



Sustainable Blue Economy as Mission Ocean Driver

5 March 2024

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WHAT IS SUSTAINABLE BLUE ECONOMY?

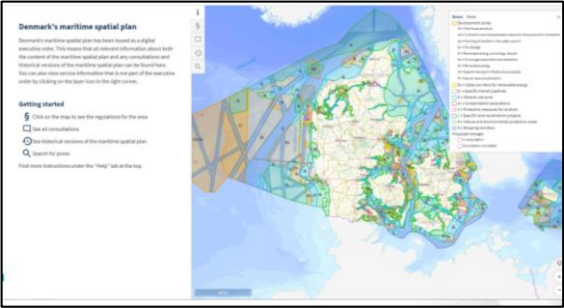
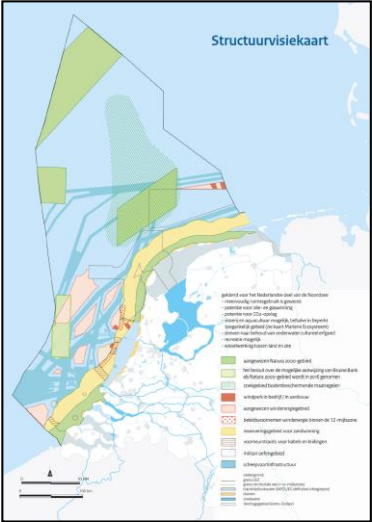
Sustainable blue economy – A definition

- *A sustainable blue economy promotes economic growth, social inclusion and improved livelihoods while ensuring the environmental sustainability of the natural capital of the oceans and seas.*

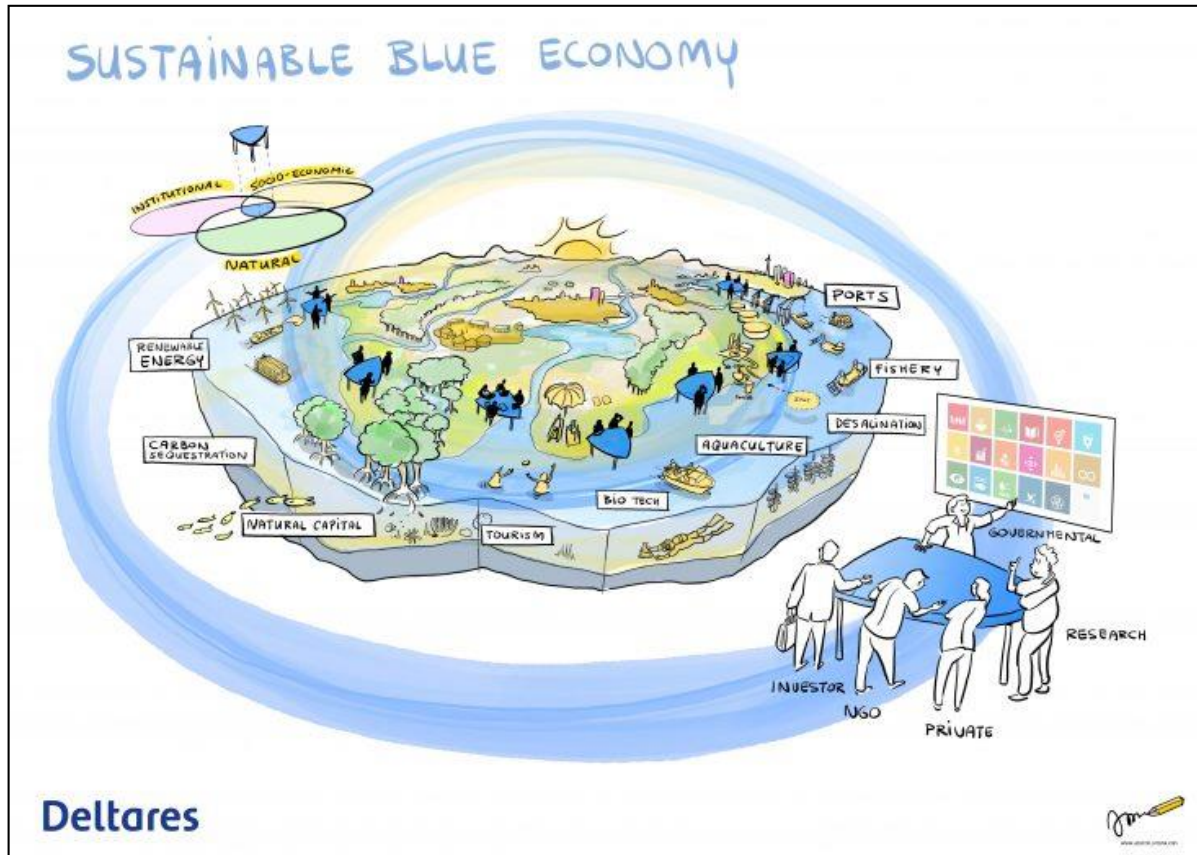
- *The sustainable blue economy encompasses all sectoral and cross-sectoral economic activities related to the oceans, seas and coasts. It comprises emerging sectors and economic value based on natural capital and non-market goods and services through the conservation of marine habitats and ecosystem services.*



