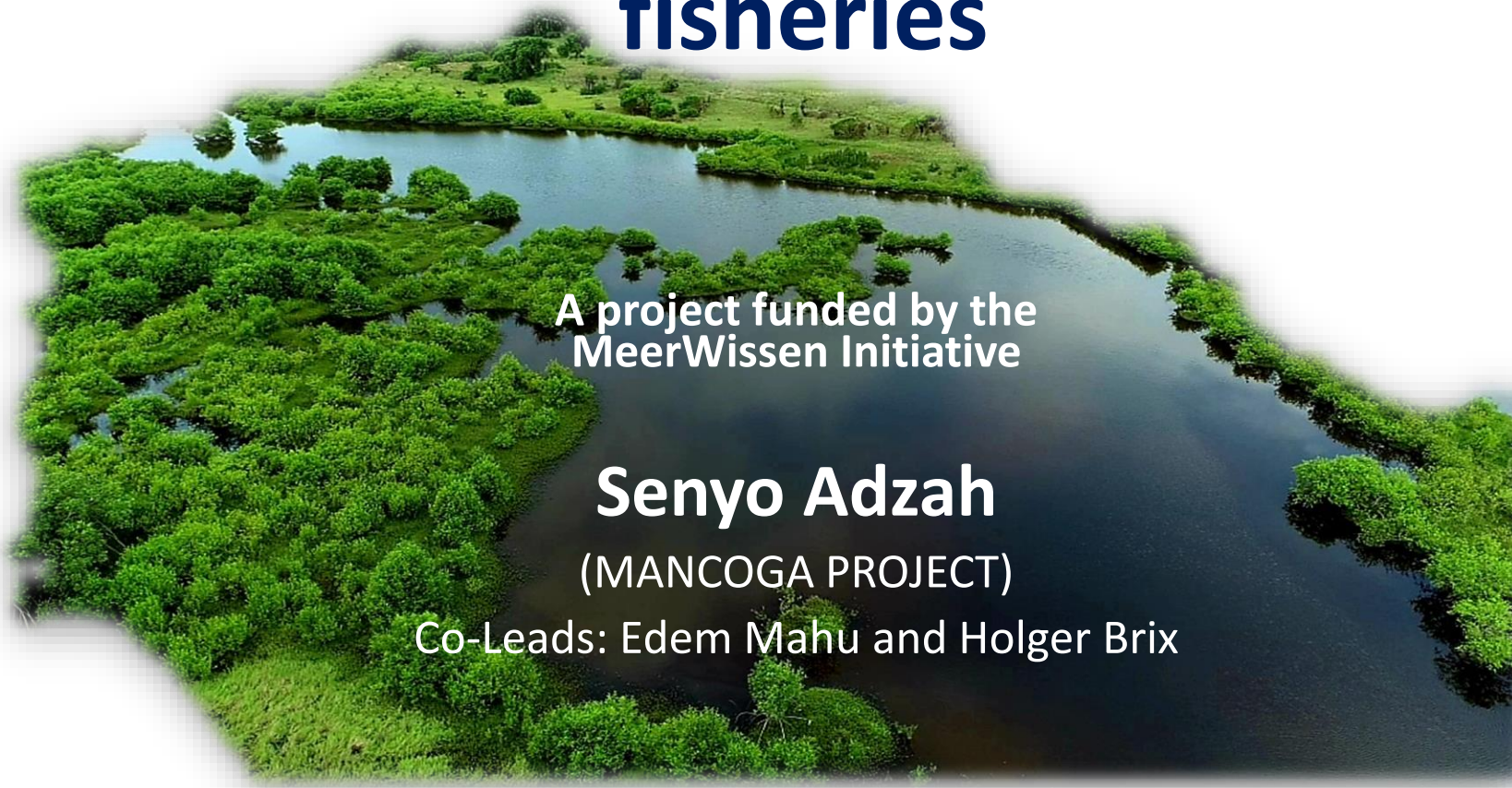
Senyo Adzah

*The Development Institute
Program Director
SYMA Foundation*

5th Symposium | Accra, Ghana | 24 – 28 October 2022



MANCOGA – Using data and co-design approach in understanding the role of mangroves in sustaining fisheries



