



Bu proje Avrupa Birliđi ve Trkiye Cumhuriyeti tarafından finanse edilmektedir.
This project is co-financed by the European Union and the Republic of Turkey

Trkiye'de Deniz Stratejisi ereve Direktifi Kapsamında Kapasite Geliřtirme Projesi
Capacity Building Project on Marine Strategy Framework Directive in Turkey

Training on Fundamental Concepts and Processes of the Marine Strategy Framework Directive Antalya, 7-11 November 2016

Requirements regarding socio-economic analyses (Art, 8.1c)

Daiva Semėnienė,
Key Expert 3



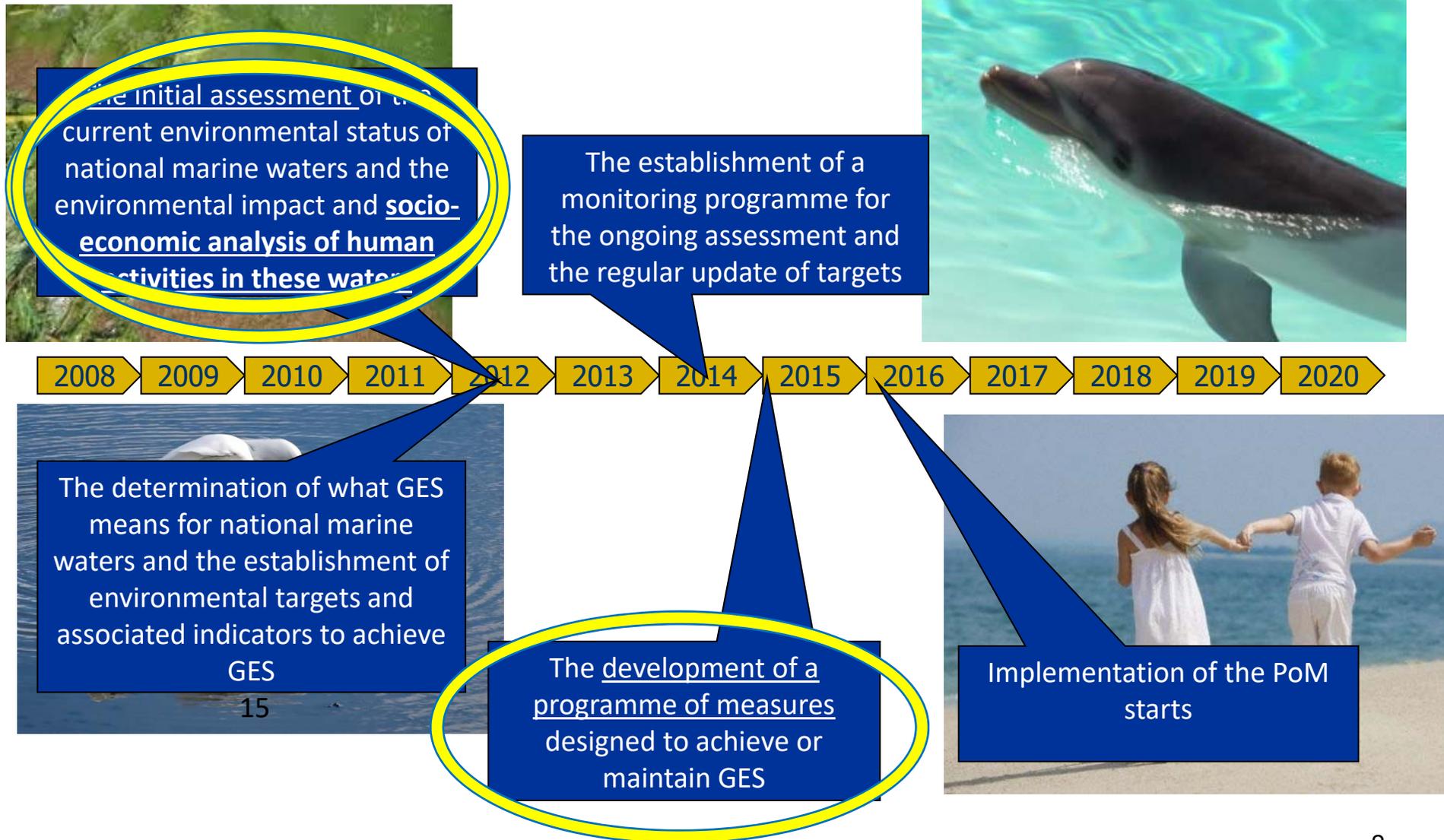
Denizlerimizin geleceđi bizim ellerimizde *The future of the seas is in our hands*



