



Sustainable  
Island  
Development  
Initiatives

# SIDI Brief Profile & Progress of Maratua Group

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# About SIDI

# Why SIDI?

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- ▶ Plenty of islands ... 17.500 islands, most are small in size
- ▶ Plenty of potentials:
  - ▶ Tourism
  - ▶ Agriculture
  - ▶ Fishery
- ▶ Plenty of challenges:
  - ▶ Environment
  - ▶ Poverty
  - ▶ Fresh water
  - ▶ Energy
  - ▶ Healthcare
  - ▶ Education



# Objectives

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- ▶ To develop concepts of sustainable developments of small islands → wealth, environment, human
- ▶ To help implement them

Through:

- ▶ Research
- ▶ Activities/ empowerment programs, involving inhabitants, students, companies, local authorities and universities.



# Two Small Islands (1)

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## ▶ Maratua

- ▶ Berau, East Kalimantan
- ▶ 3500 inhabitants
- ▶ At country border: Malaysia, Philippines
- ▶ Potential: marine tourism
- ▶ Challenges: water, energy, healthcare, education, transport, ...

# Two Small Islands (2)

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## ▶ Poteran

- ▶ Sumenep, East Java
- ▶ One of 48 inhabited islands from 126 scattered islands in Sumenep
- ▶ About 150 km east of Surabaya
- ▶ Potential: organic agriculture of medicinal herbs
- ▶ Challenges: pollution, dense population, transportation, ...

# SIDI Milestones

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## ▶ 10 Nov 2012

- ▶ MoU: ITS – Ministry of Marine Affairs & Fisheries
- ▶ MoU: ITS – Berau Regency
- ▶ MoU: ITS – Hochschule Wismar

## ▶ 2012

- ▶ Berau Regency has invited ITS and Hochschule Wismar to visit Maratua
- ▶ Potential industry partners approached

## ▶ 7 – 9 January 2013

- ▶ Joint fact finding mission of ITS and Hochschule Wismar



# SIDI Milestones

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## ▶ 13 – 18 November

### ▶ SIDI Week 2013

- ▶ Kick-off meeting ITS-Wismar-Industry-Government
- ▶ Promote Student Research and Development Teams (SR&DT) to ITS students
- ▶ Site visit to Maratua and Poteran

## ▶ 6 January 2014

- ▶ Meeting with P. Andi Rusandi, KKP in Jakarta: Acquire commitment

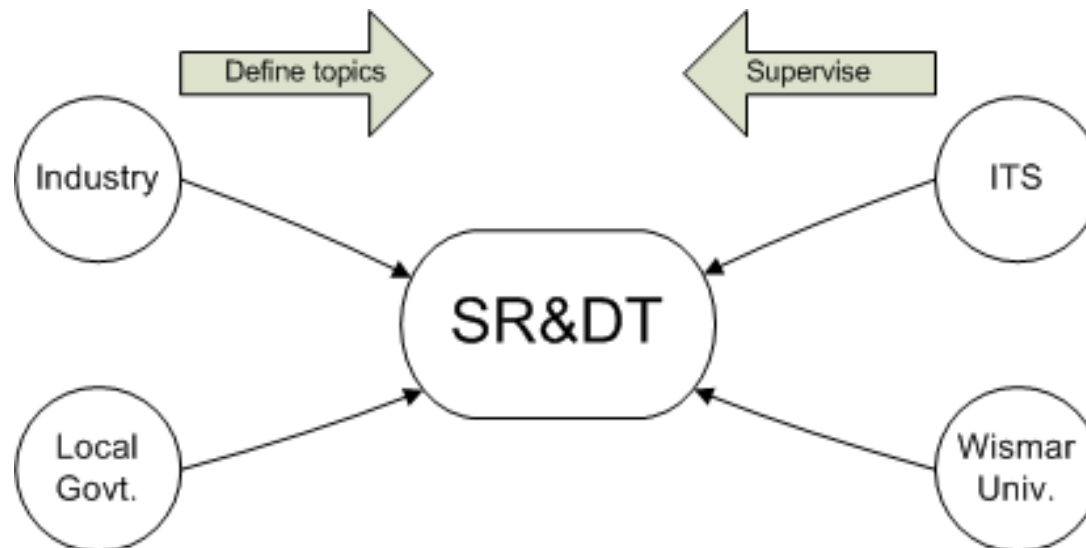




# Student Research and Development Teams (SR&DT)

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- ▶ Research cooperation program, supported by DAAD
- ▶ ITS students → multi disciplines, 5 students each group
- ▶ Training provided to students: leadership, teamwork, entrepreneurship, etc.





# Maratua Progress

# SIDI Week 2013 Kick-off Meeting Results

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- ▶ Agreed development vision → "Future Marine Tourism"
- ▶ People is the key:
  - ▶ What do people want?
  - ▶ What do people need?
  - ▶ What role could they play?



# SIDI Week 2013 Site Visit Results

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- ▶ Development concept:  
    "Sustainable Nature-Beauty-Based Tourism"
- ▶ Not a mass tourism, nor culture-based tourism.