The blue economy is out there



Human activities = driver for SBE development



Blue Cluster (Flanders - Belgium)



Sustainable Blue Economy



COASTAL PROTECTION and
USE OF MINERAL RESOURCES



RENEWABLE ENERGY
and FRESHWATER
PRODUCTION



MARITIME
CONNECTION



SUSTAINABLE SEAFOOD
and MARINE
BIOTECHNOLOGY



BLUE
TOURISM



OCEAN HEALTH and
WASTE SOLUTIONS



186

companies,
including 118 SMEs



17

knowledge centres

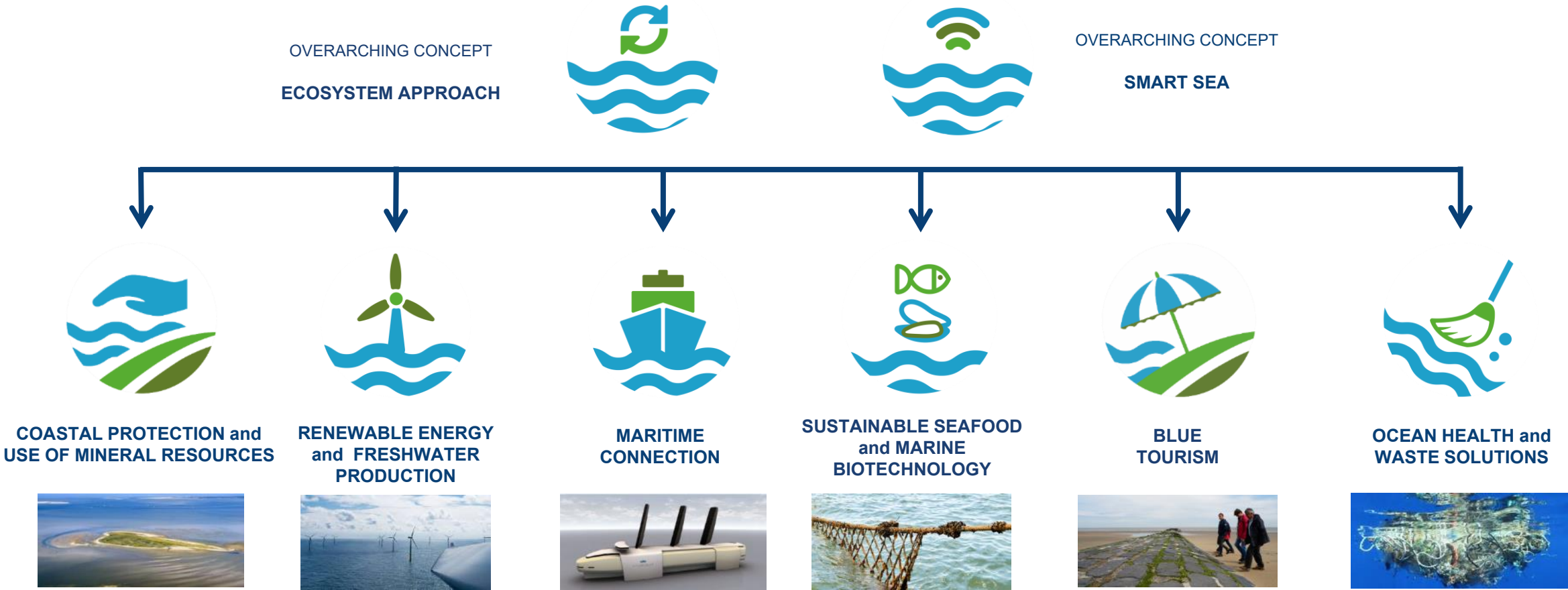
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other
(government institutions, training
centres, incubators, etc.)

In which areas are we active?

