

TOWARDS A 'BLUEING THE BLACK SEA PROGRAMME' A REGIONAL INITIATIVE TO TACKLE MARINE POLLUTION

*in support of the Common Maritime
Agenda for the Black Sea*

Thursday, 4 February 2021, 11.00-13.00 (GMT+3)



**REPUBLIC OF TURKEY
MINISTRY OF ENVIRONMENT
AND URBANISATION**





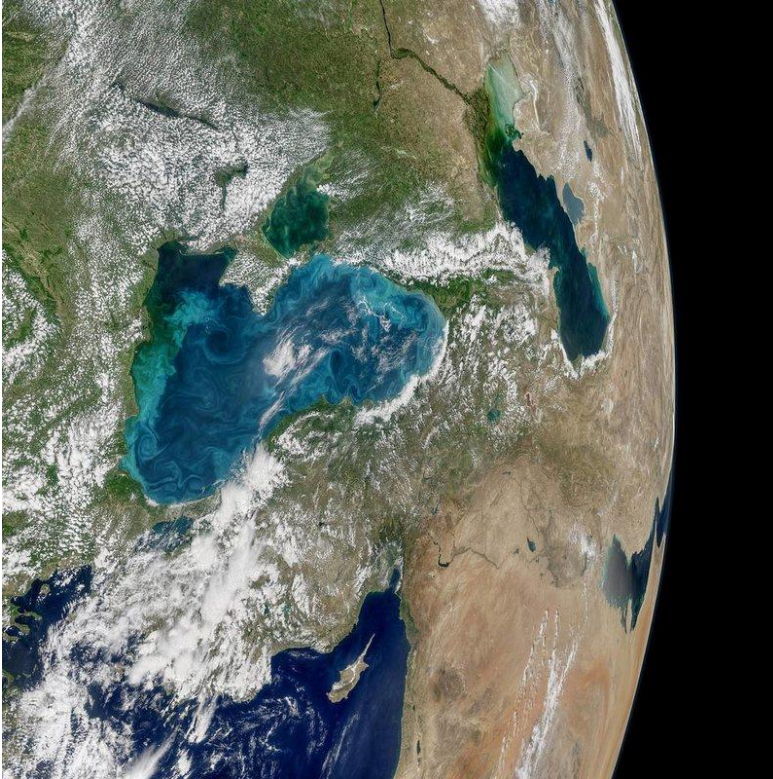
**BLUEING
THE
BLACK SEA**

SETTING THE SCENE

The Global Environmental Facility-funded 'Blueing the Black Sea Programme' (BBSEA-GEF)



WHAT DOES “BLUEING” MEAN?