A project funded by the
MeerWissen Initiative

Senyo Adzah

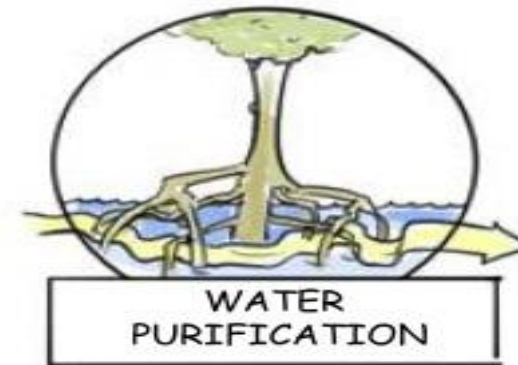
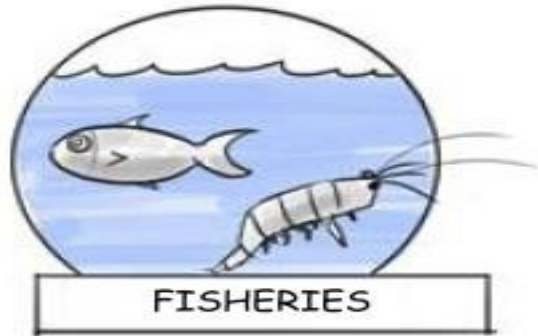
(MANCOGA PROJECT)