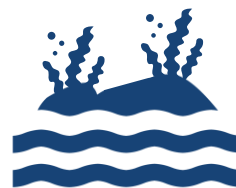
6 focus areas
2 cross-sectional areas

A roadmap for each area



Coastal protection

Nature Based Solutions



Infrastructure



Mineral resources



Sustainable seafood + marine biotech

Bio(-tech) products



Multi-use



Bio-prospecting



Innovation production



Roadmap maritime connection

Smart Shipping



SSAVE



SSN



Everblue



SMARAGD

Sustainable fuels



CHyPS



H2Tugboats



Estuary transport



SSN

...

Clean shipping

Ocean pollution

Detection, monitoring and removal

- Micro



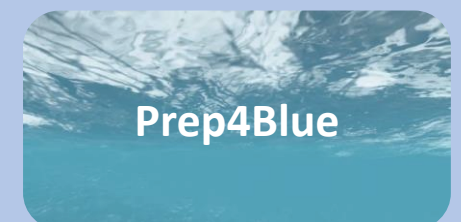
- Macro
- Munitie



Polluents



Ocean health



Blue tourism



WaveLake



SiteSea

enablers



BLUE BALANCE

Internalisation of negative externalities

Economic sustainable and profitable tourism

future



Facet

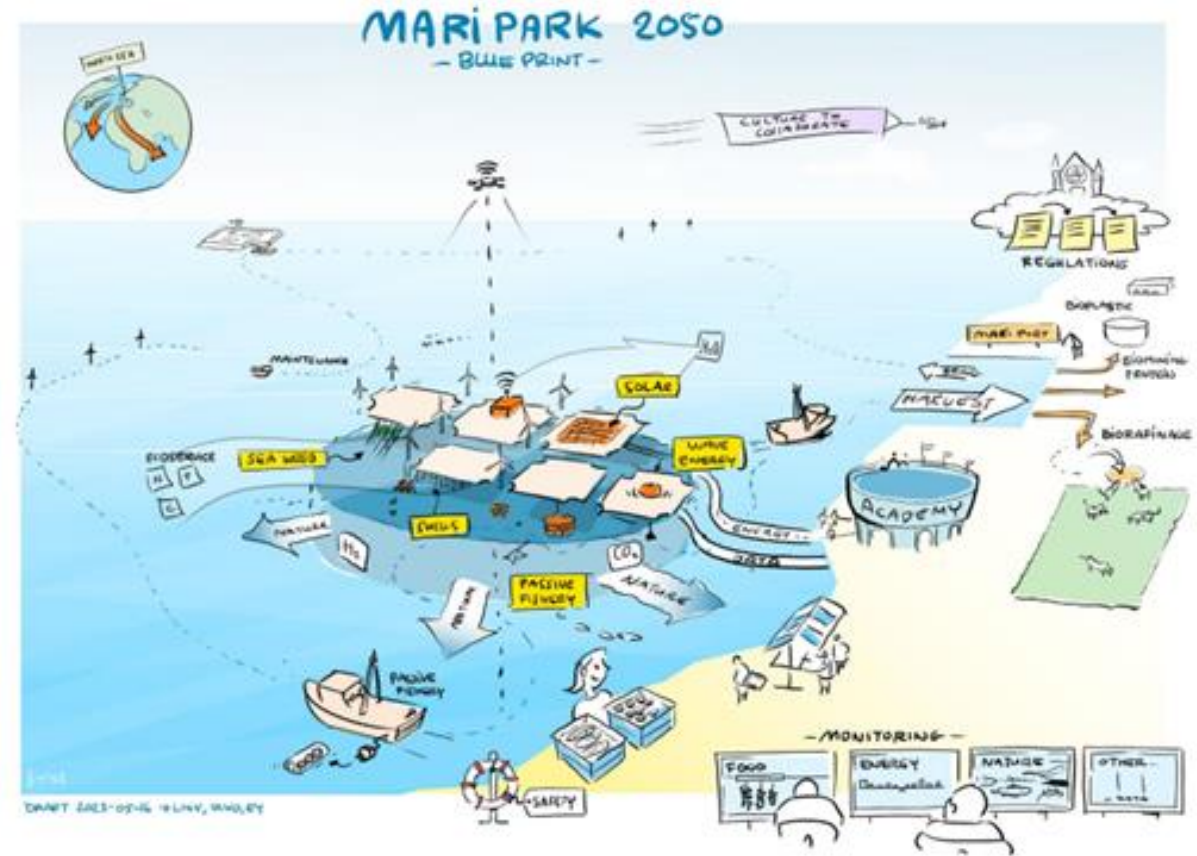


D4PV@Sea



Multiple use: ideal in theory, difficult in reality

- Boosting sustainable blue economy is only possible if we find synergies
- Blue economy can foster most by colocation (potential for multi-use)
- Environmental improvement is key (nature based design)
- Policy needs to force new offshore wind development towards space sharing (require multi-use in tendering)
- **“Multistakeholder” by definition**
- Governmental institutes and vehicles in line with ambition



