Example: Building with Nature in Central Java

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https://www.youtube.com/watch?v=Fk8TZdXAyJk

Step I. Our pilot shows that it works!

Step II. Reaching scale

Step III. Large-scale application
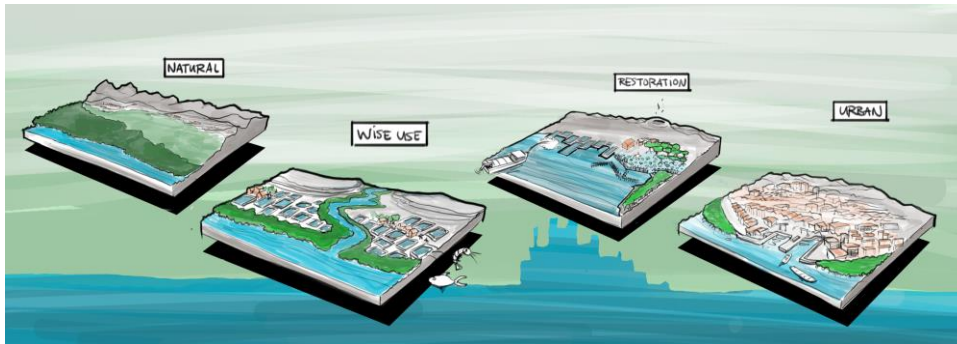
Soft solutions   **Hybrid solutions**   **Hard solutions**

more space, no dike   *less space, dike*

flexible and cost-effective   *less flexible, extra investment*

A mangrove-based economy
Generating direct cash flows

Aquaculture products

Timber & fuel wood

Fisheries

Seaweed

Tourism

A mangrove-based economy
Generating socio-economic benefits

Coastal protection

Carbon sequestration

Biodiversity

Water purification

A business case for local entrepreneurs through sustainable shrimp?

1. Shrimp certification demands sustainable land use and mangrove restoration

2. Premium paid for ASC shrimps

3. Use premium to pay for rehabilitation measures

4. 4,4 million euro investment generates a yield with a NPV of €20 million euro!

Challenges: need for upfront investment in a risky environment; connect to global markets; organise small-holders and engage them in local development planning

A Societal business case?

1. Government tax income used to restore the land

2. co-management arrangements with local stakeholders ensures plans translate to practice

3. Major obligations met:
- Sustainable Development;
- Mitigation, adaptation and Risk Reduction
- Biodiversity conservation

4. Substantial income from increased production yields tax revenues

Challenges: streamlining institutional arrangements, improving local capacities, securing land-ownership

Questions to the group

- Can investment in landscape restoration be attracted through the supply chain?
- What is needed to attract upfront investment in high-risk, low income environments?
- How to ensure large multi-billion infrastructure budgets have a rural reach?
- What does a convincing value proposition look like beyond sketching costs, benefits and risks?

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Thank you!

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