



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



SUSTAINABLE DEVELOPMENT GOAL 9
INDUSTRY, INNOVATION AND INFRASTRUCTURE

Training Session on Economic Valuation

Session 1 Subsession 3: „Integrating EV into the TDA/SAP Process“



Training on the systematic integration of economic valuation
of "wet" ecosystem services into the TDA/SAP process





The TDA-SAP methodology manual

- Supports the TDA & SAP development/process
- Is currently being revised
- It will include clear linkages to the economic valuation of ecosystem services

Here:

- Provide a brief introduction to the TDA-SAP process
- Sketch out where economic valuation is of use





Background to GEF TDA/SAP

- GEF International Waters project have been using TDA/SAP as means of regional analysis and developing actions to address problems for 20+ years.
- LME 5 module approach complementary to TDA/SAP.
- Approximately 40 -50 TDAs and 30 SAPs developed.
- > 10 SAPs are in the process of being implemented.





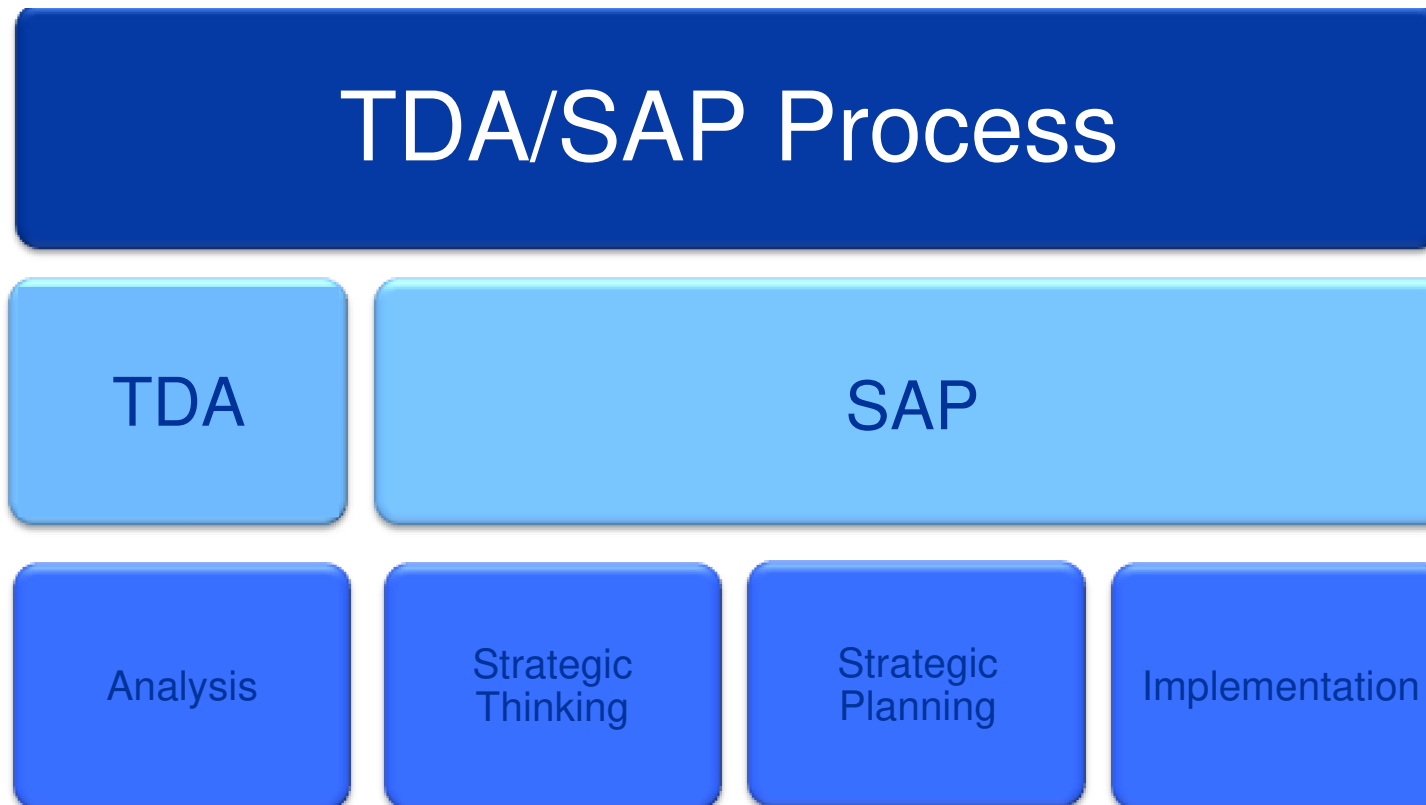
What is a TDA/SAP

- **Transboundary Diagnostic Analysis (TDA)**
 - The main technical role of a TDA is to identify, quantify, and set priorities for environmental problems that are transboundary in nature.
- **Strategic Action Programme (SAP)**
 - The SAP is a negotiated policy document that should be endorsed at the highest level. It establishes clear priorities for action to resolve the priority problems identified in the TDA.





The TDA/SAP process





The TDA

- The analytical component comprising of a technical analysis of transboundary problems, impacts and causes.
 - Identify & prioritise the transboundary problems.
 - Gather and interpret information on the environmental impacts and socio-economic consequences of each problem.
 - Analyse the immediate, underlying, and root causes for each problem.

