BLUEING THE BLACK SEA PROGRAM

A REGIONAL INITIATIVE TO TACKLE MARINE POLLUTION AND CLIMATE CHANGE

in support of the Common Maritime Agenda for the Black Sea

Thursday, 11 March 2021, 14.00-16.00 pm (GMT+2)
WELCOME ADDRESS

- H.E. Amb. Michael B. CHRISTIDES, Secretary General, Permanent International Secretariat (PERMIS), Organization of the Black Sea Economic Cooperation (BSEC)
- Ms. Iryna STAVCHUK, Deputy Minister of Regional and European Integration of Ukraine
- Mr. Steven SCHONBERGER, Director for Sustainable Development Europe and Central Asia, World Bank
- Ms. Patrizia BUSOLINI, Policy Officer, Sea-basin Strategies, Maritime Regional Cooperation and Maritime Security, Directorate-General for Maritime Affairs and Fisheries (DG MARE), European Commission

Moderator: Ms. Oksana RAKOVYCH, Environmental Specialist, World Bank
SETTING THE SCENE

The Global Environmental Facility-funded ‘Blueing the Black Sea Programme’ (BBSEA-GEF)
What does “blueing” mean?

“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

- 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
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

- Moldova Agriculture Competitiveness Project (P118518)
  - On going until 2024
  - Regional BBSEA incl. national activity

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

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

- Ukraine Assessment of Climate Impacts, Opportunities and Priorities (P171986, Report)
  - On going
  - Kherson Sea Commercial Port (IFC)
  - Regional BBSEA incl. national activity

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

- Turkey Integrated Landscapes Management Project (P172562, Investment)
  - In preparation
  - Regional BBSEA incl. national activity

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

A multi-sectorial effort by nature
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
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
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 it 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 waterwas and transboundary

4. Differentiated Diagnostic of Marine Pollution
   1. Key pollution categories differentiated in each country
   2. Hotspos 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

- Draft National Legal/Policy Report March 2021
- National Technical Workshop Feb 2021
- Overall Black Sea Diagnostic Oct 2021
- Technical Committee Meeting Oct 2021
- Final National Pollution Diagnostic July 2021
- Draft National Pollution Diagnostic April 2021
- Technical Committee Meeting April 2021
- Final National Legal/Policy Report May 2021
- Technical Committee Meeting May 2021
- Regional & National Consultations via FB, Nov-Dec 2021
- Dissemination
LIVE SURVEY / Опитування в прямому ефірі
YOUR VOICE MATTERS!

Ваша думка має значення!
1. Will the legal and institutional analysis and the regional pollution diagnostic contribute to the regional efforts to address marine pollution?

- Yes, since this issue transcends national borders. / Так, адже це питання перетинає національні кордони.
- No, there are sufficient studies on pollution. / Ні, є достатньо досліджень щодо забруднення.
2. Does the scope of the “Turning the tide of pollution” report activities reflect on the main gaps that need to be addressed?

- Yes / Tak: 22
- No / Ні: 3
- Other / Інше: 8
3. Which are the key stakeholders in addressing marine pollution at national, local and international level to be involved in the technical committee?
4. Are there any other similar or relevant existing projects and initiative at national and regional levels that we should consider?

- Yes / Tak: 28
- No / Hi: 6
4a. If yes, what are the projects that overlap in your view?

- Emblas Plus?
- EMBLAS Plus
- Hi
- Black Sea CONNECT
- EMBLAS4EU
- EMBLAS -2
- For this questions we have to be prepared before.
- Emblas
4a. If yes, what are the projects that overlap in your view?

- EMBLAS PLUS (complementarity more than overlap and BSCSEA)
- Black sea connect
- EUWI+ project dealing with RBMP preparation
- Too complicated to answer
- Local and regional programs on pollution prevention in Odessa region
- ZeroWaste, national fundamental projects
- Anemone
- Black Sea Connect
- not overlapping, but compliment Towards INMS
4a. If yes, what are the projects that overlap in your view?

EUWI+
5. What are the most important pollution sources and/or human activity impacting health of marine ecosystems in the Black Sea we should consider?
6. Can institutional, legal and policy framework reform in Ukraine help to address pollution issues?