- NASA'S AQUA SATELLITE

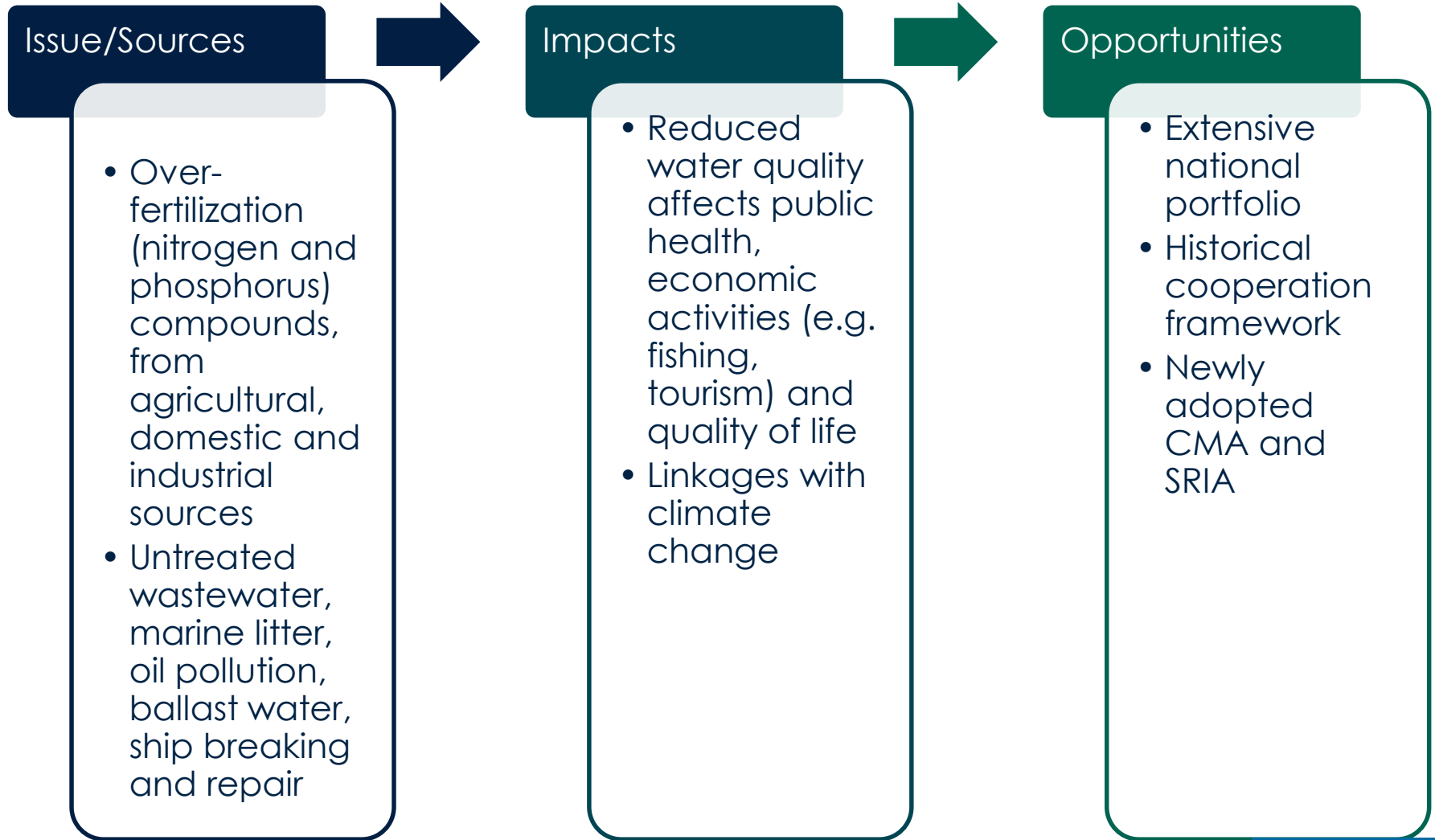
“Blueing” of oceanic sectors is achieved by supporting more sustainable development of maritime activities such as shipping, ports, tourism, offshore wind or desalination.

“Blueing” is the equivalent of greening applied to the marine environment.

RENEWED COMMITMENT FOR A HEALTHIER BLACK SEA

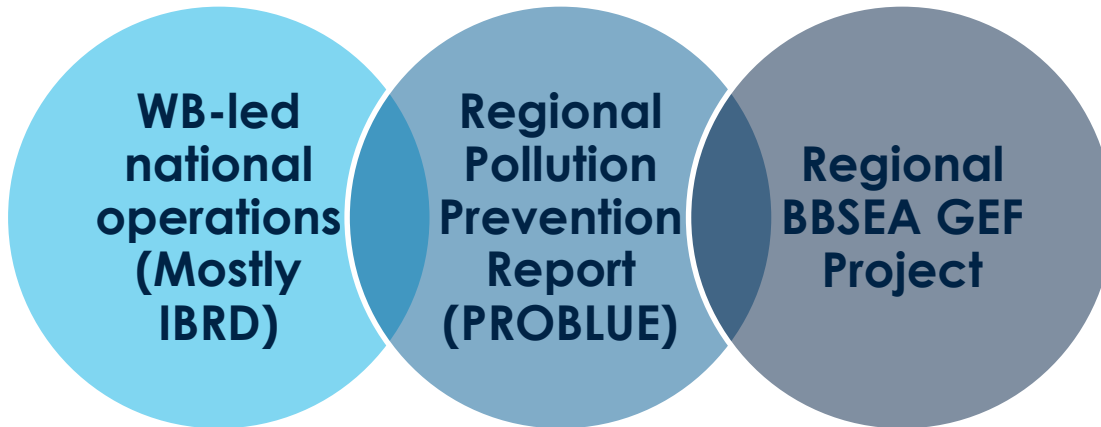
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- May 2019: A Common Maritime Agenda for the Black Sea was endorsed by Bulgaria, Georgia, the Republic of Moldova, Romania, Russia, Turkey, and Ukraine
 - May 2019: Strategic Research and Innovation Agenda (SRIA)
 - April 2009: Strategic Action Plan for the Environmental Protection and Rehabilitation of the Black Sea by Bulgaria, Georgia, Romania, Russia, Turkey and Ukraine

