

# Methods integration and interlinkage

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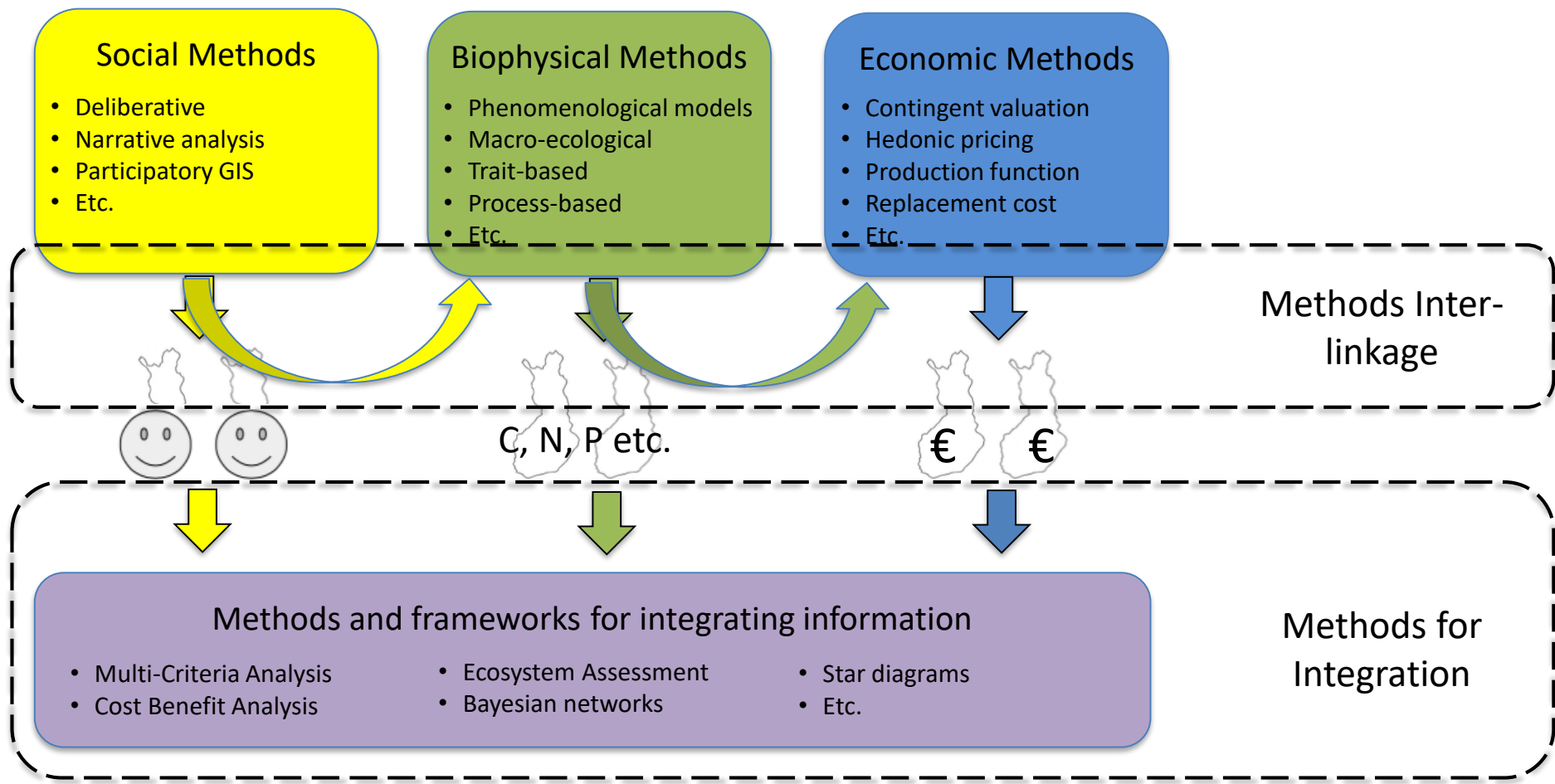
EU Horizon 2020 Coordination and support action



# Outline

- Interlinking methods
- Methods for integration
- Examples:
  - Interlinking methods (Tier 1)
  - Methods for integration (Tier 2)
  - Interlinking and integration (Tier 3)
- Developing guidance on multi-tiered flexible methodology