Co-Leads: Edem Mahu and Holger Brix

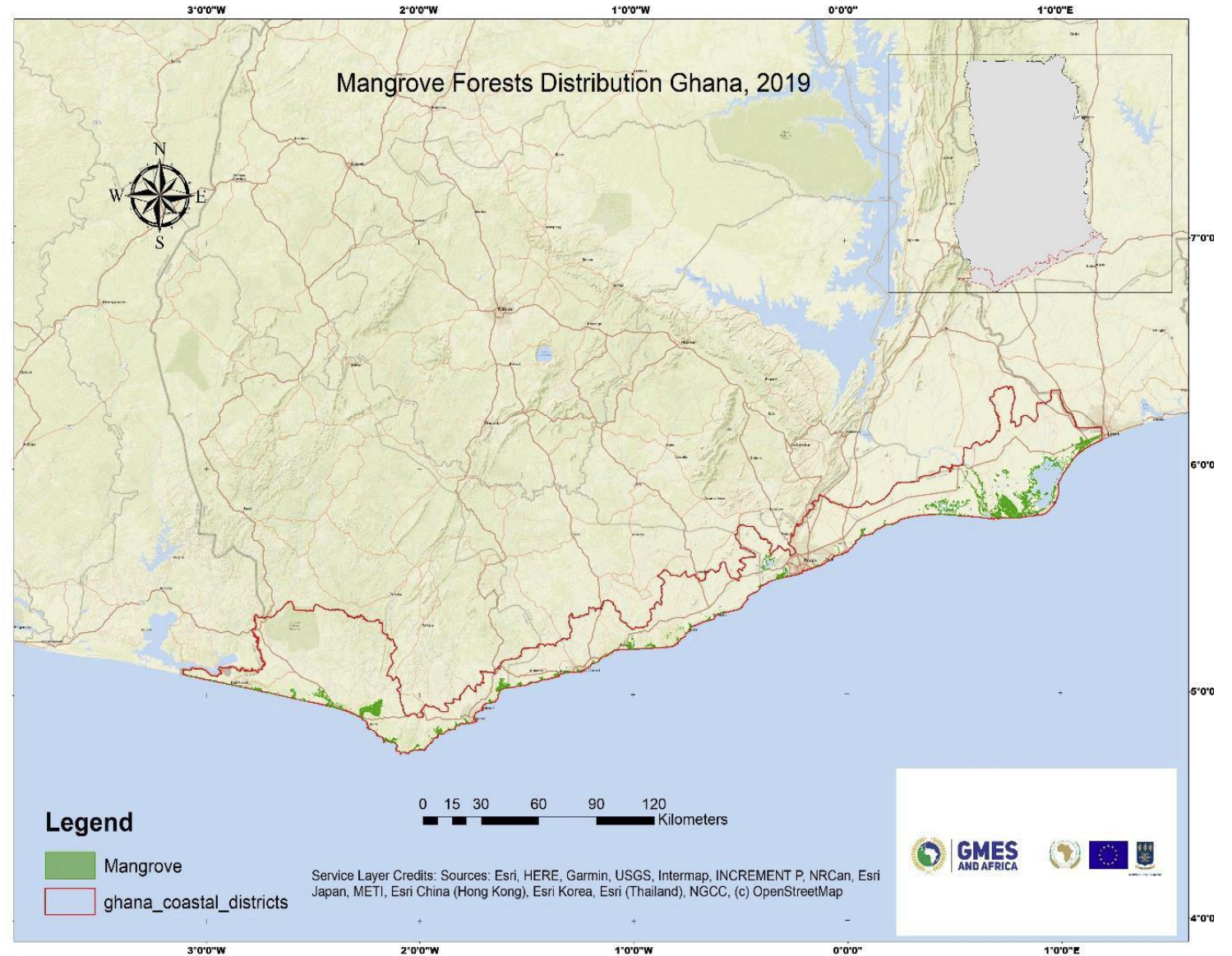
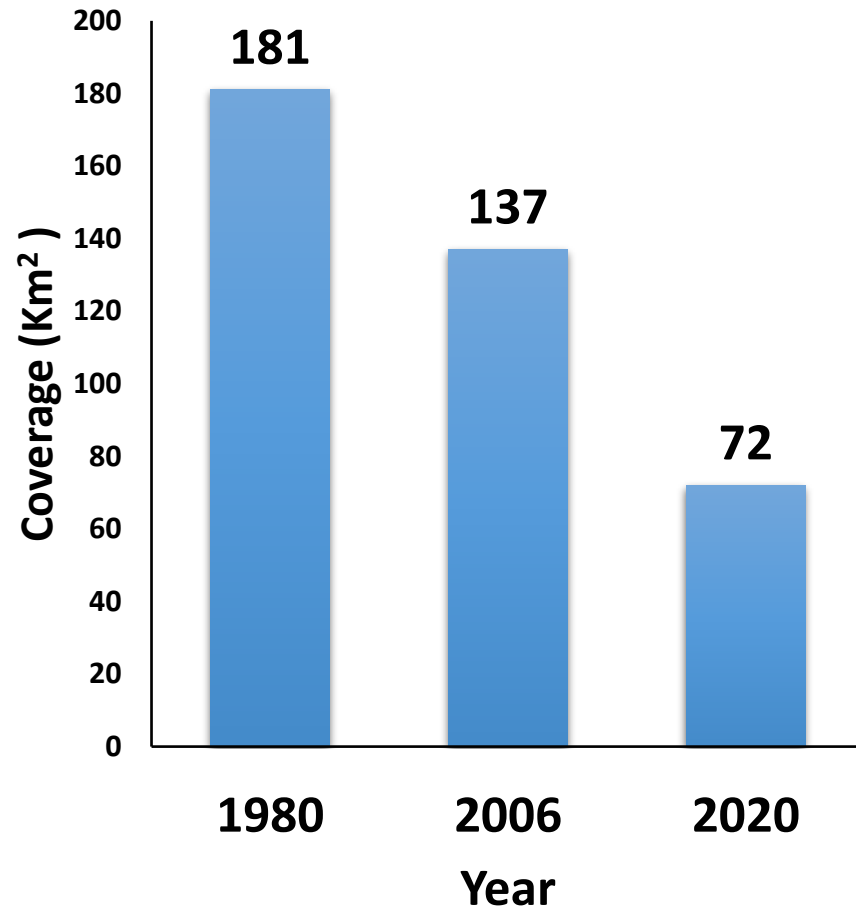
OUTLINE OF PRESENTATION