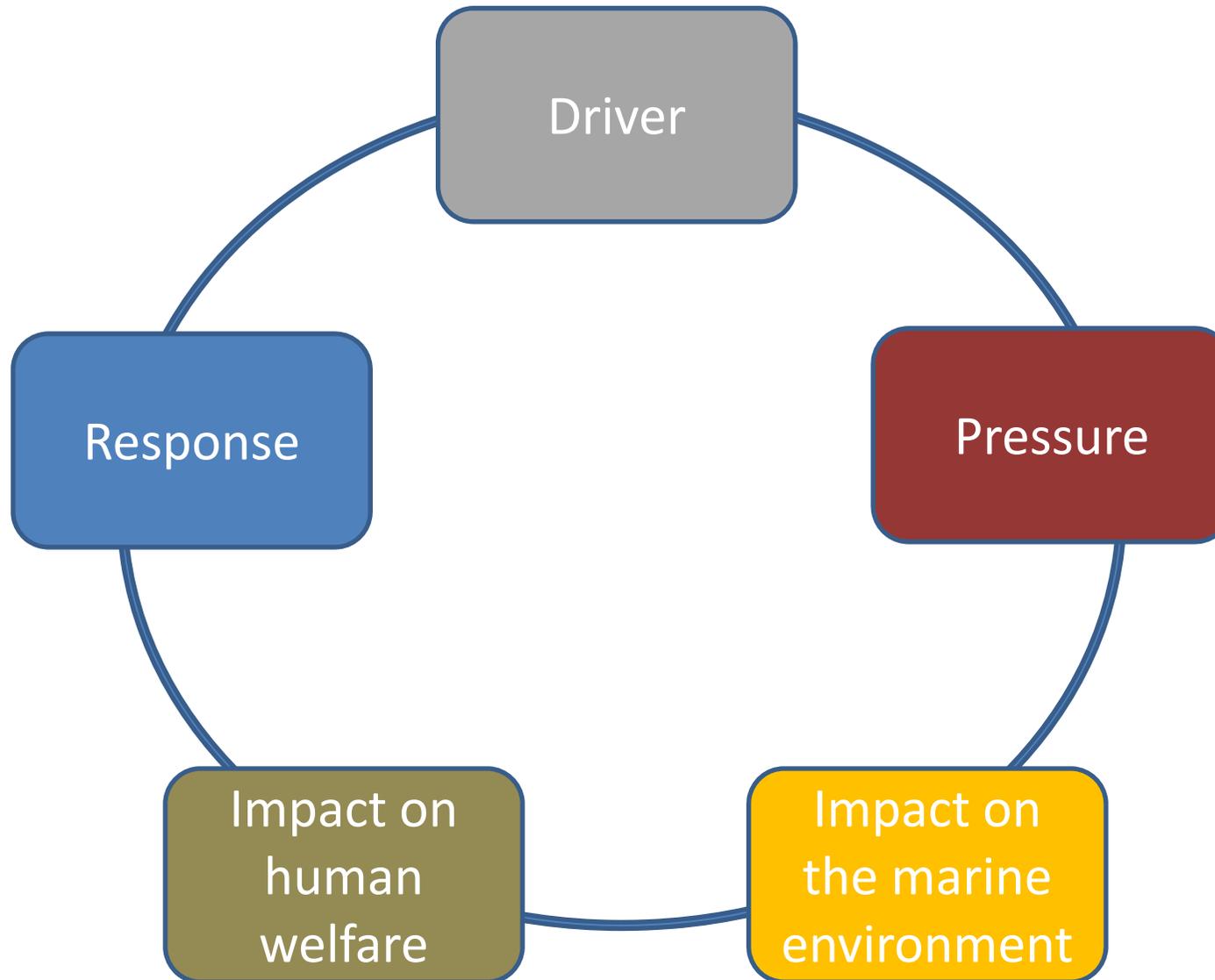
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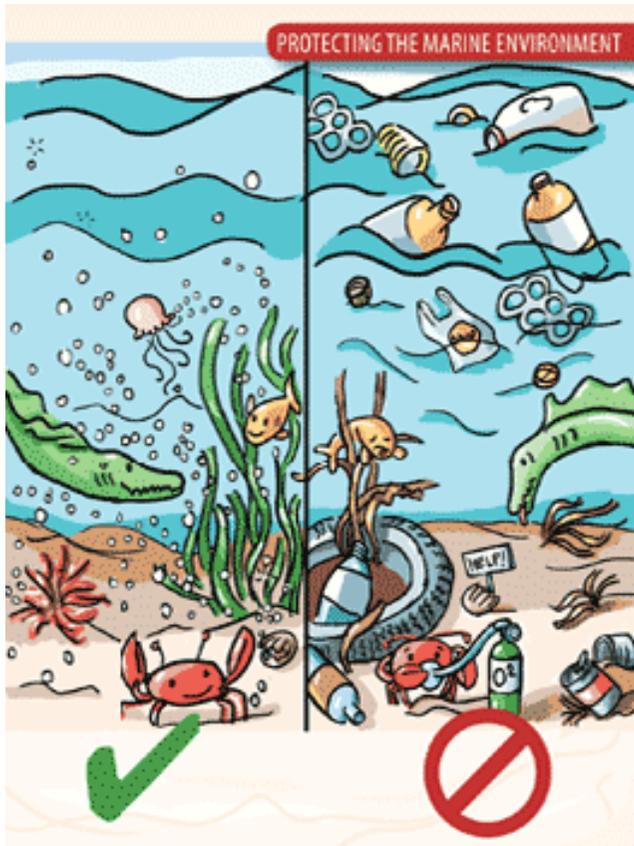
STEPS OF THE IMPLEMENTATION OF THE MSFD



