



HOW RESILIENT IS PEMBA CITY?





PRESENTATION LAYOUT

1. Spatial Dimension
2. Population Dynamics
3. Economy and Livelihood
4. Hazards and Challenges
5. Local Government Actions for Risk Reduction



I. SPATIAL DIMENSION

Pemba is the capital city of Cabo Delgado Province, and is divided in 13 Bairros / Residential Units.

The Urban area of Pemba city is 194 km². It has the 1st biggest Bay in Africa and the 3rd biggest in the world after Rio de Janeiro and Sydney





2. POPULATION DYNAMICS

- It has 201.846 people at a growth rate of 8.7%. Of these 101.993 are women whose growth rate is 4.4% and 99.853 men growing at the rate of 4.3%.
- Public transport by bus is provided mainly by private owners.
- Bus service to other districts also available



3. ECONOMY AND LIVELIHOOD

- Tourism, fisheries and commerce are the main economic activities – with the gas and oil project nearby in the Palma District the City of Pemba has gained special attention. Ex. A logistic base has been projected and under construction



3. ECONOMY AND LIVELIHOOD (cont..)

ACCOMMODATION
– competitive
Services and
prices.

TOURISM

TRANSPORT – Air
(international and
domestic airport)
competitive



FISHERIES





4. HAZARDS AND CHALLENGES

- Land slides
- Seawater intrusion
- Land degradation / erosion
- High population density in vulnerable areas (slums)



4. HAZARDS AND CHALLENGES (cont)

SEAWATER INTRUSION;



LAND DEGRADATION/EROSION





4. HAZARDS AND CHALLENGES (cont)

SEAWATER INTRUSION



LAND SLIDES





4. HAZARDS AND CHALLENGES (cont)

HIGH POPULATION DENSITY IN VULNERABLE AREAS





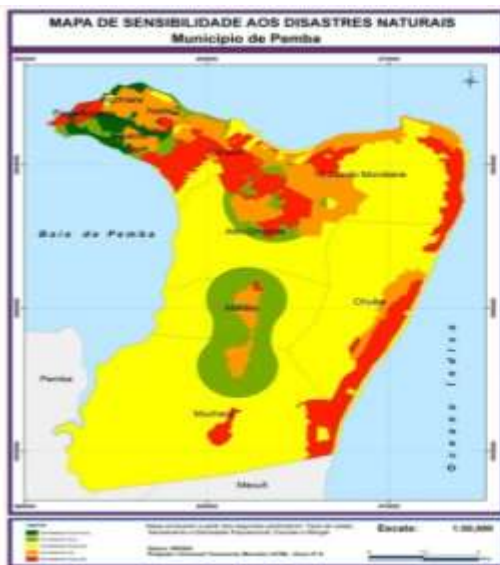
5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION

- Vulnerability maps
- Digital cadaster
- Resilient housing
- Local adaptation plan
- Climate change project design and fund raising (COMPACT OF CITIES)
- Smart partnership (Aberdeen City/Scotland; Reggio Emilia/Italy, Sines/Portugal)
- Communication strategy for behavior change
- Plant production and planting



5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION (cont..)

VULNERABILITY MAPS AND DIGITAL CADASTER





5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION (cont..)

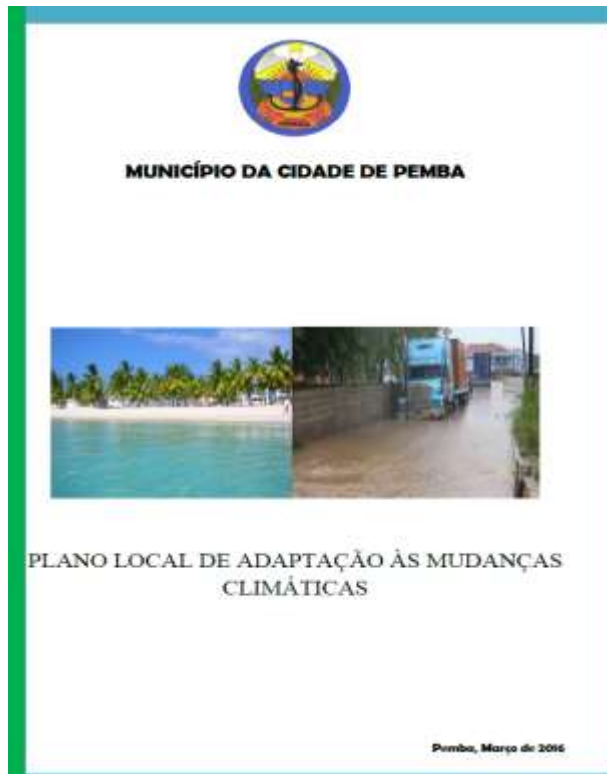
SMART AND RESILIENT HOUSING





5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION (cont..)

LOCAL ADAPTATION PLAN - PLA



Community driven to address:

- City challenges;
- Development vision;
- Priorities



5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION (cont..)

COMMUNICATION STRATEGY FOR BEHAVIOUR CHANGE



- Community awareness for adaptation measures for risk reduction.



5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION (cont..)

PLANT PRODUCTION AND FORESTATION PRODUCTION



PLANTING



MANGROOVES





5. LOCAL GOVERNMENT ACTIONS FOR RISK REDACTION (cont..)

DRAINAGE SYSTEMS





Thank You!

