ACTIVITIES

*Waste management:
- ↳ ~~Cities~~ landfill - how much methane is in there? To reduce methane emissions
- ↳ Urban mining of landfill to get recyclables out of it - to consider local usage of the materials besides exporting it.

*Sea level inundation - Coastal erosion
- ↳ Building regulations. As the environment changes, laws need to be reviewed

* Invasive species
- ↳ Increasing Biosecurity capacity - strengthen enforcement + compliance; research on biocontrols
- ↳ More research on existing invasive species - LIDAR + ground-truthing to identify invasives
- ↳ Develop Action Plans
- ↳ Production of alternative materials e.g using albezia-trees of (sugar cane) to create products like plates

*lagoon health + pollution (sand mining + over harvesting)
- ↳ Education + management of tourist interactions w/ the environment
- ↳ Support existing initiatives e.g MEC stream planting. Expanding these activities
- ↳ Enforcing existing regulations
- ↳ Wetland restoration, artificial wetland construction
- ↳ Research on species abundance
  - ↳ Outreach on findings + conservation activities

* Enforcement of existing policies
- ↳ Applicable to all activities mentioned above
- ↳ Education + Awareness

Main issues/Priorities
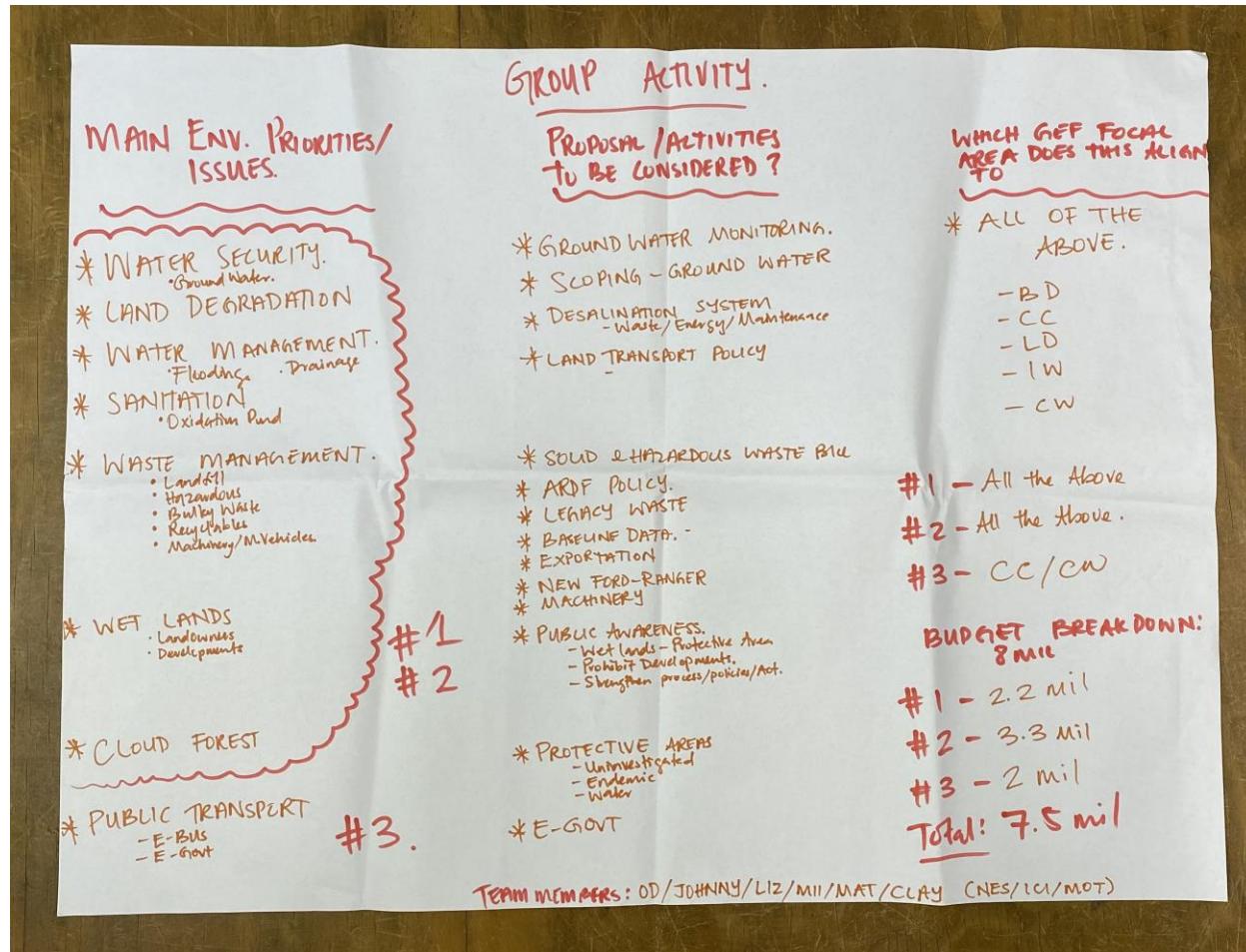
TIS, mPAI, CCCI, mocD, CIT,
Red Cross, mmR, NEJ