LINKAGES BETWEEN ECONOMIC SECTORS, STATE OF THE MARINE ENVIRONMENT, HUMAN WELFARE AND ENVIRONMENTAL MEASURES



ECONOMICS DURING THE INITIAL ASSESSMENT



*IMPACTS ECONOMIC
ACTIVITIES MAKE ON
THE MARINE
ENVIRONMENT*

TO COMPARE



*BENEFITS THEY
BRING TO THE
SOCIETY*

WHAT IS THE VALUE OF A SEA?

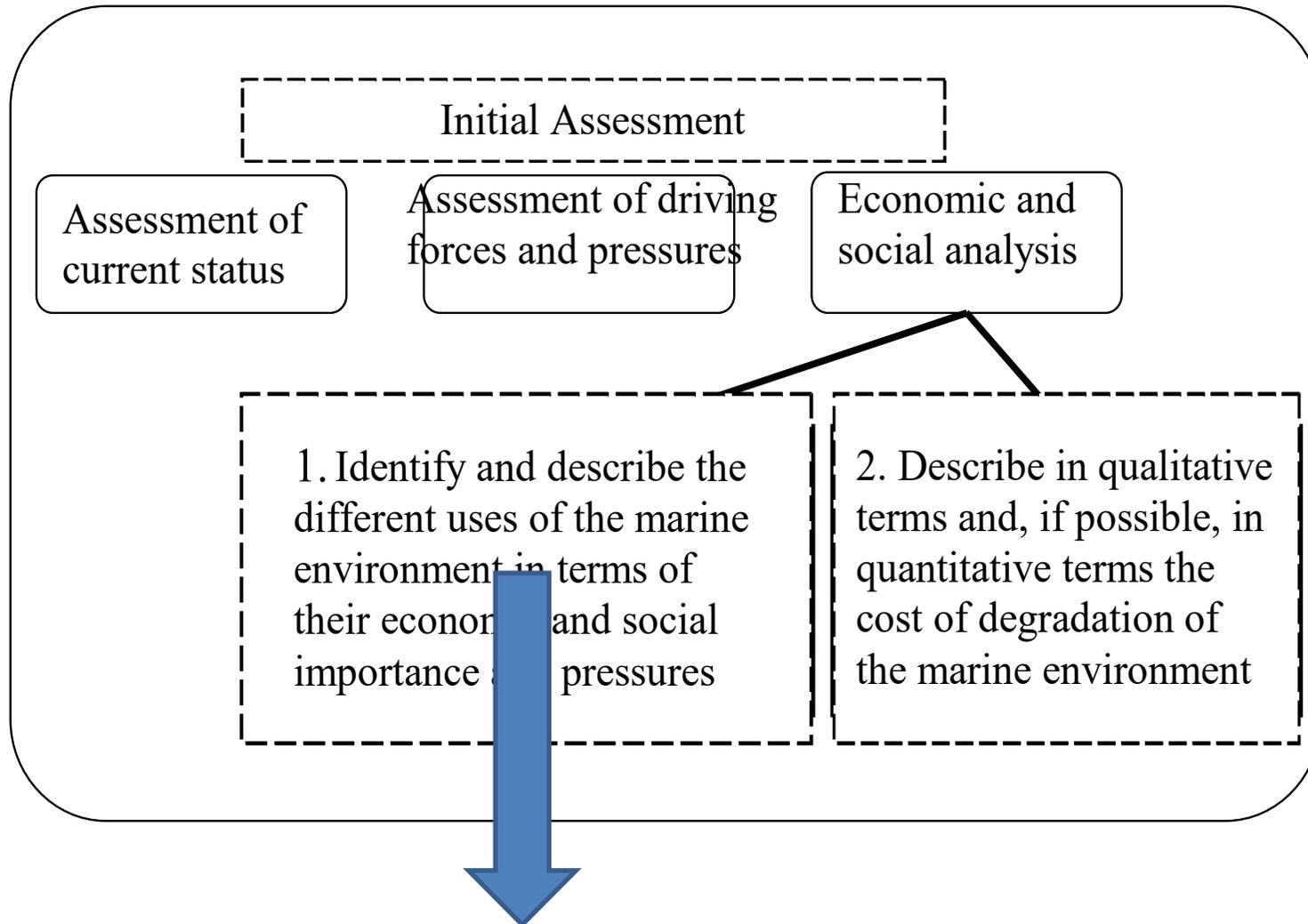
Value is assessed by analysing ecosystem services:		
Provisioning functions	Supporting and regulating functions	Cultural services
Food	Carbon sequestration	Recreational
Biological diversity	Nutrient recycling	Inspirational
Sand, amber, seashells etc.	Purification of water etc.	Existence etc.