- IMPORTANCE OF MANGROVE
- DISTRIBUTION OF MANGROVES IN GHANA
- STATE OF MANGROVE IN THE EASTERN PART OF GHANA
- DRIVERS OF MANGROVE FOREST CHANGE
- WHAT MANCOGA SEEKS TO DO
- THE CO-DESIGN APPROACH
- KEY QUESTIONS
- EXPECTED OUTCOMES

Importance of Mangroves



Ghana's mangrove distribution

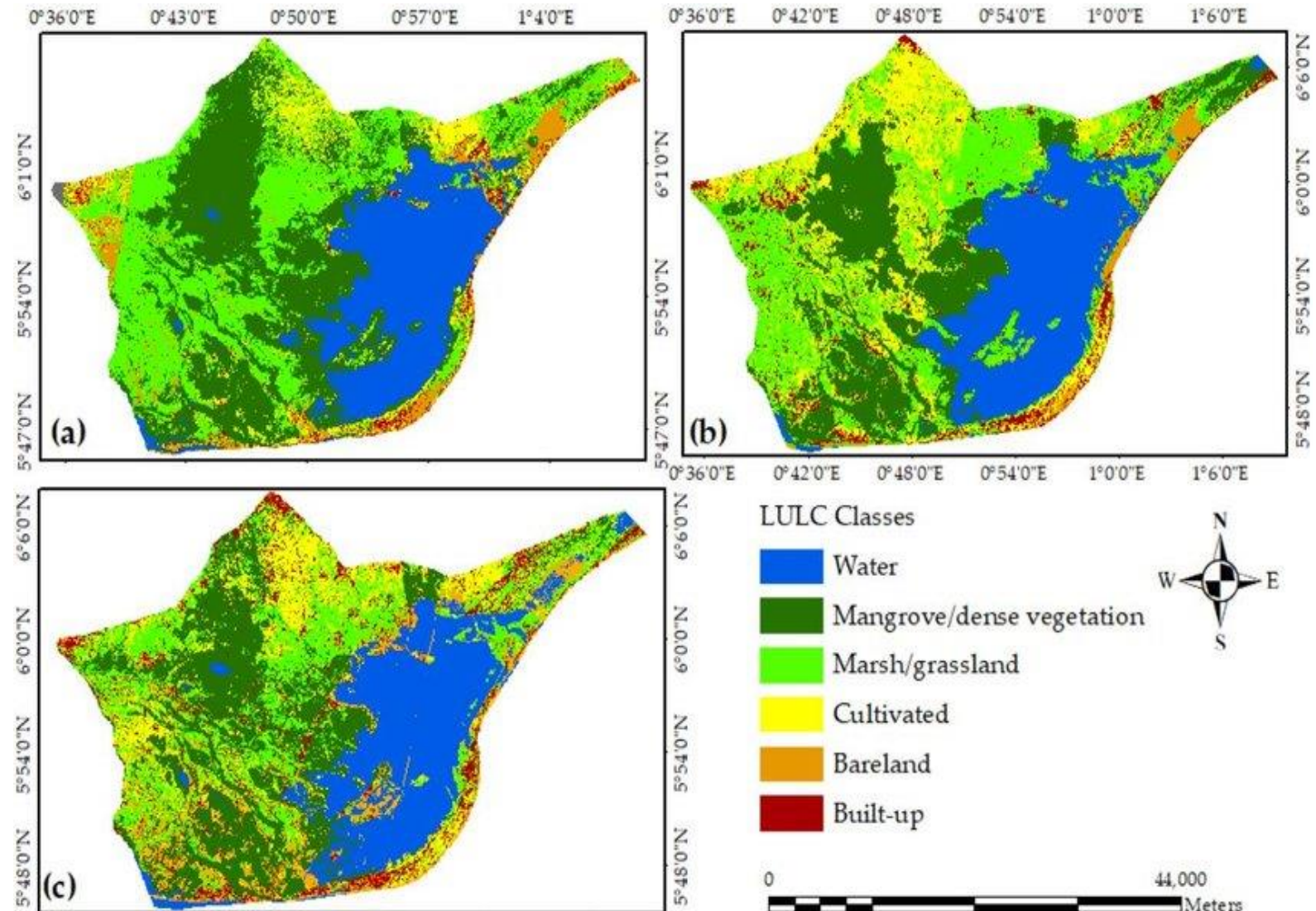


State of mangroves in Keta Ramsar Site

14.5% of mangrove loss between 1991 and 2007

Mangrove loss between 2007 and 2020 was 5.79%