# SIDI Week 2013 Conclusion

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- ▶ **Need some research:**
  - ▶ How marine tourism should look like in the future?
  - ▶ How to address specific today's & future's technical core challenges?
  - ▶ Explore the usage of (including non-conventional) tools to support overcome challenges of Maratua.
- ▶ **Need some activities to empower the community.**



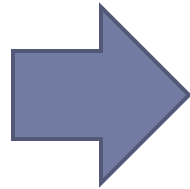


# Challanges

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## TODAY

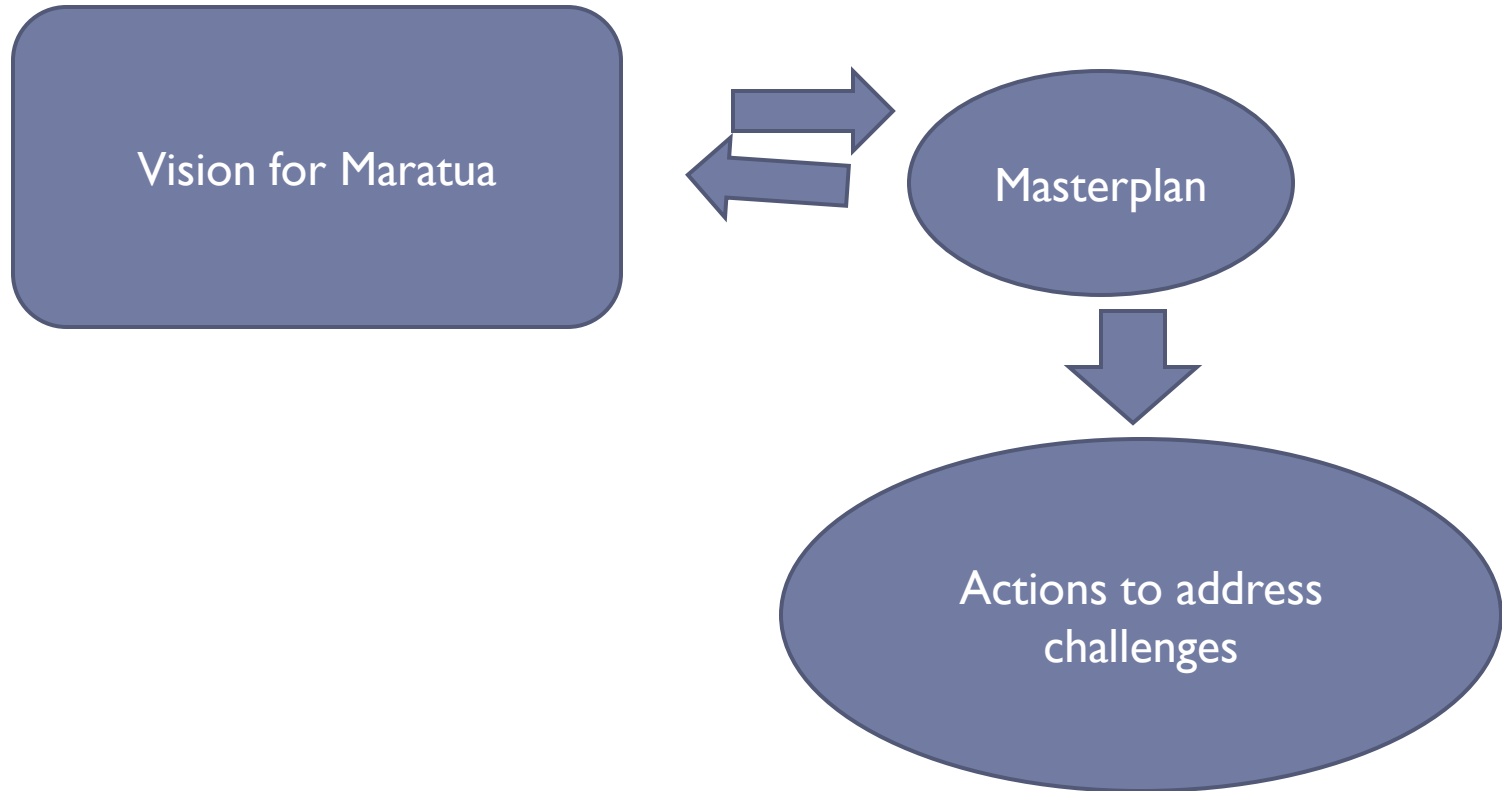
- ▶ Water
- ▶ Energy
- ▶ Housing
- ▶ Hotel
- ▶ Transport service
  - ▶ Vehicles
  - ▶ Seaports
- ▶ People
  - ▶ Education
  - ▶ Health
  - ▶ Economy



## FUTURE

- ▶ Water
- ▶ Energy
- ▶ Waste
- ▶ Housing
- ▶ Hotel
- ▶ Transport service
  - ▶ Vehicles
  - ▶ Seaports
  - ▶ Airports
- ▶ People
  - ▶ Education
  - ▶ Health
  - ▶ Economy







# What's Next (1)

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- ▶ **Workshop in Berau: 5/3/2014**
  - ▶ With Regent of Berau, KKP & partners
  - ▶ Objectives:
    - ▶ To raise awareness
    - ▶ To arrange action plans
    - ▶ To establish contract agreement (MoA issuance)
  - ▶ To be supported by KKP



# What's Next (2)

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- ▶ **Maratua site visit: 6-7/3/2014**
  - ▶ Site visit:
    - ▶ Teluk Alulu Village
    - ▶ Teluk Harapan Village
    - ▶ Payung-payung Village
    - ▶ Bohe Silian Village
    - ▶ Kakaban
    - ▶ Nunukan / Bakungan
    - ▶ Karang Gosongan / Balembangan
  - ▶ Meeting with local authorities, people & biz



A tropical beach scene with several tall palm trees in the foreground and middle ground. The ground is sandy and light-colored. In the background, there is a large area covered with a green net, possibly a sports field or a protected area. The sky is blue with some clouds. The overall atmosphere is peaceful and scenic.

Thank You