

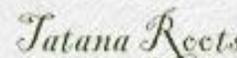
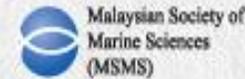
24 Malaysian Environmental NGOs

Greening the Grassroot



- Collaborate and provide services to the Government,
- Education and awareness raising on environmental concerns.
- Facilitate community mobilisation and participation around environmental issues.
- Empowering of ordinary citizens, including those from the grassroots
- Environmental debate and advocate for environmental policy and legislation.
- Promote the implementation of Agenda 21

MENGO members



Green Lifestyle Sustainable Development



Dr. Fred Weirowski Kelvin Diong Kuala Lumpur 10.06.2014

No Blue No Green No Water No Life

non governmental organization - non for profit

blue life ecoservices

ecotourism, eco-services & community developments



OUR MISSION

Community business partnerships for the improvement of livelihoods of coastal communities and entrepreneurship, particular alternative incomes for fisheries, improvement of energy and potable water supply, waste and waste water treatment and education.

Eco-services for the adaptation to climate change challenges in coastal areas (carbon smart villages and payment for eco-services) and the conservation of biodiversity and environment in marine, coastal and rural landscapes.

Eco-tourism to support actively sustainable tourism which meets the needs of present guests, and the host regions while protecting and enhancing social, environmental and economic opportunities for the future.



WWW.BLUELIFE.CO.ORG

OFFICE SABAH
134 JALAN GAYA 88000 KOTA KINABALU,
info@bluelifeeco.org

Blue Life is working in small villages, coastal areas and on islands in Asia and in Pacific.

What is Green Lifestyle ?

Sustainable living is a lifestyle that attempts to reduce individual or society use of the Earth's natural and personal resources

- "shifting to a renewable energy-based, reuse/recycle economy with a diversified transport system.-
- built environment is attractive to a local culture
- can be maintained
- and adapted as necessary over the generations.

Appreciating the Value of our Natural Resources







Oil Palm industry Malaysia
2nd largest producer in the world
41 listed plantation companies in Malaysia

total market capitalization of RM 71.7 billion
(2009)



Coral Reefs Malaysia

2009 TEEB Synthesis report

Annual benefits

\$129,200/ha

RM 162 billion/ha yr

An aerial, top-down view of a sustainable city. The city is built on a circular island of green space, surrounded by a blue sky with white clouds. The city features several modern, glass skyscrapers and a network of roads with roundabouts. The green spaces are lush with trees and grass, interspersed with the urban structures.

The USD 142 trillion Resource

Global
Natural
Resources
almost twice
the value of
[the world economy](#)
(\$71.8 trillion a year).

Climate Change

NATIONALLY APPROPRIATE MITIGATION ACTIONS (NAMAS)



LEDS

Low-Emission Development
Strategies



NAMA

Nationally Appropriate Mitigation
Actions



MRV

Rendering emission reductions
measurable, reportable and verifiable

Water

Waste

Renewable Energy

World Oceans Day

MANTANANI

08 JUN 2014

BEACH CLEAN UP

ECO-FILM SCREENING / EXHIBITION

WATER STATION OPENING CEREMONY

WATER PROJECT PRESENTATION

Organized by :



Supported by :