CLEANER BLACK SEA IS A FOUNDATION OF THE BLUE ECONOMY



BBSEA PROGRAM: VERY FIRST BUILDING BLOCKS

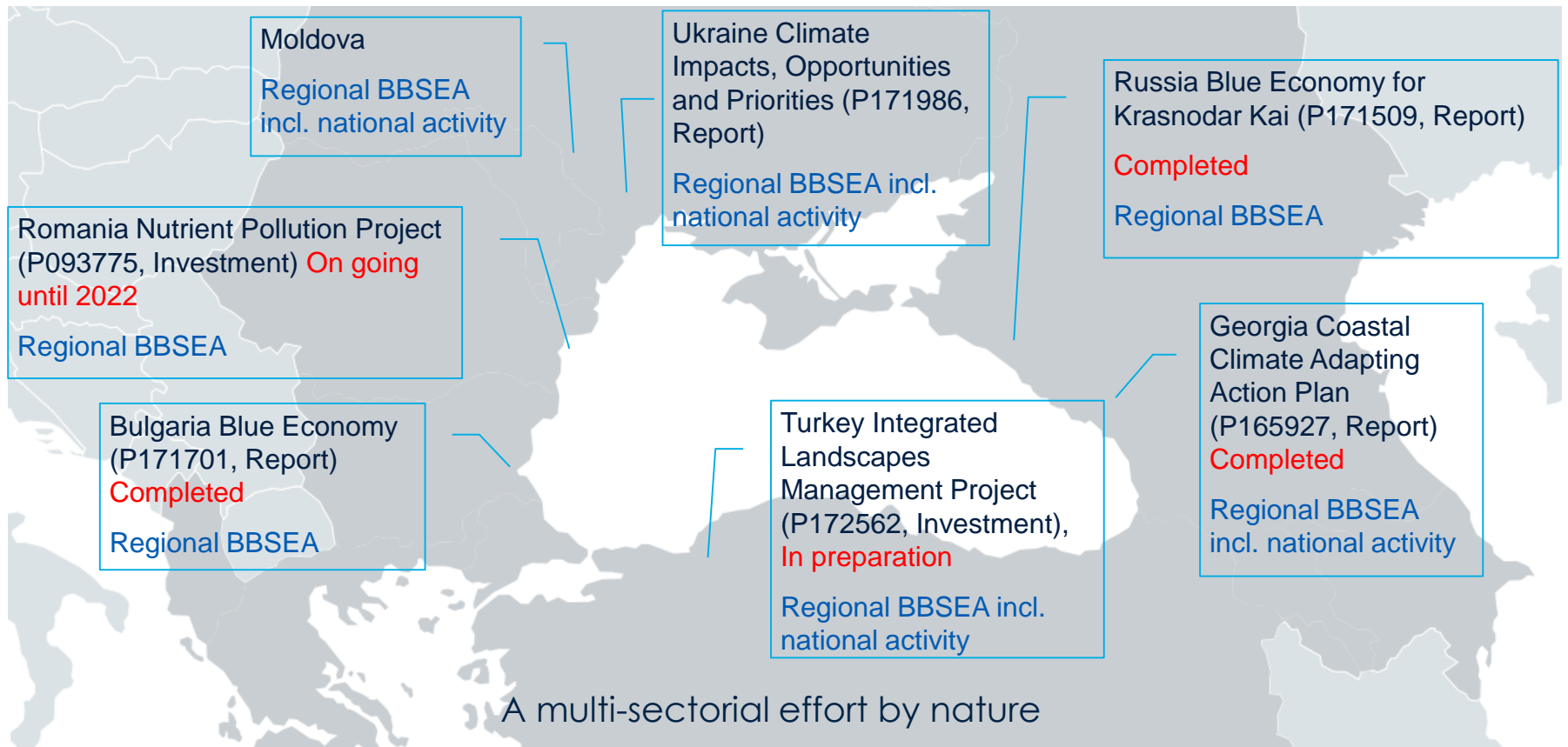
Starting with the issue of pollution



Special focus on:

