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Natural Capital

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Content

• Valuation (ESV) for sustainable economy
• Aichi Targets & The Message of Guadeloupe
• Cases
Sustainable economy

Who:
- Civil society
- Private sector
- Government
- Nature managers

How:
- Decision support
- TEEB studies
- Sustainable financing
- Business transformation
- Communication
Aichi targets

- The valuing of ecosystem services is **anchored** under **Aichi Targets 1, 2 and 19**

- The instrument of ESV **supports Aichi Targets 3 and 4** (mainstreaming biodiversity across governments and society)

- ESV **generates insight for Aichi Targets 14, 15 and 16** (create understanding of socio-economic benefits)

- ESV **builds evidence-based argument for Aichi Target 20** (sustainable Financing)
Message from Guadeloupe
‘Develop green & blue economy’

• Develop nature-based solutions and ecosystem services approaches (e.g. assessment, valuation, and certification) as tools supporting public policies, e.g. for awareness, decision support;

• Develop **sustainable financing mechanisms** and incentives such as payment for ecosystem services, while favouring the convergence of methods;

• Support **marine spatial planning**, monitoring and surveillance in the ORs, OCTs and neighbouring countries.
Aichi 1: Awareness of the value

British Virgin Islands

Do you plan to return? ... if 50% more crowded? ... if beaches disappeared?

Bonaire

Current situation More crowded island Degraded marine environment

Raising awareness of important contribution of nature to local economies

- Yes
- Maybe
- No
Aichi 2: Poverty alleviation

Demonstrate that investing in nature is structural investing in poverty alleviation

Secured 7.5 M Euro for nature conservation in the Caribbean Netherlands

Nature Conservation → Poverty alleviation

€ 7,5 million!

Tourism → Local

Fisheries / subsistence

Agriculture

Employment → Poverty alleviation

Income

Food

Health
Aichi 3: Positive incentives for conservation

Potential contribution to lionfish management from tourists on the Cayman Islands varies between US$ 8-26 million/year (i.e. $3-$12 per visitor/day).

Awareness can create positive incentives for conservation.
70% of the private sector on Bonaire is dependent on healthy coral reefs.

90% of the tourist industry in Anguilla is heavily dependent on healthy ecosystems.

The industry on Anguilla cite high capital costs and lack of government incentives as main constraints for green investments.
Aichi 14: Benefit sharing

Support MPA expansion by local community

<table>
<thead>
<tr>
<th>Location</th>
<th>Agree</th>
<th>Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Cayman</td>
<td></td>
<td></td>
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<tr>
<td>Cayman Brac</td>
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<tr>
<td>Grand Cayman</td>
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Mean WTP by local households is 18 Euro per month
Aichi 15: Carbon sequestration value

Net financial benefits ASC certified shrimp farming

Scenario 1 - Without ASC certification
Scenario 2 - With ASC certification
Scenario 3 - With ASC certification and carbon credits
Aichi 15: Carbon sequestration value

Stakeholder net benefits (NPV over 10-year timeframe)

- Scenario 1 - No ASC Certification
- Scenario 2 - ASC Certification
- Scenario 3 - ASC Certification and VCU

Insight in who benefits from investments in carbon sequestration

- Shrimp farmers
- Local community
- Indonesian government
Aichi 19: Consequences of Biodiversity loss

Biodiversity loss causes loss of net economic benefits

- Net benefits - No growth
- Net benefits - Moderate growth
- Net Benefits - Rapid growth
## Message from Guadeloupe: Awareness by valuation

<table>
<thead>
<tr>
<th>(in million US$)</th>
<th>Anguilla</th>
<th>BVI</th>
<th>Bonaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total tourism expenditures</td>
<td>$212.4</td>
<td>$1,129</td>
<td>$125.6</td>
</tr>
<tr>
<td>Added value related to ecosystems</td>
<td>$37.8 (72%)</td>
<td>$172.5 (61%)</td>
<td>$23.4 (74%)</td>
</tr>
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*Raise awareness of **Natural Capital** contribution to the tourism industry*
Message from Guadeloupe: Sustainable financing Turks & Caicos Islands

Feasible sustainable financing is island context depended

1. Ecosystem Threats
2. Ecosystem Services
3. Beneficiaries
4. Finance Streams
5. Influential institutions/Decision Makers
6. PA Management
7. Funds Flow
8. Obstacles
9. Solutions
10. Next Steps

$ = Obstacle
√ = Solution
Message from Guadeloupe: spatial analysis

Spatial analysis of the value of Natural Capital raises awareness
Sustainable economy

Economy

Environment

Society

Profitable

Sustainable

Equitable

Viable

Governance
Where are you?

current economy  green growth  sustainable economy

Zero waste policy
Expand MPAs
Renewable energy
Sustainable agriculture

Where are you?
Sustainable economic scenario’s & monitoring

**Economy**
- Gross Domestic Product
- Change in income
- ...

**Nature & Environment**
- Natural Capital
- Coral Cover
- Usage Reef
- Developed land surface
- ...

**Social**
- Increase in jobs
- Income distribution
- ...

**Governance**
- Registered voter turnout
- Civil engagement
- Confidence in governmental institutions

Integrated model including natural, social & economic capital