Malaysian
Environmental
NGOs

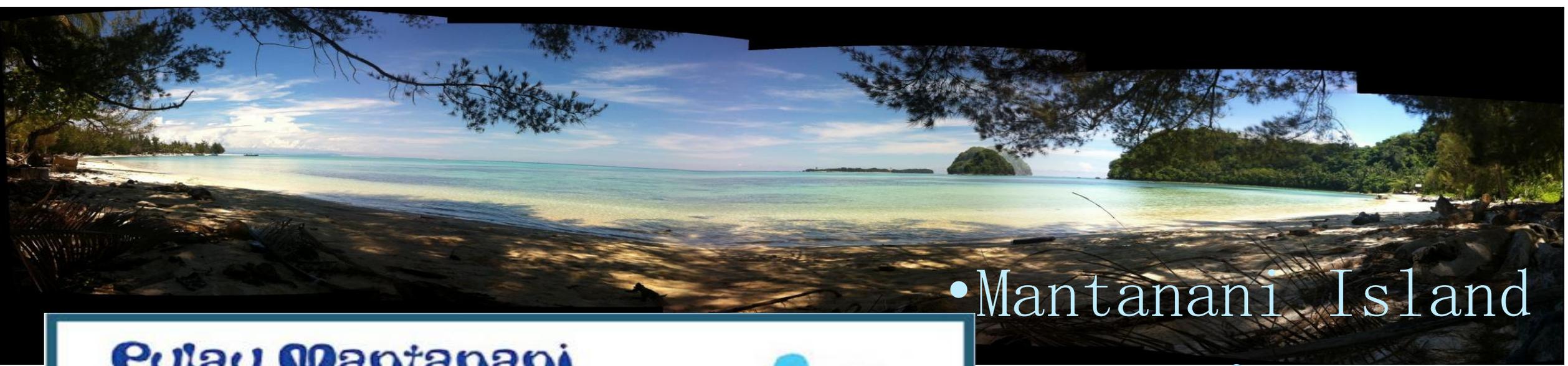


EcoKnights

INSPIRING SUSTAINABLE LIVING

Arkitrek



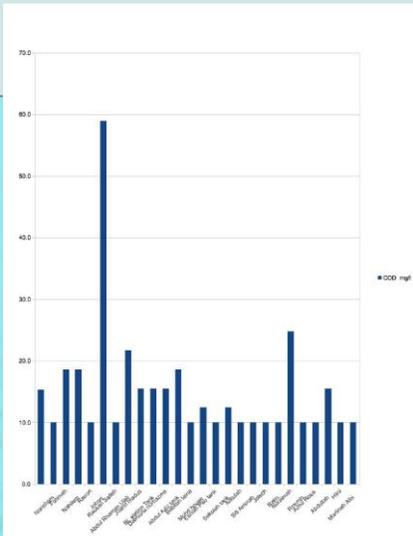


• Mantanani Island




Blue Life

- No safe drink water
 - Typhoid diseases
- Water filter system
- Supply safe water
 - to dispensers



H2O for Mantanani
 Delivering safe drinking water to the communities on Mantanani Island