1. Policy support on Blue governance to countries
2. Tackling Marine pollution
3. Enhancing governments' capacity for integrated coastal zone management

BBSEA PROGRAM: SNAPSHOT OF RELEVANT PROJECTS AND STATUS





**BLUEING
THE
BLACK SEA**

Working session 1

Turning the Tide of Pollution in the Black Sea

Component 1: The PROBLUE DIAGNOSTIC



TURNING THE TIDE OF POLLUTION IN THE BLACK SEA



Program Development Objective (PDO): The development objective is to improve national and regional knowledge on sources, prevention and mitigation of key marine pollutants in the Black Sea and strengthen the case for improved regional collaboration.

Activity 1: Blueing the Black Sea – Analysis and Diagnostics

1.1: National and Regional Legal and Institutional Analysis

1.2: National and Regional Pollution Diagnostics

Activity 2: Consultations, Dissemination and Outreach

2.1: Consultations and Workshops

2.2: Dissemination and Outreach



LEGAL AND INSTITUTIONAL ANALYSIS

I. General Protection of the Marine Environment

- I. International Marine Environmental Law
- II. Regional Marine Environmental Law
- III. International Environmental Law
- IV. EU Environmental Law
- V. National Environmental Law

II. Marine Pollution from Land-Based Sources

- I. International Marine Environmental Law
- II. Regional Marine Environmental Law
- III. International Watercourses Law
- IV. Relevant EU Law
- V. National Environmental Law

III. Marine Pollution from Dumping at Sea

- I. International Marine Environmental Law
- II. International Environmental Law
- III. Regional Marine Environmental Law
- IV. Relevant EU Law
- V. National Environmental Law

IV. Vessel Source Marine Pollution

- I. International Marine Environmental Law
- II. Regional Marine Environmental Law
- III. National Environmental Law

V. Marine Pollution from Atmospheric Sources

- I. International Marine Environmental Law
- II. International Environmental Law
- III. Regional Marine Environmental Law
- IV. EU Environmental Law
- V. National Environmental Law

IV. Implementation and Enforcement of Relevant Legal Frameworks

- I. International Marine Environmental Law
- II. International Environmental Law
- III. Relevant Marine Environmental Law
- IV. EU Environmental Law
- V. National Environmental Law

POLLUTION DIAGNOSTIC

I. Sources of Pollution

- I. Land Base (e.g. Agriculture, wastewater incl. industry, ports, etc.)
- II. Maritime Pollution (e.g. shipping, oil spills etc.)
- III. Atmospheric Deposition
- IV. International waterways and transboundary

II. Differentiated Diagnostic of Marine Pollution

- I. Key pollution categories differentiated in each country
- II. Hotspots Mapping

III. Business as Usual Scenarios

- I. Economic and social sectors impacted by pollution (e.g. Public health, fisheries, tourism, industry, biodiversity, etc.).
- II. Scenarios at the national level
- III. Scenarios at the regional level, including cooperation

IV. Benefits of Addressing Pollution Issues in the Black Sea

- I. Socio-economic potential
- II. Role of the private sector
- III. Role of the public sector
- IV. Analysis of the incremental benefits of regional vs national

OVERALL BLACK SEA POLLUTION DIAGNOSTIC



1. Introduction

1. Black Sea quick facts
2. Economic contribution of the Black Sea, natural capital
3. Pollution: Local and Regional Perspective
4. Regional Cooperation – the SRIA and CMA
5. Alignment with the future European Green Deal (EGD)
6. Blue Economy Concept and its role in post-COVID recovery

2. Methodology

1. Scope of the Diagnostic – Pollution
2. Building on existing activities (ie. Development partner activities, etc)
3. Data collection (building on existing activities from ESA)
4. National and Regional Analysis
5. Consultations, communication

3. Sources of Pollution

1. Land Base (e.g. agriculture, wastewater incl. Industry, ports, etc)
2. Maritime pollution (e.g. shipping, oil spills)
3. Atmospheric Deposition
4. International waterways and transboundary

