TEAM NAME: SQUAD GOALS

NAME OF TEAM MEMBERS:

1. BADRU YAHYA RASUDI
2. LEWINA FULKO MLOWE
3. HASSAN SAID HAMAD
4. SABRA ALI KHERI

TITLE: COMPEITING TO COASTAL RESOURCES AND UNSUSTAINABLE USES.

BACKGROUND:

In fact, scientists estimate that half of the world’s coral reefs have already disappeared thereby impacting marine ecosystems and coastal communities at large. In case of Zanzibar context particularly in Paje and Tumbatu Island, research show that every year coral reefs face direct threats due to increasing competition between many various coastal activities and un- sustainable uses resulting into disappearing of a huge amount of coral reefs especially those which are located in the shallow water zone.

PROBLEM: CORAL REEF DESTRUCTION

Causes of coral reef destruction

* Illegal fishing methods.
* Overfishing.
* Due to marine transport vessels.

Effects of coral reef destruction

* Decline of tourism sector
* Extinction of marine ecosystem
* Decline of fishing sector
* Declination of national economy
* Decrease in per capital income

Hindrances toward solving the problem

* Poverty
* Low awareness
* Improper implementation of policies and laws
* Lack of reasonable researches (mapping) and follow up

SOLUTION: COASTAL WEB MAP

This is a web-map that shows the hotspot of coral reefs and identifies the most vulnerable areas as well as revealing their health condition while suggesting the protected areas where coral restoration campaign is to be established with a message that is carried in a Swahili accent, ***“kwa pamoja tuyatunze matumbawe kwa maendeleo ya baadae” or “together let’s protect the corals for future development”*** .

TARGETED STAKEHOLDERS:

* Government i.e. ministry of blue economy, ministry of fisheries, and Zanzibar Fisheries and Research Institute (ZAFIRI) and Zanzibar Investment Promotion Authority (ZIPA).
* Non-government institutions such as Mwambao Coastal Community Network (MCCC).
* Local community.

POSITIVE IMPACTS OF THE SOLUTION

Protection and conservation of marine ecosystem

Increase in the production and flourishing of marine species

Increase of employment opportunities

Growth of national income

Reduction of poverty

Influences trading, fishing and tourism activities