# Methods interlinkage and Methods for integration



**Policy question: What are the most important coastal habitats for fisheries?**

**Biophysical Method:**

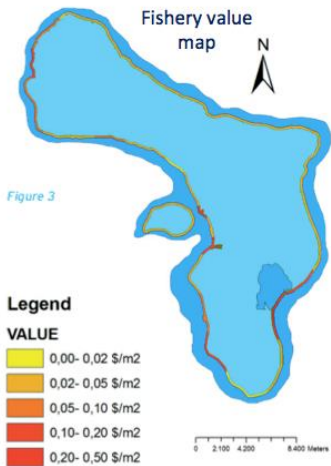
- Habitat mapping
- Statistical model

**Economic Method:**

- Market price of fish harvest
- Choice experiment to value recreational fish catch

**Linkage:**

- Maximum sustainable yield



**Policy question: Which development path should Bonaire take?**

**Social Methods**

- Stakeholder scenario mapping



- Development visions



**Biophysical Methods**

- Phenomenological models



- Sedimentation
- Land cover



**Economic Methods**

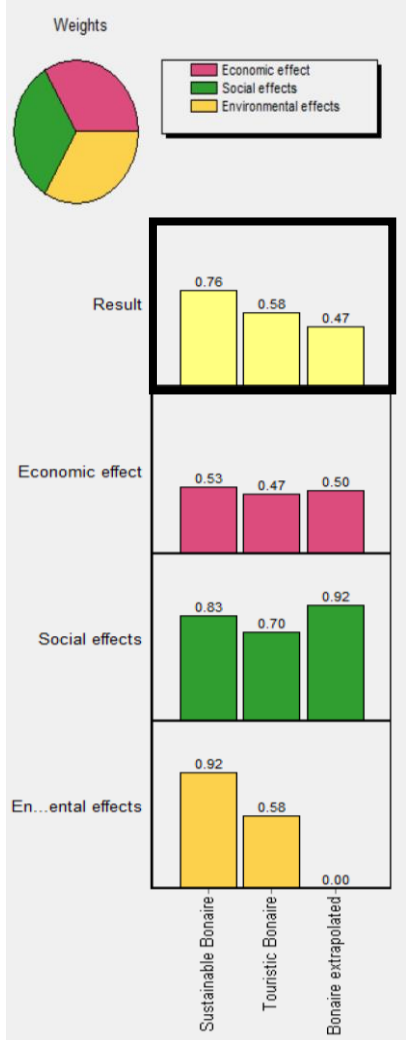
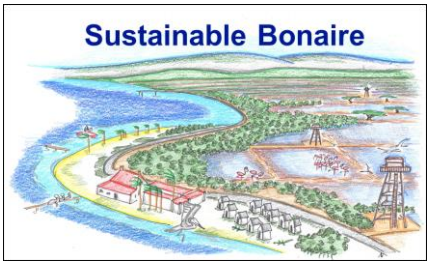
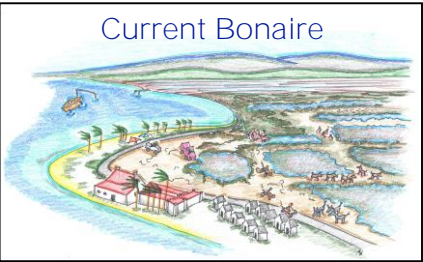
- Input-Output model



- GDP
- Employment



**Integration Method: Multi-Criteria Analysis (MCA)**



**Policy question:** Should Bonaire invest in new waste water treatment?

**Biophysical Methods:**

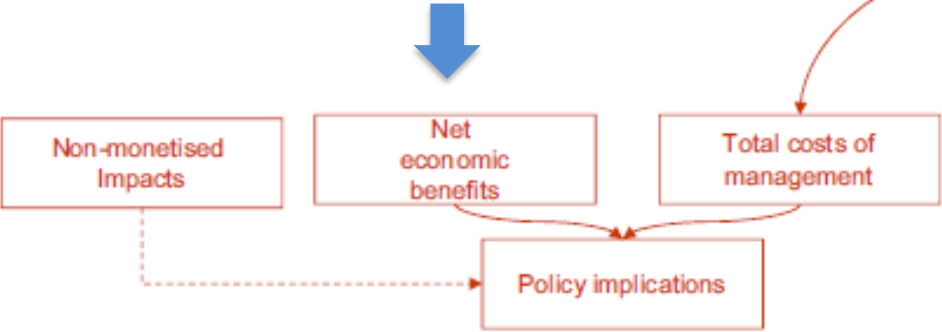
- Process based models

**Economic Methods**

- Choice experiments
- Market prices

**Social Methods:**

- Stakeholder workshops
- Focus group discussions



**Integration Method: Cost-Benefit Analysis**

# Guidance on multi-tiered flexible methods

- Descriptions of methods for integration
- Example applications
- Guidance:
  - Policy driven research design
  - Iterative process of study design
  - Multi-disciplinary teams
  - Avoid common pitfalls
  - Match scales and units across methods
  - Consistency across tiers