Most of the areas now converted in agriculture lands, residential and bare lands



LULC maps of Keta Lagoon Complex Ramsar Site a) 1991 b) 2007 c) 2020

DRIVERS OF MANGROVE FOREST CHANGE

Overdependence



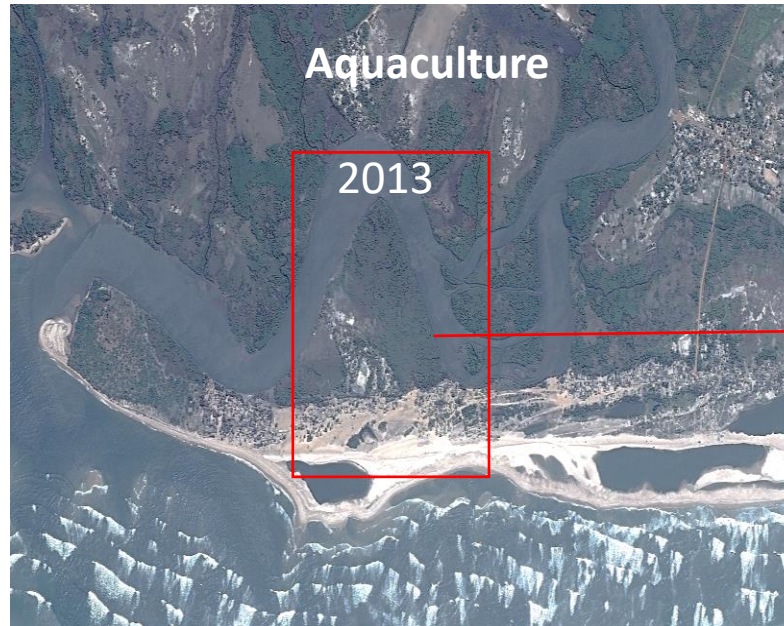
Salt pans



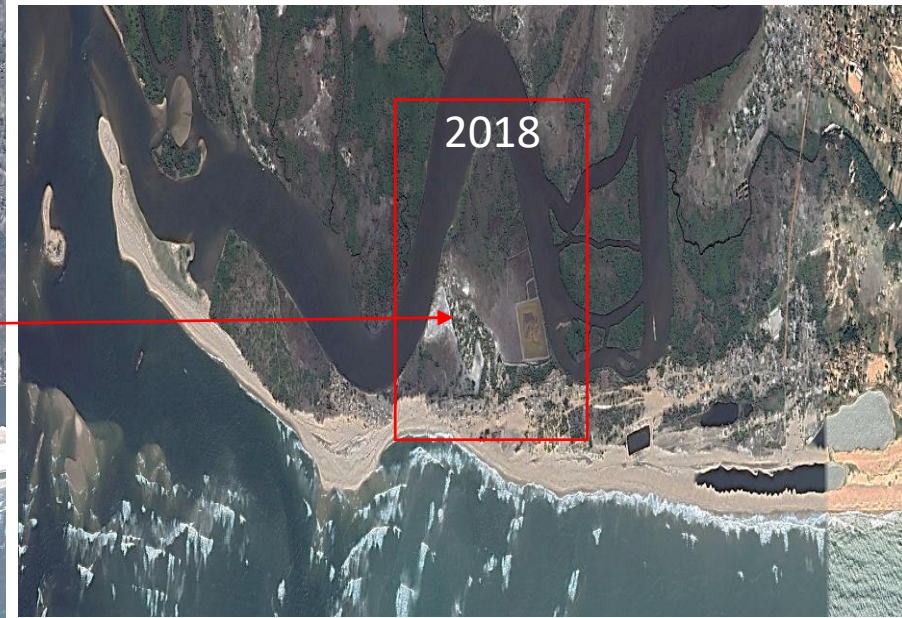
Building/construction



Aquaculture



2013



2018

WHAT MANCOGA SEEKS TO DO

MANCOGA aims to support and reinvigorating mangrove ecosystem along the Eastern coast of Ghana

