

# COASTAL ADAPTATION TO CLIMATE CHANGE IN THE GAMBIA

ABUBACARR KUJABI APO C&ME

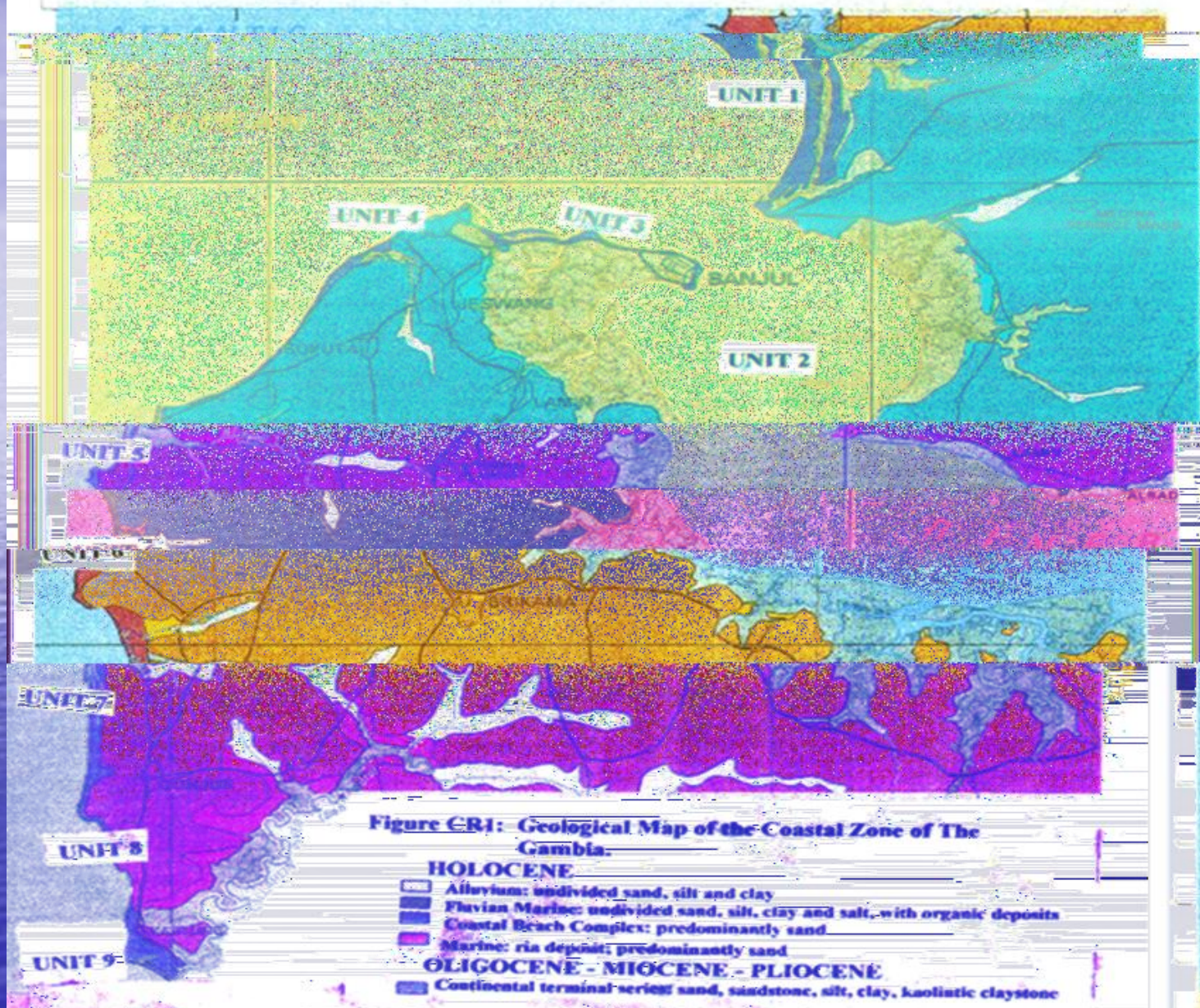
# PRESENTATION OUTLINE:

- THE GAMBIA'S COASTLINE
- EROSION IN THE COASTLINE (MAIN CAUSES)
- VALUES AT RISK
- COASTAL ADAPTATION TO CC MEASURES UNDERTAKEN

# THE GAMBIA'S COASTLINE

- The Gambian coastline covered a length of 81 km.
- About 70 km is exposed to the actions of waves and tides







# Cells

- Buniadu Point to Barra Point (cell 1),
  - a highly significant ecological area
- Banjul Port to Banjul Point & Oyster Creek (cell 2)
  - In this area, the coast is accreting resulting in frequent dredging
- Oyster Creek to Cape Point (cell 3)
  - This area is flanked with mangroves
- Cape Point to Fajara (cell 4)
  - is a cliff that is experiencing undercutting as a result of strong waves

# Cells

- Fajara to Kololi Point (cell 5)
  - most visited area on daily basis.
- Kololi Point to Bald Cape (cell 6)
  - no major coastal protection works after 2004 coastal erosion protection project until recently.
- Bald Cape to Kartong (cell 7 to 9)
  - Foreshore has been relatively stable, backshore affected by sand mining



# EROSION IN THE COASTLINE (MAIN CAUSES)

- Natural erosion by Wave Action
- Sand-mining
- Maladaptive intervention
- Inadequate Coordinated Coastal Zone Management

