Eco-Tourism – An ideal vehicle for REDD+ strategies and initiatives
Beautiful Coral Reefs
Bountiful marine environments
THE PROTECTED FOREST AREA AT TANJUNG RINGGIT

© ESL – Ecoregion Tanjung Ringgit / Pemongkong
Illegal logging and uncontrolled buffalo grazing
PROTECTED FOREST AREA AT TANJUNG RINGGIT

Large scale slash and burn
AIMING FOR SOUTH-EAST ASIA’S LARGEST ECO-REGION

The goal is to make Asia’s new “GREEN DESTINATION”, governed by a special set of sustainable planning rules.

All planning is to be made by a cooperation between local governments, local people and a world leading team of international experts.

Cooperation is the key word!

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Creating South-East Asia’s Largest Green Tourism Eco-Region
A New Green Economic Zone (Green KEK)

A new green economic zone (Green KEK) is being created that combines Swedish standards of sustainable legislation with Indonesian regulations and provides 99-year tenure.

Transparent participatory sustainable planning process

New standard for eco-tourism driven Forestry Management and Regional Development
ECOTOURISM AS THE MOTOR OF SUSTAINABLE REGIONAL DEVELOPMENT

The development at Tanjung Ringgit acts as a motor for the local economy and a customer and partner for the local people and businesses.

350 page Master Plan encompassing all aspects of sustainable development

Development:
10 Eco-Villages
US $800+ million

Conceptual master plan
Some of ESL’s World Leading Experts

**Joachim Eble Arkitektur** – World's leading expert in integrated sustainable architecture. [www.eble-architektur.de](http://www.eble-architektur.de)

**John Thompson & Partners** – World leading Community Planning Company and British winner of the sustainable building awards 2010 and 2012. [www.jtp.co.uk](http://www.jtp.co.uk)

**Atelier Dresieitl** – Leading European and Asian experts in water management. Designers of Singapore’s sustainable water systems. [www.dreiseitl.com](http://www.dreiseitl.com)

**Areal** – World leading experts in “Terra Preta” technology that turns all bio-waste into soil within a matter of weeks. [www.areal-gmbh.de](http://www.areal-gmbh.de)

**Energy Design Asia** – Leading Asian energy consultants. [www.energydesign-asia.com](http://www.energydesign-asia.com)

**Seed Savers** – Jude and Michel Fanton Australian pioneers in seed saving and local community development. [www.seed savers.net](http://www.seed savers.net)

**John Higson** – Award winning social entrepreneur and local food systems expert. [www.peopleowned.org](http://www.peopleowned.org)

**Alam Santi** – Leading Indonesian permaculture and community development experts. [www.alamsantisesign.com](http://www.alamsantisesign.com)

**Varis Bokalders** – Leading Swedish eco-build expert and author of the “Whole Building Hand-book”, a world’s leading guides to Eco-building.

**Little Tree** – One of Indonesia’s leading eco-build groups, with 28 affiliates. [www.littletreebali.com](http://www.littletreebali.com)
**TERRA PRETA** – creating black soil from waste

World unique technology from Germany that turns all bio-waste to top quality organic, black soil & energy in just five weeks! This soil double crop yields and is the first of its kind in Asia.
Sustainable Water Strategies

• Advanced rainwater capture and storage
• Manage stormwater
• Waste water gardens
• Recycle water
• Solar desalination plant
COMMUNITY PLANNING
Creating win-wins with local communities
ESL will create a sustainable education centres that trains locals to farm organically, work with NTFP’s and sustainable Forestry. Direct sales to tourist resorts.
BUFFALO AND COW FARMING – A MEAT COMPANY

- Europe’s top meat experts
- Parasite control
- Protein rich legumes (Tagasaste)
- Carbon sequestering plant
- Cold storage (hung beef)
- Added value
- Mozzarella
ADDED VALUE ORGANIC CHOCOLATE & COFFEE Co:S

**Partners:**
- ESL
- Swedish Chocolate & Coffee Companies
- European/EU Funding

**Plans:**
Cocoa & Coffee cooperatives on Mount Rinjani are currently being priced squeezed by selling only to one wholesaler. Creation of a small-scale chocolate factory and coffee roastery together with local villagers. With sales connections to local markets and Europe (as a CSR project).
WHAT HAPPENS WHEN FISH STOCKS COLLAPSE?
FISHERIES AND MARINE HABITAT

Cold storage for fishing communities – giving higher income to the community.
SEA BASED OPPORTUNITIES

Seafood, kiting, surfing, stand up paddling, kayaking, wind surfing, sailing, water skiing, rowing, diving, sunbathing, swimming ...

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Pictures of Tanjung Ringgit by Peter Honey
UNDERWATER SCULPTURE MUSEUM

Potential partners:
• ESL
• Art Company
• Swedish Government
• Western Sponsors

Indonesia has a fantastic history of stone sculpture. ESL wishes to create a competition to invite artists to create an underwater gallery at Tanjung Ringgit.
Aquaponics
Growing Fish and Plants Together
Barrel-Ponics Examples

Invented by Travis Hughey of Faith and Sustainable Technologies (FAST)
Uses readily available, cheap 55 gallon barrels
Kenya

- A pedal powered aquaponics system fed with home made soldier fly pelleted fish feed
- This demonstration system built in Mombasa took just 4 days and $70 to build.
- Water is circulated by a foot pump three times a day.
- All tanks are recycled containers and the growing media is used coral from the nearby disused quarry mixed with volcanic ash rock.
- This system would provide a large family with supplementary protein and vegetables each week.
Raft Method

- Method researched and developed at University of Virgin Islands
- Research and commercialized by Nelson and Pade, Montello, WI
GREEN TOURISM DRIVEN ECO-REGION DEVELOPMENT

• Green legislation over large geographical areas
• Long period of tenure
• Win, win, win, win, scenarios and multipartner cooperation
• New technologies
• Sustainable business development with local communities with fast wins.
• Integrated platform with multiple REDD+ wins
• All driven by Eco-Tourism Development