GOAL

To build a
vibrant and
resilient
coastal
environment

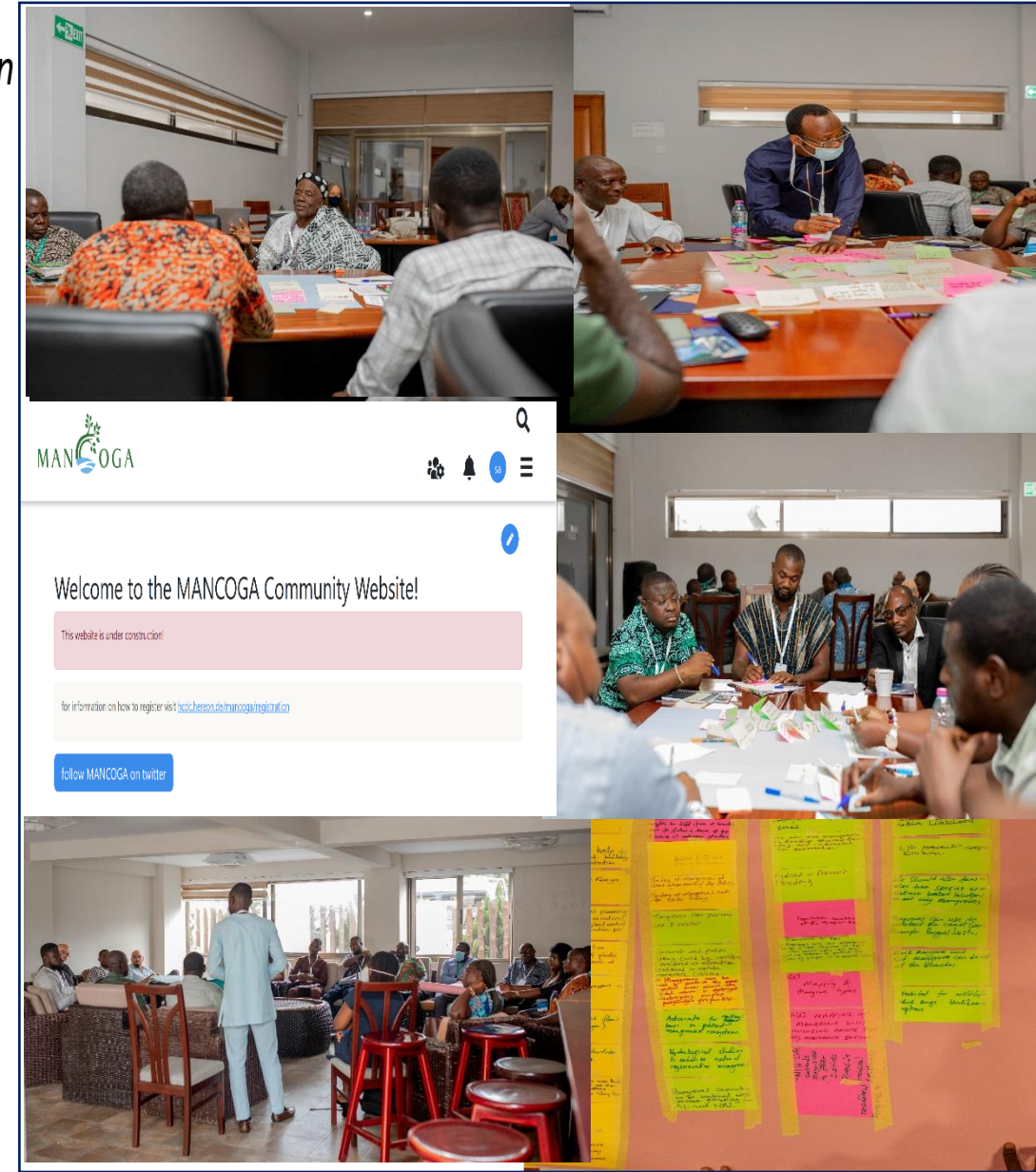