4. Differentiated Diagnostic of Marine Pollution

1. Key pollution categories differentiated in each country
2. Hotspots Mapping

5. Business As Usual Scenarios

1. Economic and social sectors impacted by pollution (e.g. Public health, fisheries, tourism, industry, biodiversity, etc.)
2. Scenarios at the national level
3. Scenarios at the regional level, including cooperation

6. Benefits of Addressing Pollution Issues in the Black Sea

1. Socioeconomic potential
2. Role of the private sector
3. Scenarios at the regional level, including cooperation
4. Analysis of the incremental benefits of regional vs. national (trade-offs and win-win solutions)

7. Marine Pollution Institutional Legal, Policy Gap Analysis and Compliance

1. Institutional gap analysis
2. Legal gap analysis
3. Policy gap analysis

8. Recommendations

1. Policy / Legal / Institutional
2. Finance and innovative instruments
3. Knowledge
4. Applicable technologies

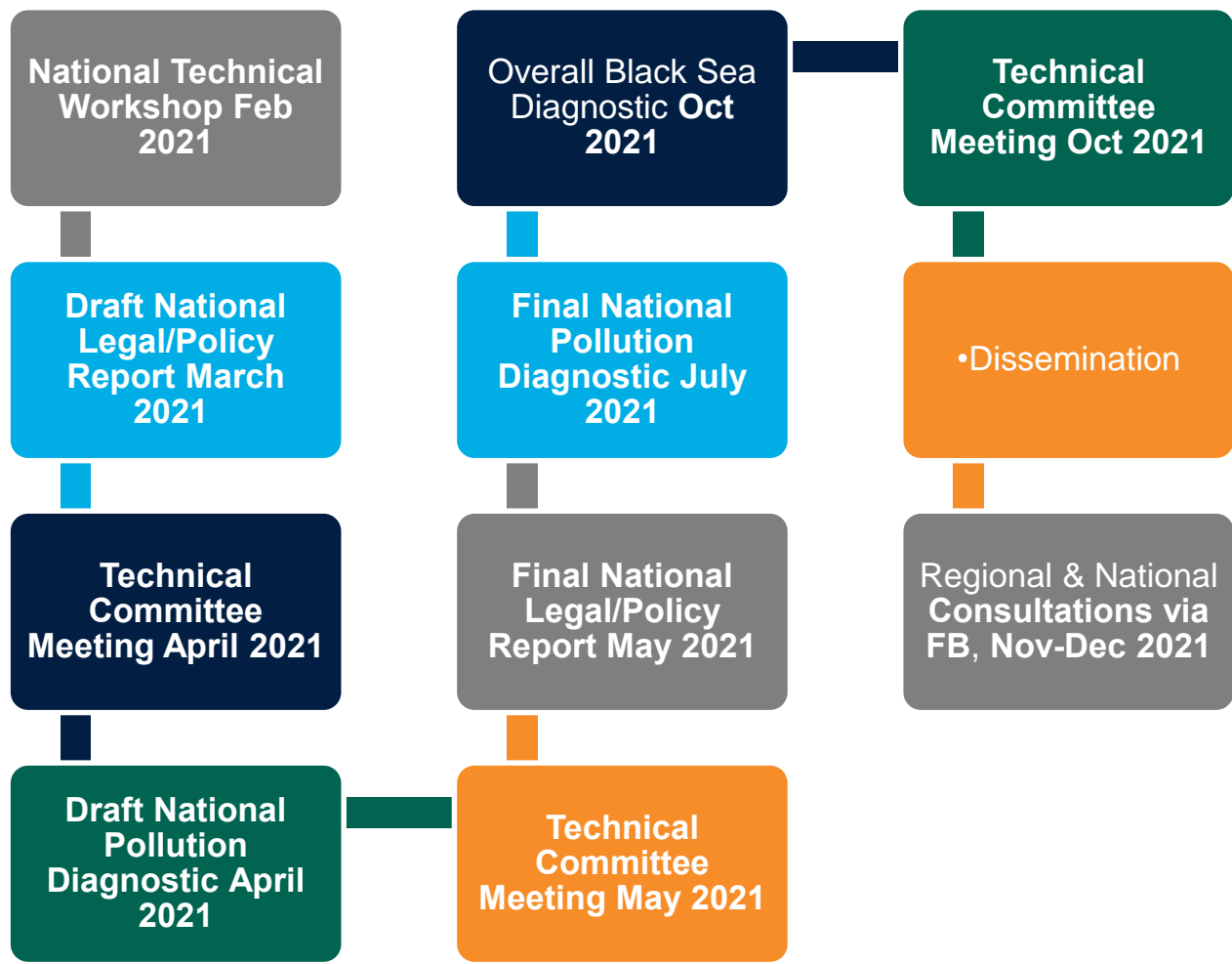
9. Action Plan (TIMEFRAME)



IMPLEMENTATION



BBSEA PROBLUE Study Timeline



QUESTIONS (?)

