

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



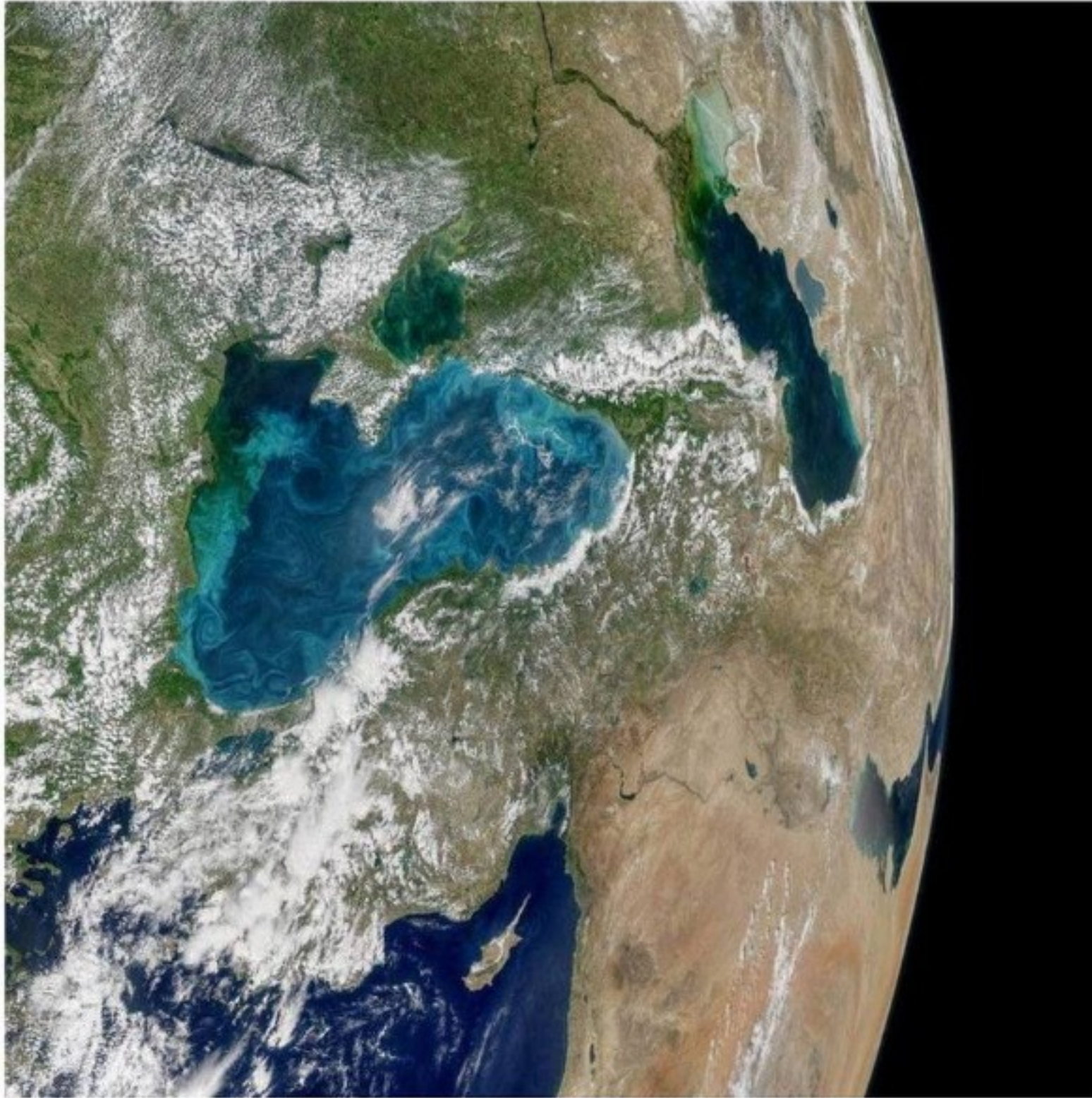




SETTING THE SCENE

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

WHAT DOES “BLUEING” MEAN?