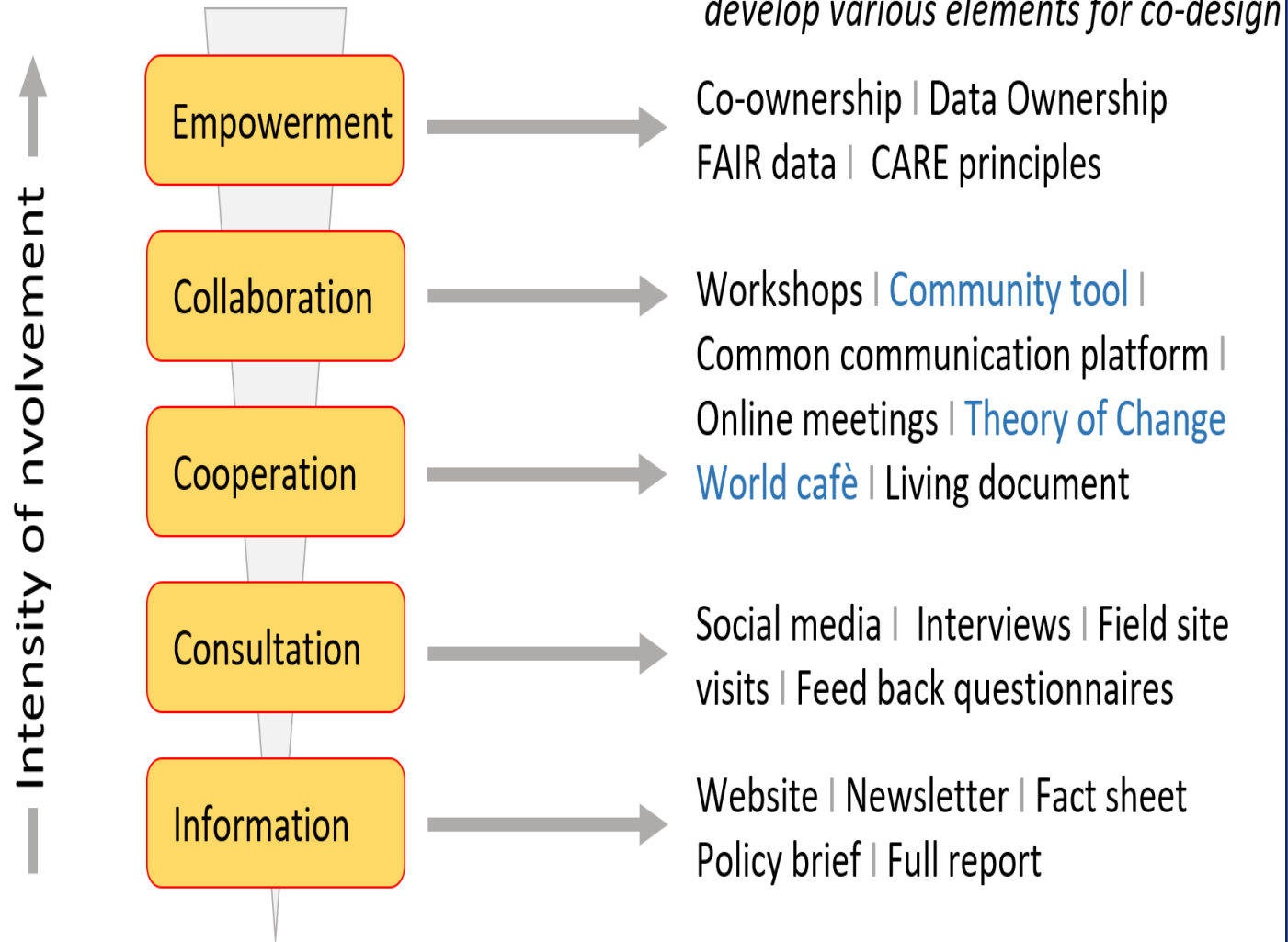
restoring
and
conserving
mangroves