- **17**
  - Framework reform in Ukraine is needed to address marine pollution. / Реформа бази потребна для вирішення питань морського забруднення.

- **1**
  - The framework is sufficient to address marine pollution in Black sea. / Існує достатня база для вирішення питань забруднення у Чорному Морі.

- **15**
  - The framework is well developed but lacks implementation & enforcement. / База є добро розробленою, але бракує реалізації та правозастосування.
7. What further support would you need from the World Bank to accompany the pollution-free development of blue economy in the Black sea?

- political will
- Funding
- best practice engagement with successful implementation from other regions
- Digital solutions
- Push
- Training for officials
- Support for local communities
- Upgrade the methods and equipment
- Push
7. What further support would you need from the World Bank to accompany the pollution-free development of blue economy in the Black sea?

- Ideas
- Funding, expert support
- Investment in effective management of coastal protected areas and help for farmers to reduce nutrient/chemical applications
- Awareness building
- Research funds are required to estimate impacts of possible measures/actions to the environment
- Economic justification of recovery
- Support with local research (Skadovsk)
- Funding initiatives
7. What further support would you need from the World Bank to accompany the pollution-free development of blue economy in the Black sea?

- Funds for Joint Black Sea Surveys, assistance at development the Programme of Measures
- Engage fishers more in the cleaning activities, they are always there.
- Funding for coastal infrastructure development, as well as for kanalization reparation
- Best practices, expert
- Funding the research and development projects
- Facilitate to settle national financing in projects implication.
- Support, experts, examples
- funding
7. What further support would you need from the World Bank to accompany the pollution-free development of blue economy in the Black sea?

Support to build infrastructure for monitoring the state of pollution, action to prevent pollution and marine litter
Working session 2
BBSEA GEF Project, Focus on Ukraine

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

BSEC
BBSEA GEF Project: key facts

- **Instrument:** Investment Project Financing
- **Financing:** $6.6 million from The Global Environment Facility International Water Window
- **Execution:** Permanent International Secretariat of the Organization 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: Indicative Activities

Activities (primarily) at national level

A. The Cost of Pollution on the Economy
B. Cross sectoral Coordination Mechanism for the Blue Economy
C. National investment Plans for Pollution Prevention and Circular Economy (including financing targets and monitoring)
D. Eco-Business Competition and Grants to reduce pollution and improve water quality run-off to the Black Sea
E. Preparation and fund-raising for investment to reduce pollution and improve water quality run off to the Black Sea.
BBSEA GEF Project: Indicative Activities

Activities (primarily) at regional level

F. Sustainable Business Standards and Guidelines in key sectors (agriculture, aquaculture, tourism, shipping and water management)

G. Capacity building in banking for green finance and innovation

H. Awareness raising on the issue of pollution in the Black Sea
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

- Project Preparation Grant for BSEC (Jan 2021)
- Country consultation by VC (Feb-April 2021)
  Ukraine: March 2021
- Decision meeting (April 2020)
- Implementation starts (Sept 2021)
- Board date (July, 2021)
- Appraisal (June 2021)
LIVE SURVEY / Опитування в прямому ефірі
YOUR VOICE MATTERS!

Ваша думка має значення!
1. Select the topmost important national level activities for Ukraine.

- Investment preparation / Підготовка інвестицій для зменшення забруднення та покращення якості води, що стикає до Чорного моря
  - 15

- The Cost of Pollution on the Economy / Вартість забруднення для економіки
  - 14

- Cross-sectoral Coordination Mechanism for the Blue Economy / Крос-секторальний механізм координації для синьої економіки
  - 11

- Eco-Business Competition & Grants / Конкурс та гранти у сфері екобізнесу для зменшення забруднення та покращення якості води, що стикає до Чорного моря
  - 14

- Investment Plans for Pollution Prevention and Circular Economy / Плани інвестицій для запобігання забрудненню та циркулярної економіки
  - 16
2. Select the topmost important regional level activities for Ukraine.

- Sustainable Business Standards & Guidelines in key sectors / Сталі бізнес-стандарти та настанови у ключових секторах (аквакультура, туризм, сільське)
- Capacity building in banking for green finance and innovation / Розвиток потенціалу у банківському секторі задля зеленого фінансування та інновацій
- Awareness raising on the issue of pollution / Покращення обізнаності щодо питань забруднення у Чорному морі
3. Does Ukraine need/have an investment Plan for Pollution Prevention?