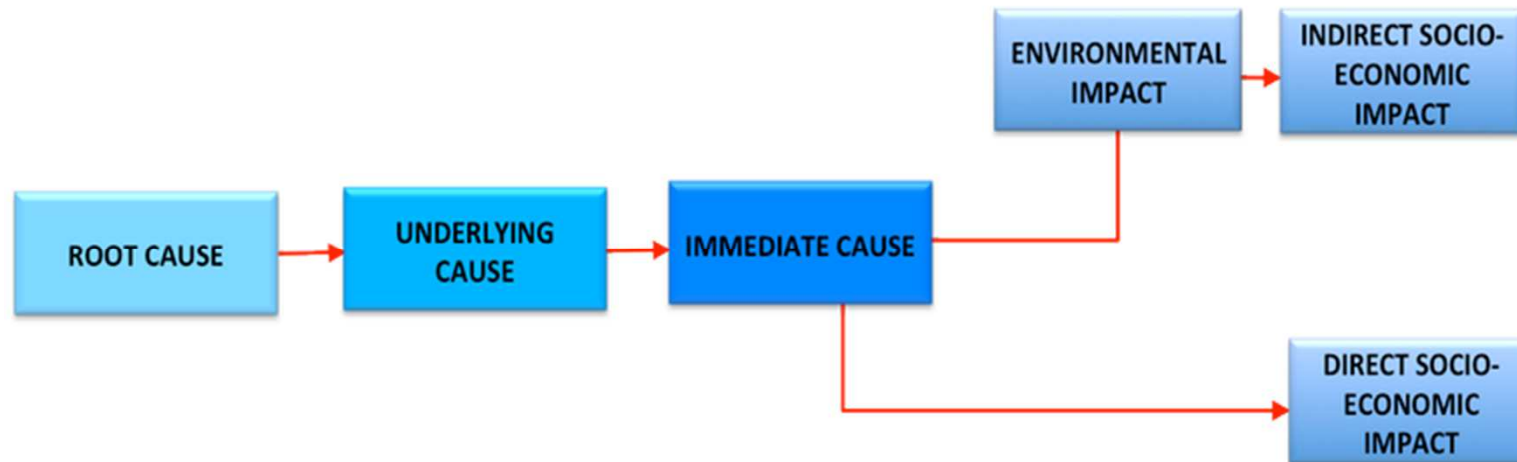


Source: Dominique Cappronier, 2008¹



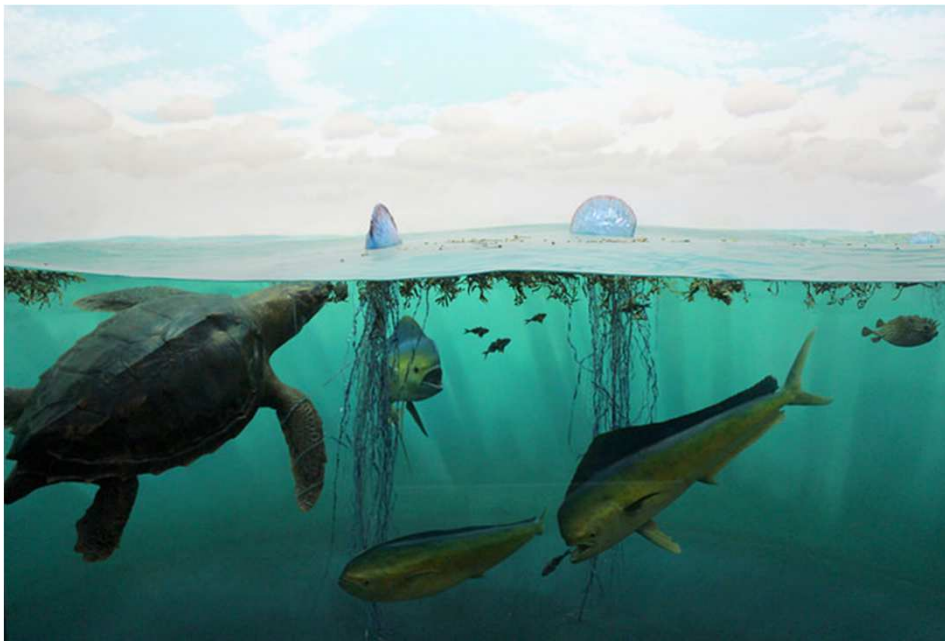


Causal Chain analysis





Where Economic Valuation assists the TDA process



Source: Wally Gobetz, 2017²

- Assisting with data/information collection and analysis.
- Assisting with the determination of environmental and socio-economic impacts from transboundary problems.
- Assisting with the valuation of transboundary ecosystems and services.

Contributes to the conclusions of the TDA by better understanding of ES and recommendations for proceeding with the SAP.





The SAP

- The strategic component comprising of strategic thinking, planning and implementation.



Source: IAEA Imagebank, 2013³





SAP has 3 key steps:

- **Strategic Thinking:** The collaborative development of the key components of the SAP - Vision, Goals Opportunities for Innovation, Options and Alternatives.
- **Strategic Planning:** National and regional consultation processes; setting strategies for implementation; action planning; developing the draft action plan.
- **Implementation:** Endorsing the SAP; key implementation steps.





SAP strategic elements

- Strategic Thinking:
 - Defining a 'vision'
 - Setting goals to achieve the vision
 - Developing innovative ideas and opportunities to meet the goals
 - Prioritising alternatives
- Strategic Planning:
 - National and regional consultation processes
 - Setting strategies for implementation
 - Setting actions, timescales, priorities and indicators
 - Drafting the SAP
 - Steps towards SAP implementation





Where Economic Valuation assists with the SAP

- Identifying options and alternatives.
- Identifying benefits to different social groups/stakeholders.
- Identifying where benefits are accrued (national, regional).

Contributes to the final recommended short, medium and long-term management actions within SAP to address the transboundary problems identified in the TDA.



Source: Magnus Franklin, 2008⁴





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The SAP

The SAP is a negotiated policy document that should be endorsed at the highest level of all relevant sectors

After approval – SAP implementation!





Questions?

Discussion:

- If involved in a TDA/SAP process: was/is an economic valuation of ES of any kind prepared?
- If yes, of what kind? Was it useful?
- If not, do you see possible advantages of having done/doing one?

In the evaluation form: questions relating to your interest in performing an EV and using the guidance prepared





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Thank you!

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