1. Will the ASA activities (i) legal and institutional analysis; and (ii) regional pollution diagnostic contribute to the regional to address marine pollution?
2. Does the scope of the ASA activities reflect on the main gaps that need to be addressed?
3. Which are the stakeholders that have most important role in addressing marine pollution and should be involved in the technical committee?
4. Does the ASA risk any overlap with existing projects or initiatives at national and regional levels?
5. What other advice and recommendations you would like to share with the project team?

QUESTIONS (?)

6. What are the pollution sources, circulation patterns and impacts?
7. What are the business as usual scenarios at national and regional levels if nothing is done to address pollution issues?
8. How can institutional, legal and policy reforms help to address pollution issues?
9. What are the priorities of {country} related to marine pollution prevention and reduction; pragmatic avenues to reduce marine litter and stimulate recycling practices?
10. What support schemes are in place to accompany the development of smart pollution reduction techniques?



**BLUEING
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Working session 2

BBSEA GEF Project, Focus on Turkey

BBSEA GEF-funded Regional project preparatory phase
Component 2: “Strengthen public private partnership and
innovative financing”



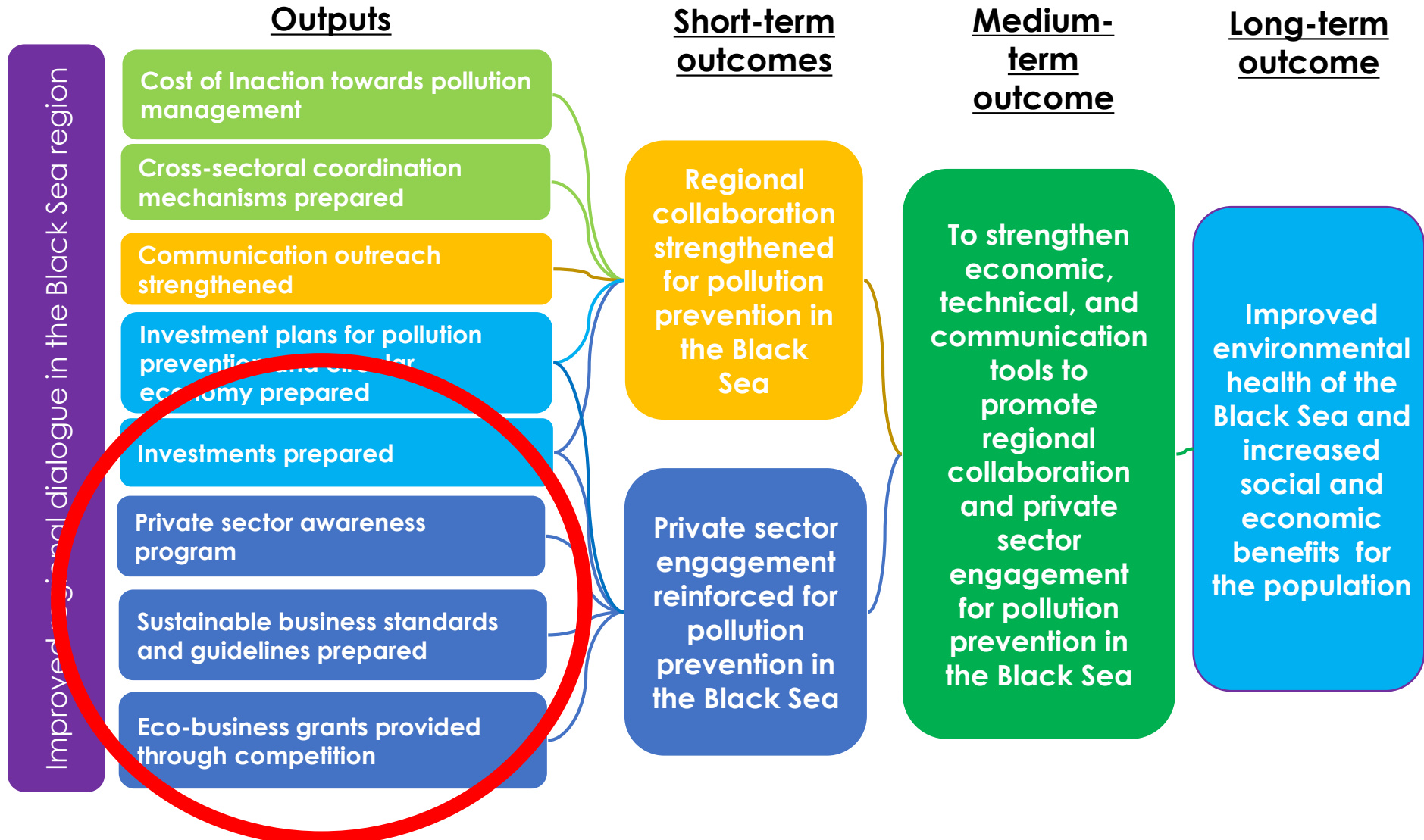
FOR THE BLACK SEA

BBSEA GEF Project Component 2 : key facts

- **Instrument:** Investment Project Financing
- **Financing:** \$6.6 million from The Global Environment Facility International Water Window
- **Execution:** Permanent International Secretariat of the Organisation of the Black Sea Economic Cooperation
- **Long-term objective:** Improve environmental health of the Black Sea and increase social and economic benefits for the population
- **Timeline:** Q3 2021 – Q1 2024.



BBSEA GEF Project: Theory of change



BBSEA GEF Project: indicative activities



ACTIVITIES

- Development of sustainable business standards
- Capacity building on green financing
- Eco-Business competitions and grants
- Investment preparation

OUTPUT INDICATORS

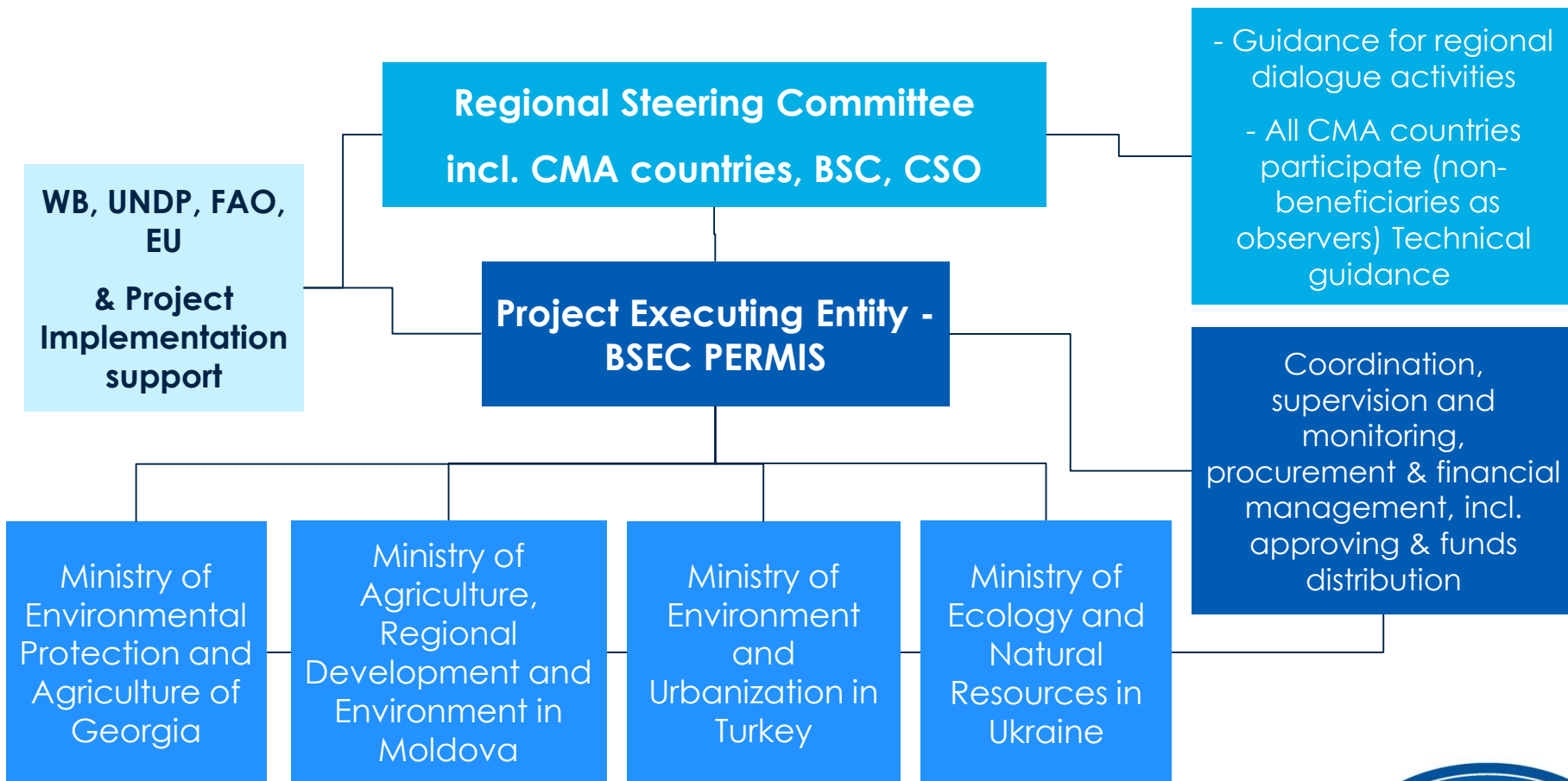
- ✓ Innovations and standards developed for pollution reduction (#)
- ✓ Grants to youth and women (#)
- ✓ Investment proposals ready (#)