# VALUES AT RISK

- Economic values: Hotels and infrastructure
- Ecological values: protected areas and mangroves
- Cultural values: community values
- Livelihoods of Local People: fish landing sites, etc



# COASTAL ADAPTATION TO CC MEASURES UNDERTAKEN

- Beach nourishment Senegambia Beach (Kololi) (1 million m<sup>3</sup>)
- Beach nourishment Banjul (State House to Radio Syd) (1.4 million m<sup>3</sup>)
- Revetment and groynes at Cape Point (35.000 ton basalt rock)
- T-groyne at Bakau

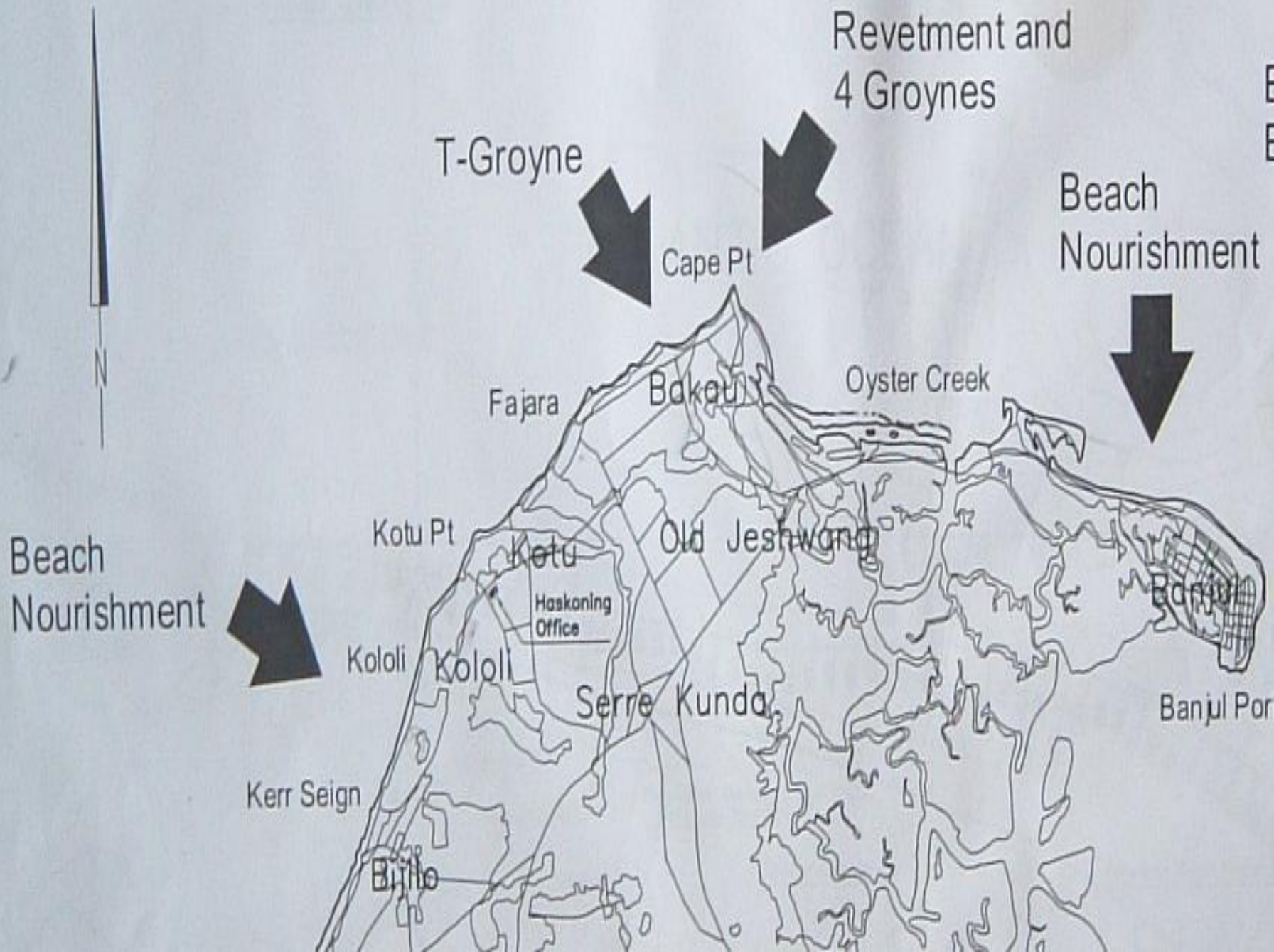












# ACCC Project

- the goal to reduce vulnerability and to increase adaptive capacity to the adverse effects of CC
- 12 ha was reforested in August 2011 at TWC
- 28 canoes were provided to women group Oyster collectors at Lamin
- Community Sensitisation on ecotourism and adaptation to CC



# GCCA Project

- The development of strategic and management plans for (ICZM)
- capacity building and livelihood activities for coastal communities
- National Climate Change Policy
- ICZM Bill 2015

# GEF Coastal Resilient Project

- addressing the challenging coastal erosion issue at the Kololi /Senegambia









# ODS phase out and HFC phase down

- ODS Regulation 1999, 2013
- ODS and HFC regulation 2019
- Trainings/awareness raising on CC and EE

The background is a smooth blue gradient, transitioning from a lighter blue at the top to a darker blue at the bottom. On the left side, there is a bright sun flare that creates a white and yellow glow, with light rays extending across the sky. The overall effect is serene and clean.

- Thank you