* ↳ Waste) management
  chemicals
↳ Sea level inundation

↳ Coastal erosion

* ↳ Invasive species
  (Biodiversity focal area)
* ↳ Lagoon health & pollution (sand mining + over-harvesting)
  (Biodiv. +land degradation + int. waters)
↳ Human/tourism impacts e.g on sites of cultural or environmental significance

↳ Enforcement of existing policies

↳ Over harvest of food species

↳ ~~Primary production i.e eutrophication~~

* ↳ Food security (imports vs exports imbalance)
  ↳ encouraging local produce, over-reliance of imports
  (Biodiversity, International waters focal area)
↳ ~~Wetland infilling (for construction/houses)~~
↳ ~~Sand mining~~

↳ Energy security, residential & transport.

- Life/living · intrusion NSDA = Funding from govt.
- Water } safe - Security Fish local quality - Report on plan
- Food } - Ext. funding
- Environment = Data - 5yr. Repair, Sea, Restore, Conserve, Water
- Cultural: Sites, Heritages, Practices, Knowledge Traditional
- Biodiversity: Trad. Species, wood, Fibre, arts n crafts
- Land degradation, impacts, safeguards, enforcement
  → Zoning, spatial planning, tenure, legal
  → NES

- Marine Spatial
  · stakeholders
  · use
  · reef survey · marine
- definitions - boat size · community
  · Waste - GEF7 · Upstream
    - Sanitation↓ + marine
    - Pollution: emission
  · renewable · incinerator

· awareness
· traditional leaders.
· teeth: legal, physical resources, protected areas
· police · monitor ra'ui
· funding - through mandate
· visitors

- Players: NES, Ag, MMR
  cross-agency integrated
    → cult. UNESCO
  - Value
  - ID. other donor partner
  - FAD
- RA'UI — cigutera
  - seasonal

· monitoring - baseline
  - enrich — staff
  - inform
  - X academic research
  - co-ordination 1:1

2. Activities / Proposals.

- Data, monitoring, evaluation, baseline
- Spatial planning: land + marine
- Investigation - aquifers 1960s - decisions
  - refill
  - definition
  → now...

- Each island
  - system
  - desalination
  - protection
  - de-centralisation
  - infrastructure
  - disaster

- Through-thread culture
- Enabling environment: flow, sustained
- Prioritise what to do next?
- Embed data collection / trial → policy
  → centralise
  - practical action

Water climate?
  - island-specific
  - strategy
  - sources
  - meterology
  - small-water cycles

GROUP ACTIVITY.

MAIN ENV. PRIORITIES/ ISSUES.

* WATER SECURITY.
  • Ground Water.
* LAND DEGRADATION
* WATER MANAGEMENT.
  • Flooding • Drainage
* SANITATION
  • Oxidation Pond
* WASTE MANAGEMENT.
  • Landfill
  • Hazardous
  • Bulky Waste
  • Recyclables
  • Machinery/M. Vehicles.

* WET LANDS
  • Landowners
  • Developments

* CLOUD FOREST

* PUBLIC TRANSPORT
  – E-Bus
  – E-Govt

#1
#2

#3.

PROPOSAL/ACTIVITIES To BE CONSIDERED?

* GROUND WATER MONITORING.
* SCOPING – GROUND WATER
* DESALINATION SYSTEM
  – Waste/Energy/Maintenance
* LAND TRANSPORT POLICY

* SOLID & HAZARDOUS WASTE Bill
* ARDF POLICY.
* LEGACY WASTE
* BASELINE DATA. –
* EXPORTATION
* NEW FORD-RANGER
* MACHINERY
* PUBLIC AWARENESS.
  – Wet lands – Protective Area
  – Prohibit Developments.
  – Strengthen process/policies/Act.

* PROTECTIVE AREAS
  – Uninvestigated
  – Endemic
  – Water

* E-GOVT

WHICH GEF FOCAL AREA DOES THIS ALIGN TO

* ALL OF THE ABOVE.

  – B D
  – C C
  – L D
  – I W
  – C W

#1 – All the Above
#2 – All the Above.
#3 – CC/CW

BUDGET BREAKDOWN:
8 Mil

#1 – 2.2 mil
#2 – 3.3 Mil
#3 – 2 mil
Total: 7.5 mil

TEAM MEMBERS: OD/JOHNNY/LIZ/MII/MAT/CLAY (NES/LCI/MOT)

*Food security
↳ Market substitution
↳ Revive Young Farmers program, or similar
↳ Policy change to increase prices of imports = Local products
   more favourable — needs to be a lucrative market

* Energy security
↳ Prioritize residential ~~solar~~ renewable energy