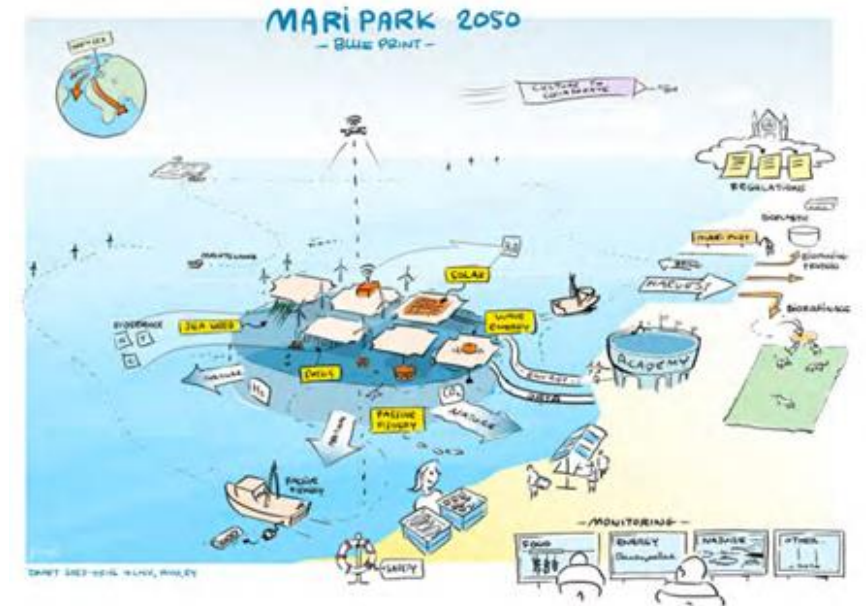
Stimulate sustainable blue economy by designating zone(s) at sea for commercial marine activities (cfr. business parks on land, typically for SMEs)

Production, testing, pilot, research and development, upscaling and business plans – within legally protected and secure framework for investors in emerging offshore business – mature SBE

Maripark



business park on land



Co-visual together with Joost Fluitsma

maripark, business park on sea

Sustainable Blue Economy and Mission Oceans

Blue Cluster brings in companies as key players



LIGHTHOUSES
"HUBS"



Within the scope of its mandate, the mission assumes a pivotal role in advocating for, and subsequently enabling, basin-wide collaboration.

ACHIEVEMENTS through mission lighthouses by 2030

- A healthy and pollution-free Mediterranean sea
- Carbon neutral and circular economy in Baltic and North sea
- Better protected and restored Danube river
- Restored Atlantic-Arctic ecosystems and biodiversity

Using SBE to tackle the intertwined crises of climate change and biodiversity loss by nurturing the well-being of our seas and harnessing their resources in a responsible way.

Blue Cluster in Blue Mission Banos HUB

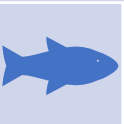


Start innovation cycles BE and NL !

Save the date 23 May
Ostend



business and innovation with as key enablers



Digital Ocean and Water Knowledge System



Public mobilisation and engagement



Save the date Mission arena 26 and 27
November Amsterdam!

First Mission arena
14-15 November
Gothenburg

“Bring concrete solutions to protect marine ecosystems and biodiversity, prevent and eliminate pollution and turn the blue economy both carbon-neutral and circular. “

BESS "The Digital Sea", project generation kick off!

- a dynamic platform for networking, knowledge exchange and active participation in shaping the future of SBE with focus on game-changing digitisation .
- one of key events of the Belgian EU presidency, inspiring and demonstrating the leading position of Flemish and Belgian organisations in a Digital Sea development.
- kicks off a new innovation cycle of the BANOS areas as part of the mission



Opt for:

- a deep dive in multi-use, sustainable blue economy and a Maripark as a solution,
- a deep dive in offshore security,
- shorter sessions on AI and big data.

Blue Cluster and VLIZ

Take home messages

- A key challenge for the near future is the development of Sustainable Blue Economy
- Clusters of companies are crucial to reach the Mission 'restore our ocean and waters' objectives
- Collaboration at basin level is crucial
- Exchanging experiences between LH is crucial



Thank you !



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#MSP
#Multi-use
#Innovation
#Blue economy

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