provision of
sustainable
livelihoods



The Co-design Approach

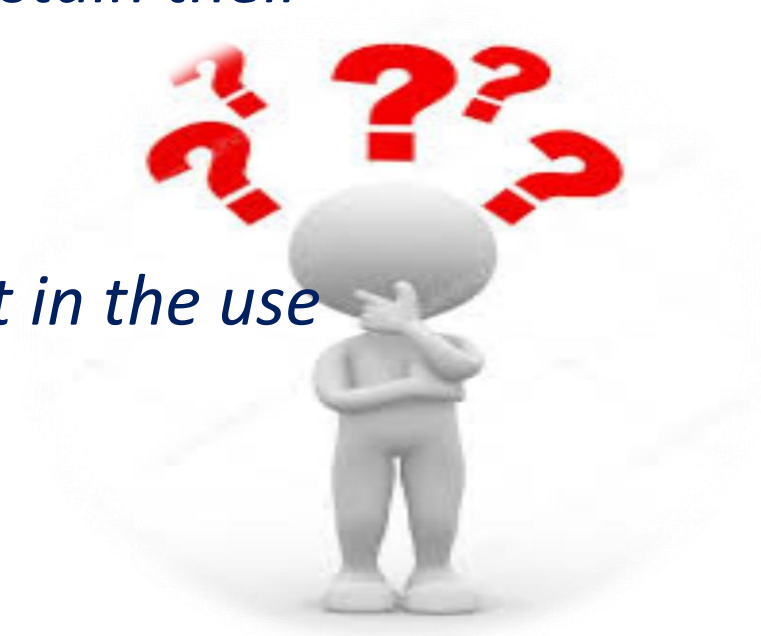
Different Stakeholders



Using the Co-design approach

Key questions during workshops

- *Are there any known examples of mangroves used as nature-based solutions in other regions of Africa?*
- *What is being done to conserve the ecosystem and sustain their fisheries?*
- *What ideas can you suggest to the MANCOGA project in the use of mangroves in conserving the ecosystem?*



EXPECTED OUTCOMES

LIVELIHOOD ASSESSMENT -

Produce an inventory of sustainable livelihoods options

SUITABLE SITE IDENTIFICATION-

Produce an inventory of suitable sites towards restoration

CONTINUED STAKEHOLDER ENGAGEMENT -

to discuss and develop

needs-based updates and improvements

for meeting future challenges



THANK YOU