INTERMEDIATE OUTCOMES

Increased public and private investments in pollution reduction



BBSEA GEF Project: Possible implementation arrangements



BBSEA GEF Project: Possible implementation arrangements



Development of sustainable business standards

- *Are there any particular standards for sustainable business operations and investments applied by banks, private investors and development agencies in projects in the domains of agriculture, aquaculture, tourism, shipping and water management? If not, do you find it useful if such standards were developed?*
- *Which organisations should be the promoters of such standards?*
- *Which is the best avenue to promote such standards (e.g. trainings, guidelines, best practice exchange)?*

BBSEA GEF Project: Possible implementation arrangements



Building green & innovative financing capacity

- *What challenges does the development of innovative, sustainable business models face? Which sources of funding are available to spur their development at national level?*
- *Do you consider sufficient the investments at national and local levels to address green infrastructure and technology gaps (e.g. on waste water treatment, water depollution, water recycling)? If not, how can they be spurred?*
- *Are there any institutions, at national level or at regional level, that promote investments in green technologies, circular economy models or novel green infrastructures for pollution reduction, waste management and recycling related to marine pollution?*

BBSEA GEF Project: Possible implementation arrangements



Building green & innovative financing capacity

- *Are there any financial institutions and (equity) funds that strategically target and support companies or early-stage ventures that develop solutions for the pollution problem and the blue economy as a whole (e.g. renewable energy, sustainable seafood, blue biotech, maritime IT)?*
- *What can be done to catalyse innovative financing solutions to overcome the pollution problem and get critical projects off the ground? Which actors are best placed to do so? How can cooperation and collaboration be fostered?*
- *How can financial engineering be exploited as an asset in the solution of the marine pollution problem? Which cooperation opportunities present themselves? Which actors are best placed to assist with funding of projects?*



BBSEA GEF Project: Possible implementation arrangements



Financial support to green investments

- *Do you think that a dedicated eco-business competition that provides small grants to distinguished innovations could add value in the fight against pollution? If so, should this competition be organised at national level or at sea-basin level?*
- *Who should be the target group of this competition – public authorities or private entrepreneurs?*
- *What actors are best placed to accompany the development from start to finish to ensure coherence?*

BBSEA GEF Project: Possible implementation arrangements



Investment preparation / PPP investments

- *What investments are necessary to increase the recycling capacities of Black Sea regions?*
- *Can cooperation between regions increase the recycling possibilities?*
- *Can Public-Private Partnerships speed up the process?*

Thank you for your participation!