Sustainable Tourism

Low Carbon City, A Case Study in Wakatobi

Ir. HUGUA
Regent/ Mayor of Wakatobi
WAKATOBI ISLANDS

WANGI WANGI

KALEDUPA

TOMIA

BINONGKO
WAKATOBI AT A GLANCE

- Stated as new district on December 2003 (UU No. 29 2003)
- Abbreviation from the four big islands: Wangi-Wangi, Kaledupa, Tomia dan Binongko
- Area 1.4 million ha (which is 97 % marine area, 3 % land)
- Has 142 islands (7 inhabited islands)
- Population 111,423 which has annual population growth 1.72 %
1. Center for Coral Triangle
4. The Golden Rote of the Yach Rally International
5. The only Way in / out of Marine route to eastern part of Indonesia
Three most diverse Ecological Complex on the World: one of which is Coral Triangle.
As the highest marine biodiversity area in the world

- 750 coral species, 942 species of fishes,
- Has 118,000 ha area of coral reef
- Kaledupa atoll (48 km) is the longest atoll in the world
Comparing 3 diving centers in the world:
- Caribbean: 50 species
- Red Sea: 300 species
- Wakatobi: 750 species

Number of coral species in the world: 850 species

Wakatobi is the most potential and incomparable diving destination

(Source: Operation Wallacea)
WAKATOBI JUST DECLARED AS NEW BIOSPHERE RESERVE BY UNESCO in MIB 24 Conference at HQ, Paris Juli 12, 2012
UNESCO mendeklarasikan Wakatobi sebagai Cagar Biosfer (12 July 2012), memiliki jaringan dengan 621 Cagar Biosfer lainnya yang tersebar pada 117 Negara.
Wakatobi is a Passage Route of Sail Indonesia
JALUR TRANSPORTASI LAUT TRADISIONAL
Leading sector are:
- Fisheries and Marine
- Tourism
FISHERY ASSET

- FISH:
  - Tuna, Pelagic, Groper, Lobster, and other ornamental Fish.

- Seaweed
- Mangrove
- Etc .......
CULTURAL HERITAGE AND ATRACTION

- KARIA
- SOMBO/HEPUNDA
- BANGKA MBULE-MBULE
- KABUENGA
- RITUAL DUATA
- SILAT
- LAREANGI DANCE
- SAJOMOANE DANCE
- BALUMPA DANCE
- HONARI MOSEGA DANCE
- POSEPA
- HEKANSA
- PERKAMPUNGAN SUKU BAJO
- LIYA TOGO FORT
- OLLO FORT
- PATUA FORT
- OLD MOSQUE OF LIYA TOGO
DIVERSITY OF CULTURE
ANCIENT CULTURAL HERITAGE

OLD MOSQUE OF LIYA TOGO

LIYA FORT

HAT OF KASAWARI – KINGHDOM SOLDIER

OLD KNIFE
The wakatobi Development Principal

1. As National Park Should make prosper it’s area than earning life from park prosperity
2. Environment balance is the based of policy making (sustainable)
3. Human being is the only creature who determines the future life of Wakatobi, Jakarta, Kualalumpur, or the earth = high culture value (Civilization)
SUSTAINABLE TOURISM FORMULA

SUSTAINABLE TOURISM = BALANCED ENVIRONMENT + HIGH LEVEL CULTURE VALUE

= Habit to Generate
Habit To Generate will create

Peaceful Civilization and balanced environment
THE ONLY REAL UNDERWATER PARADISE / HEAVEN AT THE HEART OF CORAL TRIANGLE
FRAMEWORK OF WAKATOBI SUSTAINABLE AND ENVISION DEVELOPMENT

LEADING SECTOR

- Marine & Fishery
- Tourism

GRAND STRATEGY

- Coastal Res Mgt
- Capacity building
- Integrated waste mgt
- Population mgt
- Enterprise & livelihood mgt
- Sustainability Finance mgt
- International Marine Research Center
- Integ. Infrastructure Dev.
- Integrated water mgt
- Integrated Biodiversity & Conservation

PLANNING & BUDGETING OF SECTORS

- INCOME PER CAPITA & REGIONAL
- SECURITY

HDI

GOVERNMENT, PARLEMENT, INVESTORS, COMMUNITIES

JICA, UNDP, CIDA, WORLD BANK, ADB, WWF/TNC, USAID, AUSAID, GTZ, NOAA, LEAD, NGO, UNIVERSITY, etc

VISION MISSION

MDGs
IMPLEMENTATION OF LOW CARBON CITY IN WAKATOBI Under DEGOLSEA Sheme
The Goal of LOW CARBON CITY in Wakatobi:

- The clarity of Wakatobi sea water and its ecosystem is sustained to support the Sustainable Development of Wakatobi.