Value is assessed by analysing economy sectors, dependent on the sea

- Offshore structures
- Restructuring of seabed morphology
- Extraction of minerals
- Extraction of oil and gas
- Extraction of salt
- Renewable energy generation
- Transmission of electricity and communications
- Fish and shellfish harvesting
- Fish and shellfish processing
- Marine plant harvesting
- Hunting and collecting for other purposes
- Aquaculture – marine
- Transport – shipping
- Waste treatment and disposal
- Tourism and leisure activities
- Research and survey

OBJECTIVES (STEPS) OF THE ECONOMIC AND SOCIAL ANALYSIS DURING THE INITIAL ASSESSMENT



1. IDENTIFY AND DESCRIBE THE DIFFERENT USES OF THE MARINE ENVIRONMENT IN TERMS OF THEIR ECONOMIC AND SOCIAL IMPORTANCE AND PRESSURES

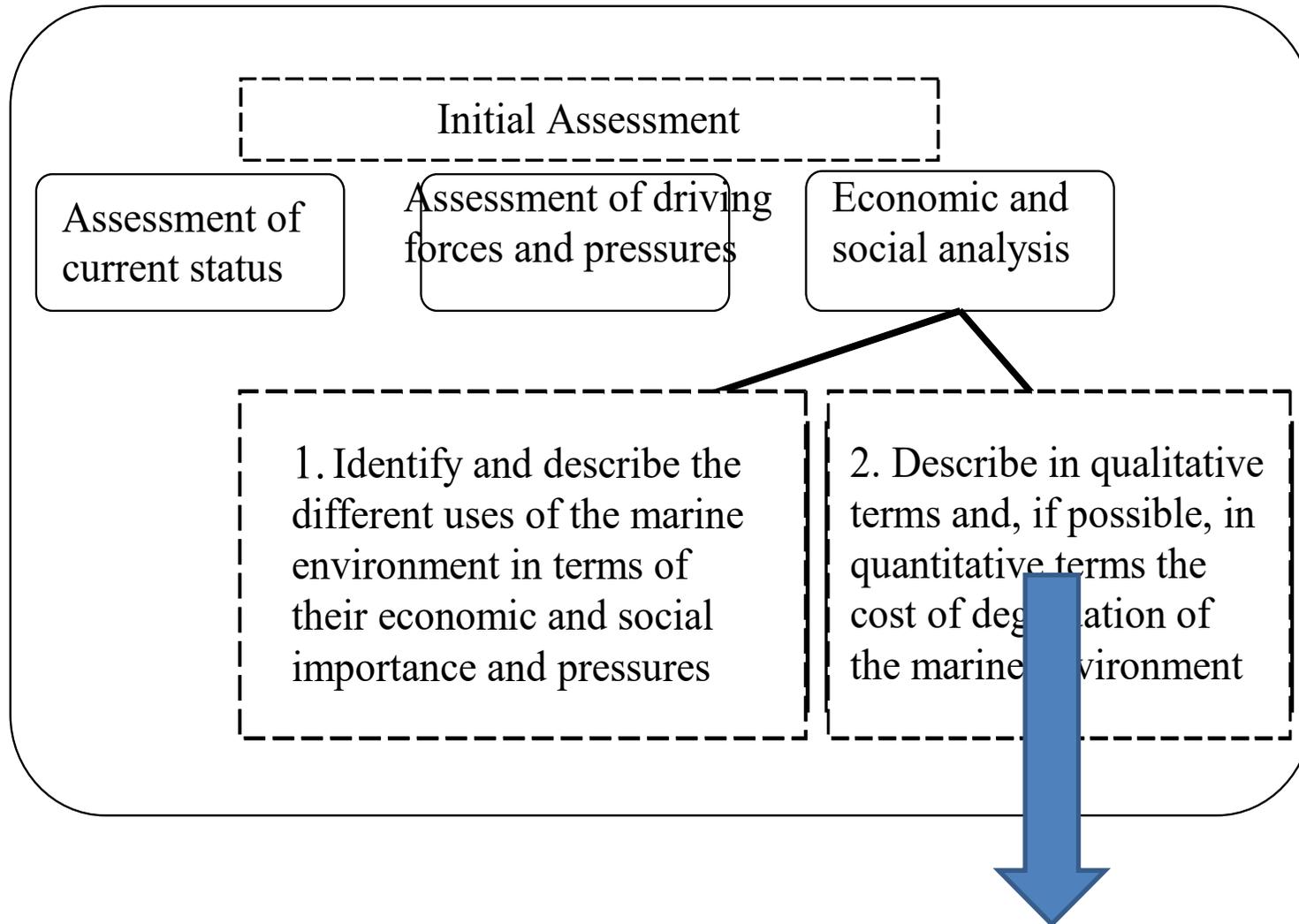
- Identify and describe the different uses of and pressures on the marine environment.
- Assess direct and, if possible, the indirect benefits of the different uses of the marine environment.
- Describe in qualitative and, if possible, quantitative terms the pressures caused by the different uses of the marine environment.

1. IDENTIFY AND DESCRIBE THE DIFFERENT USES OF THE MARINE ENVIRONMENT IN TERMS OF THEIR ECONOMIC AND SOCIAL IMPORTANCE AND PRESSURES

production value, value added (profits), number of employees (employment) etc. in a relevant sector of economy

- Describe in qualitative and, if possible, quantitative terms the pressures caused by the different uses of the marine environment.

OBJECTIVES (STEPS) OF THE ECONOMIC AND SOCIAL ANALYSIS DURING THE INITIAL ASSESSMENT