Blue Life

ROTARY CLUB
LUYANG







STESSEN AIR WATER STATION

MEMBEKALKAN AIR MINUMAN YANG SELAMAT KEPADA
MASYARAKAT DI PULAU MANTANANI

DELIVERING SAFE DRINKING WATER TO THE COMMUNITIES ON MANTANANI ISLAND

PROJEK INI DISOKONG OLEH | THIS PROJECT SUPPORTED BY



Malaysian
Environmental
NGOs

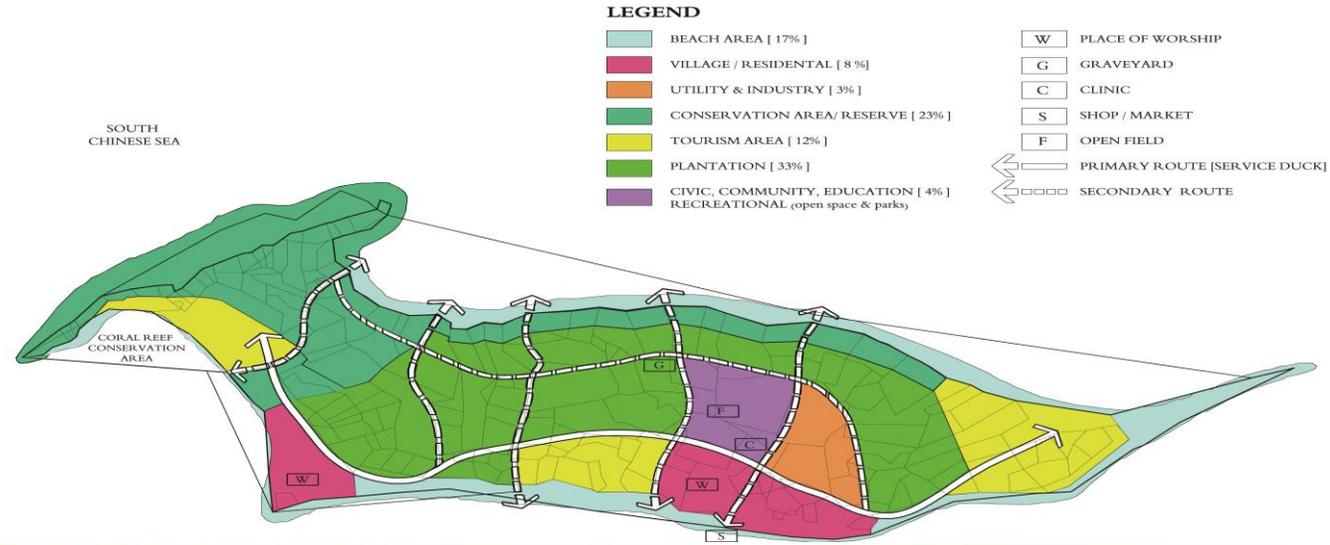


JEBSEN & JESSEN

- The Water Station



- Landscape planning and infrastructure
- Water catchment
- Homestay & Tourism Services
- Agriculture & processing
- Entrepreneurship & Jobs



SAVE OUR OCEAN

STARTING NOW!

NO MORE PLASTIC IN OUR WATERS

A PUBLIC PRIVATE PARTNERSHIP (PPP) INITIATIVE TO MOBILISE:

- Engagement of coastal communities
- Public awareness campaign
- Effective waste collection
- Turning waste to commodity
- A Recycling plant

Help us turn an abundance of waste into an abundance of opportunity

JOIN & ACTIVATE NOW

IN COLLABORATION WITH:

Just because you can't see it, it doesn't mean it isn't there



Sustainable Beach Clean up End Ocean Dumping Recycle Community Involvement

Waste

SWM at Source

Segregation

3R

Reuse

Reduce

Recycle

Organic Waste

Non-organic Waste

Compost

Animal feeding

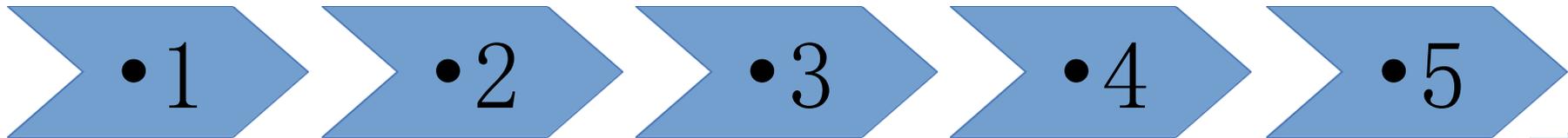
Plastic

Metal

Paper

Glass

Marine Litter -- Not clear regulated by Law



•Collection Value chain



•Public Private Civil Partnership

•PROJECT ORGANIZATION

NOW!

PPP Organization Structure

Ministry of Tourism and Environment Sabah

NOW! Board

Datuk Seri Panglima Masidi Manjun, Minister
Chair

Datuk Michael Emban, Permanent Secretary
Co-Chair

Datuk Yeo Boon Hai DBKK
Co-Chair

Marinah Embiricos GRC
Co-Chair

NOW! Operational Management Group

DBKK
Lizawanna Matin

Logistic

Technical Services

Public Sector

Ministry Tourism & Env.
Christopher Jintoni

Environmental Law

Tourism Industry

Impact Assessment

Public Sector

Environmental Action Center
Helen Erut

Education & Awareness

Events & Public Activities

Public /Civil Sector

Gaya Recycle Center
Marinah Embiricos

Production

Marketing

Finance

Private Sector

Blue Life ecoservices
Fred Weirowski

Communities

Marine Conservation

Coordination NGOs

Civil Sector

Green Clean Smart

.Green application of ecosystem based management systems in fisheries and if possible also in tourism and establish ecosystem thinking in all ongoing program activities.

.Clean improvement of solid waste management, particular floating plastic litter and beaches and sewage management as the major sources of coastal pollutions.