- Wakatobi become a new Best Practice Site, which the best on Integrated Waste Management (Learning Center).
1. Promoting awareness and change of community’s attitude
2. Enhancing coordination and integration amongst stakeholder
3. Developing regulations and facilities of waste processing area (*Learning Center*)
There are 3 Main Activity

1. Integrated Waste Management
   - Voluntary work together (every Saturday)
   - Price haji/umrah (6 couple a year)
   - Learning center/waste processing

2. Tree and Coral re-planting
   - City and urban reforestation (1000 ha in city)
   - City Park construction
   - Coral rehabilitation

3. Empowering Tribal Leader (Tokoh Syara)
   - Local social tradition value
   - Key succes of community involvement
   - Information dissemination through traditional media, mosque, etc
## STAKEHOLDER INVOLVEMENT:
### Role and Function of Stakeholder

<table>
<thead>
<tr>
<th>No.</th>
<th>Institution</th>
<th>Main Function</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Regent dan Parlement</td>
<td>Making a Policy and Finance support</td>
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<tr>
<td>2.</td>
<td>Team works</td>
<td>Node of Multy stakeholder coordination, Monitoring dan Evaluation</td>
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<td>3.</td>
<td>Regional Planning Board</td>
<td>Secretariat of Team Work</td>
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<tr>
<td>4.</td>
<td>Office of Cleaning and Spatial</td>
<td>Socialization and infrastructure development, operational of waste management (land-based)</td>
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<tr>
<td>5.</td>
<td>Office for Environment</td>
<td>Socialization and infrastructure development, operational of waste management (sea-based)</td>
</tr>
<tr>
<td>Program</td>
<td>Activities</td>
<td></td>
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<td>------------------------------------------------------------------------</td>
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<tr>
<td>Promote awareness and Change of Community’s Attitude</td>
<td>• Increasing of awareness on waste at school level (canal spy, clean Saturday movement, garbage bank, and integration waste management into local content.)</td>
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<tr>
<td></td>
<td>• Promote awareness on waste management at community levels (socialization, clean Saturday movement, Friday prayer, publication via media, free of plastic waste movement, etc);</td>
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<td></td>
<td>• To stimulate community’s attitude change through Income Generation Activities (training on small industry waste material-based)</td>
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<td>Enhancing coordination and integration amongst Stakeholder</td>
<td>• Carry out meeting to improve coordination and evaluation of the program progress;</td>
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<td></td>
<td>• Formulate share recommendation for improvement and successful of programs.</td>
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<td></td>
<td>• Establishment of forum for partnership in waste management (Forum KOMPOS) at Village Level.</td>
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<td>Developing regulations and facilities of <em>Learning Center.</em></td>
<td>• Produce local regulation on waste management, Strategic Planning of integrated waste management, Village regulation on waste management;</td>
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<td></td>
<td>• Technical guideline of waste management;</td>
<td></td>
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<td></td>
<td>• Construction of infrastructure of waste management;</td>
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# ROLE AND FUNCTION OF STAKEHOLDER

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<td>6.</td>
<td>Office for education</td>
<td>To promote awareness on waste management at school level</td>
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<td>7.</td>
<td>Office for Health</td>
<td>Awareness and developing environmental sanitation facilities</td>
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<td>8.</td>
<td>Office for Public Work and Energy</td>
<td>Construction of Infrastructure of environmental health (Drainase, toilets, Control dumped and access road to learning center site.)</td>
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<td>9.</td>
<td>Office for Industry, cooperative and small business</td>
<td>Increasing of community income through utilization of waste materials (handy crafts, E.M and Grease trap)</td>
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<td>10.</td>
<td>Office for transport and Information</td>
<td>Publication via media about promote awareness on waste management e.g. socialization of waste management, etc.</td>
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<td>11.</td>
<td>Office for Agriculture/Forest</td>
<td>To promote community awareness through Training on Making and Usage of Compost and forest replanting at household level</td>
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<td>12.</td>
<td>Office for Tourism and Culture</td>
<td>To promote community awareness through develop Atraction</td>
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<tr>
<td>13.</td>
<td>Office for Marine and Fishery</td>
<td>To promote community awareness for the waste management and its impact to sea ecosystem to fishery and busines</td>
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<tr>
<td>14.</td>
<td>Sub-district</td>
<td>Organizing the village community through local organization such as: village staff, PKK, Dasa Wisma youth organization, tribal leader and religious leader in healthy waste management.</td>
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<td>15.</td>
<td>Media</td>
<td>Publication to encourage public awareness in mass coverage</td>
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<tr>
<td>16.</td>
<td>NGO/ Tribal Leader</td>
<td>Organizing the community to stimulate or motivate the participation and community awareness on the benefit of waste management to community.</td>
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indahnya kalau jernih begini lautnya kita ....

mari wujudkan lingkungan kita bebas sampah

Dinas Tata Ruang, Kebersihan, Pertamanan, Pemakaman dan Pemadam Kebakaran
The Key of Sustainable:

- Availability of yearly local Budget Program based not project based
- The involvement of multi stakeholder in equal partnership
  - The involvement of Tribal Leader (strong traditional value)
PYGMY SEAHORSE
Thank You