2. DESCRIBE IN QUALITATIVE TERMS AND, IF POSSIBLE, IN QUANTITATIVE TERMS THE COST OF DEGRADATION OF THE MARINE ENVIRONMENT (1)

Three different approaches:

1. Assess the difference of the value of the sea water due to reduced value of ecosystem services

2. Assess costs of relevant economic sectors due to degradation of the sea environment according to themes / descriptors

3. Assess the costs of measures currently implemented to prevent degradation of the sea environment

2. DESCRIBE IN QUALITATIVE TERMS AND, IF POSSIBLE, IN QUANTITATIVE TERMS THE COST OF DEGRADATION OF THE MARINE ENVIRONMENT (1)

Three different approaches:

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2. Assess costs of relevant economic activities to degradation of the sea environment to themes / descriptors

3. Assess the costs of measures currently implemented to prevent degradation of the sea environment

GES is needed

CHALLENGES

- **There are no good methods to assess the role of the seas in a State's economy and society's life in monetary terms**
- **Values (non-use values), which cannot be expressed in money, may be very important.**

The above was only about the Initial Assessment. Another important step for those conducting economic and social analysis - during preparation of the Programme of Measures



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Sunumumuz sona ermiřtir, ilginiz iin teřekkr ederiz.
Our presentation is finished, thank you for listening.

Daiva Semėnienė



Denizlerimizizin geleceđi bizim ellerimizde *The future of the seas is in our hands*



NIRÁS