- Ukraine already has one. / В Україні він вже є.
- Ukraine would benefit from it. / Україні він був би корисний.
4. Does Ukraine need/have an investment plan for Circular Economy?

- Ukraine does not need it.
- Ukraine would benefit from it.

1 for Ukraine does not need it.
23 for Ukraine would benefit from it.
5. Select suitable competitors for the eco-business grant competition to reduce pollution and improve water quality run-off to the Black Sea.
6. What are the priority sectors for the eco-business grant competition to reduce pollution and improve water quality run-off to the Black Sea?

- Industrial wastewater / Промислові стічні води: 27
- Agriculture / Сільське господарство: 27
- Urban wastewater / Комунальні стічні води: 26
- Shipping / Перевезення: 15
- Tourism / Туризм: 13
7. Do you know other eco-business grant competition programs dedicated to reducing pollution? If yes, which one do you have in mind?

- no
- Black Sea CBC
- Horizon 2020
- Blue invest program
7. Do you know other eco-business grant competition programs dedicated to reducing pollution? If yes, which one do you have in mind?

I don't know  Martera  do not know

Romania-Ukrainę Interreg  Not familia for me sphere  Green Deal

No  CBC  Emblas had such competition. Also there are many NGO in Ukraine, working with this topic
7. Do you know other eco-business grant competition programs dedicated to reducing pollution? If yes, which one do you have in mind?

life

Конкурс щодо збереження в одних ресурсив
8. What investment would be the most effective to reduce pollution and improve water quality run-off in Ukraine?

- Waste-water treatment facility / Споруди для очищення стічних вод: 23
- Solid Waste Management facility / Об'єкти для поворотки в твірним відходами: 9
- Nitrate and phosphate fertilizer reduction program in agriculture / Програма зменшення нітратних та фосфатних добрив у сільському господарстві: 14
- Green infrastructure (wetlands, forest, etc.) / Зелена інфраструктура (болота, ліс тощо): 6
- Better pollution management facility at major harbours / Кращі споруди для забруднення в основних портах: 4
9. Are there any particular standards and/or procurement rules for sustainable business operations and investments in Ukraine?

None of the options are correct!

<table>
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<th>Count</th>
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<tr>
<td>No / Ні</td>
<td>6</td>
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<tr>
<td>do not know</td>
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<tr>
<td>OP</td>
<td>International rules</td>
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9a. If there are such standards and/or procurement rules, which ones do you have in mind?

- no
- Национальны
- I’d know this in advance
10. What do you consider a good way to support/promote sustainable business practices and innovation towards pollution reduction?

- More and dedicated communication campaigns / Спеціальні комунікаційні кампанії та їхня більша кількість
  - 15 votes

- Through legislation / Через законодавство
  - 21 votes

- More capacity building to business entrepreneurs / Більше розвитку потенціалу для підприємців
  - 19 votes

- More financing by banks and development institutions / Більше фінансування від банків та організацій розвитку
  - 18 votes

- Through education for the youth / Через освіту для молоді
  - 17 votes

- By involving popular faces / Через залучення популярних облич
  - 7 votes
11. Are there any institutions, at national or regional levels, that promote investments in green tech or circular economy models?

- Yes / Так: 17
- No / Ні: 1
- I don't know / Не знаю: 10
12. Are there any financial institutions/equity funds in Ukraine that target & support companies that develop solutions for pollution problems?

- Yes / Так: 9
- No / Hi: 5
- I don't know / Не знаю: 11
12a. If there are such institutions or funds, please specify which you have in mind.

<table>
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<tr>
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<th>Other Institutions</th>
<th>Fund Management</th>
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<td>CIG</td>
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<td>Horizon</td>
<td>Certain banks and foundations</td>
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12a. If there are such institutions or funds, please specify which you have in mind.

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<tbody>
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<td>Ukraine invest</td>
<td>no</td>
<td></td>
</tr>
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</table>
Please rate this Survey.

- Great! / Чудово! 22
- Okay. / Нормально 12
- Boring. / Нудно 1
Thank you for your participation!