.Smart application of green technologies to achieve reduced carbon footprint as well as reduced cost for living and businesses. low carbon' technologies to 'low carbon' technologies



- Green Township
- Smart Partnership

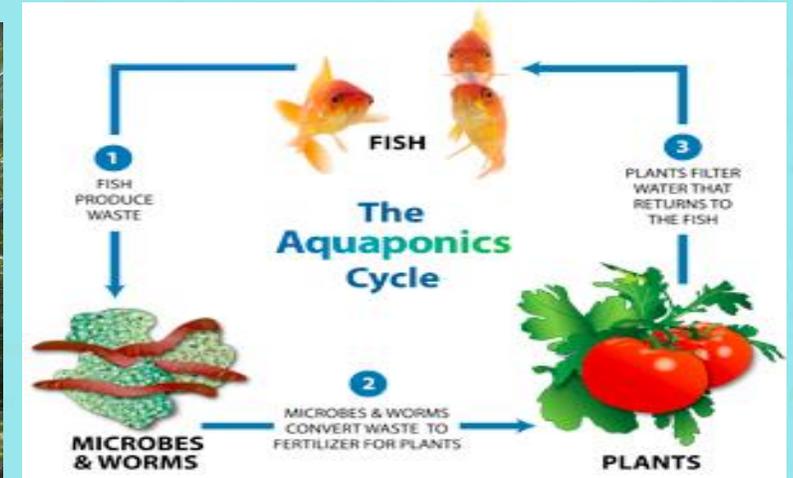
Smart



- 1. Awareness, education, advice and review of opportunities move to a ‘Smart Green Township green as a general lifestyle movement in the community element for livelihood and businesses.
- 2. Green technologies Gardening and aquaponic demonstration projects with low carbon profile e.g. multi-trophic greenhouses, aquaponic, biological grey-water treatment, composts
-
- 3. Carbon reducing actions in businesses and communities energy efficiency (e.g. fisher boats) ebikes etc.. solar pv



SMART Multi-trophic Solar Greenhouse



Vegetables for students, community and tourists
Restocking of marine species seedlings for conser
Fish production for sale
Jobs for locals, Joint venture

Rural Carbon Smart

.DEFINITION set of services and way to operate natural resources in rural areas, that enables a carbon reduction strategies

.GOAL: Using the Carbon offset potential of rural areas through well managed agriculture, decentralized energy production, waste and water management

.ACTIONS: Sustainable organic agriculture & aquaculture / house gardening / renewable energy for houses / reduce sewage and waste

Rural Smart Potential

Examples Carbon sequestered per ha and year

Blue Carbon



- .Coconut: 25 t Co₂e/ha y
- .Rubber: 20.7 t Co₂e /ha y t
- .OilPalm 60 t Co₂e/ha year (1)
- .Tropical Homegardens Mix of cultures, Legumes, Coconut, Pineapple Fruit trees 20- 50 t Co₂e /ha year and more
- .Coastal seagrass beds./ 83 t Co₂e/ha year
- .Salt Marsh land 210 t Co₂e/ha year
- .Mangrove 139 t Co₂e/ha ye

(1) tonne of palm oil pays for the conservation of 2,500 m² (1/4 hectare or nearly 2/3 acre) of biodiverse tropical forest for one year and for the emissions avoidance of 15 tonnes of CO₂e./ Oil palm producers are eligible to take part in [Clean Development Mechanism](#) (CDM) programs in which developed nations invest in clean energy projects in developing nations to earn carbon credits to offset their own greenhouse gas emissions and to reduce greenhouse gas emissions worldwide.[61]

•[Severino S. Magat Productive and Sustainable Coconut Farming Ecosystems as Potential](#)

•Carbon "Sinks"

•<http://www.dailymirror.lk/business/features/33900-potential-of-carbon-trading-from-rubber-plantations.html>

•<http://infinite-earth.com/products/carbon-offsets/>

•http://en.wikipedia.org/wiki/Social_and_environmental_impact_of_palm_oil



Building Sustainable Communities



Terima Kasih

