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)
SETTING THE SCENE

The Global Environmental Facility-funded ‘Blueing the Black Sea Programme’ (BBSEA-GEF)
“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.

- NASA’S AQUA SATELLITE
**RENEWED COMMITMENT FOR A HEALTHIER BLACK SEA**

- 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

**Issue/Sources**
- Over-fertilization (nitrogen and phosphorus) compounds, from agricultural, domestic and industrial sources
- Untreated wastewater, marine litter, oil pollution, ballast water, ship breaking and repair

**Impacts**
- Reduced water quality affects public health, economic activities (e.g. fishing, tourism) and quality of life
- Linkages with climate change

**Opportunities**
- Extensive national portfolio
- Historical cooperation framework
- Newly adopted CMA and SRIA
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

A multi-sectorial effort by nature

- **Bulgaria Blue Economy** (P171701, Report)  
  - Completed  
  - Regional BBSEA

- **Moldova**  
  - Regional BBSEA incl. national activity

- **Romania Nutrient Pollution Project** (P093775, Investment)  
  - On going until 2022  
  - Regional BBSEA

- **Ukraine Climate Impacts, Opportunities and Priorities** (P171986, Report)  
  - Regional BBSEA incl. national activity

- **Russia Blue Economy for Krasnodar Kai** (P171509, Report)  
  - Completed  
  - Regional BBSEA

- **Georgia Coastal Climate Adapting Action Plan** (P165927, Report)  
  - Completed  
  - Regional BBSEA incl. national activity

- **Turkey Integrated Landscapes Management Project** (P172562, Investment)  
  - In preparation  
  - Regional BBSEA incl. national activity
Working session 1
Turning the Tide of Pollution in the Black Sea

Component 1: The PROBLUE DIAGNOSTIC
**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
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 (i.e., 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)
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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

   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

Consulting Firm

Government Focal Points (BBSEA)

National Technical Committee

World Bank & Black Sea Commission
BBSEA PROBLUE Study Timeline

- National Technical Workshop: Feb 2021
- Draft National Legal/Policy Report: March 2021
- Technical Committee Meeting: April 2021
- Draft National Pollution Diagnostic: April 2021
- Technical Committee Meeting: May 2021
- Final National Legal/Policy Report: May 2021
- Final National Pollution Diagnostic: July 2021
- Overall Black Sea Diagnostic: Oct 2021
- Technical Committee Meeting: Oct 2021
- Regional & National Consultations via FB, Nov-Dec 2021
- Dissemination
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?
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?
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”
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

Outputs
- Cost of Inaction towards pollution management
- Cross-sectoral coordination mechanisms prepared
- Communication outreach strengthened
- Investment plans for pollution prevention and circular economy prepared
- Investments prepared
- Private sector awareness program
- Sustainable business standards and guidelines prepared
- Eco-business grants provided through competition

Short-term outcomes
- Regional collaboration strengthened for pollution prevention in the Black Sea
- Private sector engagement reinforced for pollution prevention in the Black Sea

Medium-term outcome
- To strengthen economic, technical, and communication tools to promote regional collaboration and private sector engagement for pollution prevention in the Black Sea

Long-term outcome
- Improved environmental health of the Black Sea and increased social and economic benefits for the population

Improved regional dialogue in the Black Sea region
Cross-sectoral coordination mechanisms prepared
Communication outreach strengthened
Investment plans for pollution prevention and circular economy prepared
Investments prepared
Private sector awareness program
Sustainable business standards and guidelines prepared
Eco-business grants provided through competition
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

Regional Steering Committee
incl. CMA countries, BSC, CSO

Project Executing Entity - BSEC PERMIS

- Guidance for regional dialogue activities
- All CMA countries participate (non-beneficiaries as observers) Technical guidance

Coordination, supervision and monitoring, procurement & financial management, incl. approving & funds distribution

WB, UNDP, FAO, EU & Project Implementation support

Ministry of Environmental Protection and Agriculture of Georgia
Ministry of Agriculture, Regional Development and Environment in Moldova
Ministry of Environment and Urbanization in Turkey
Ministry of Ecology and Natural Resources in Ukraine

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)?
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?
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?
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?
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!