• NASA'S AQUA SATELLITE

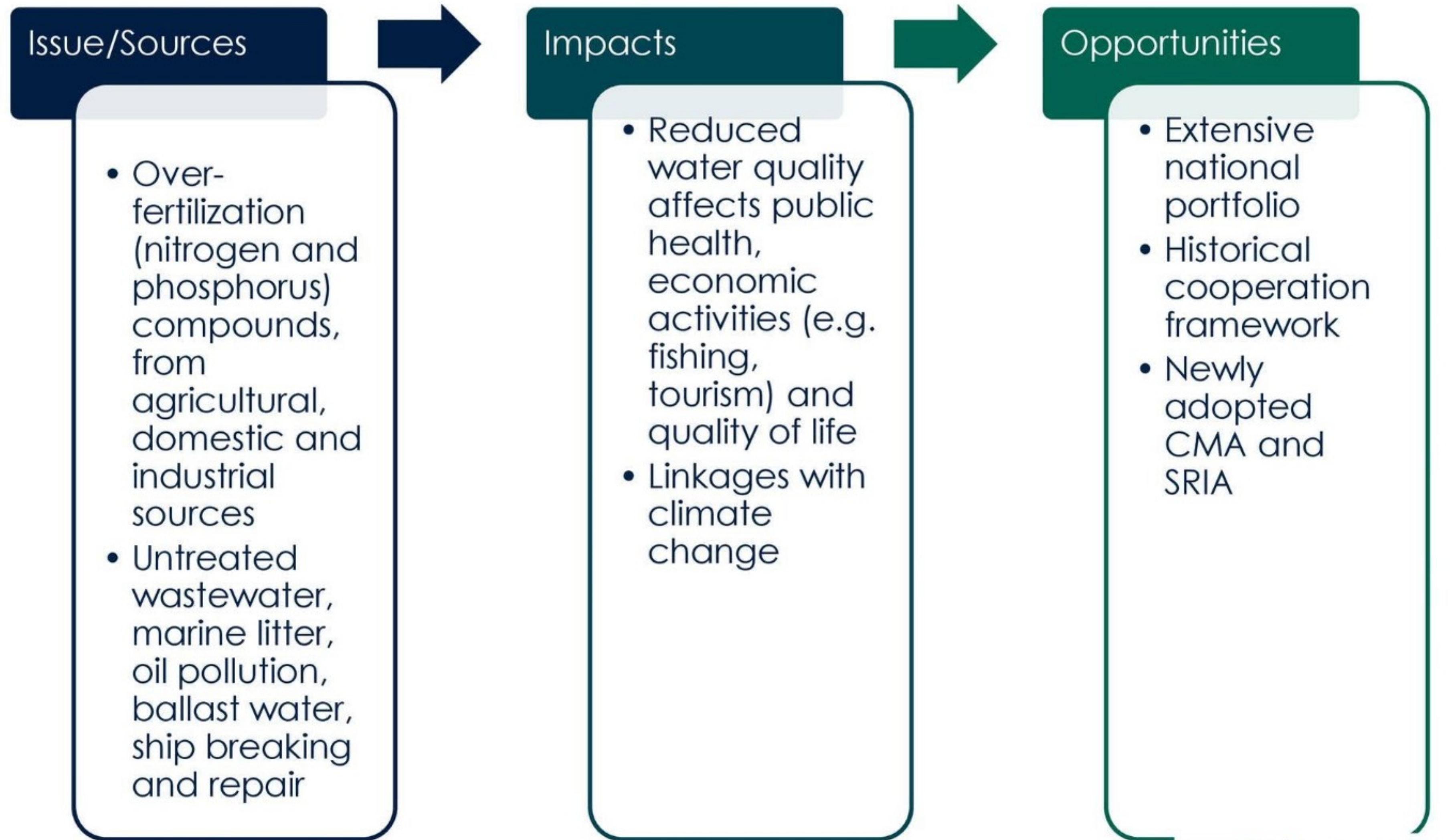
“Blueing” of oceanic sectors is achieved by supporting more sustainable development of maritime activities such as shipping, ports, tourism, offshore wind or desalination.

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

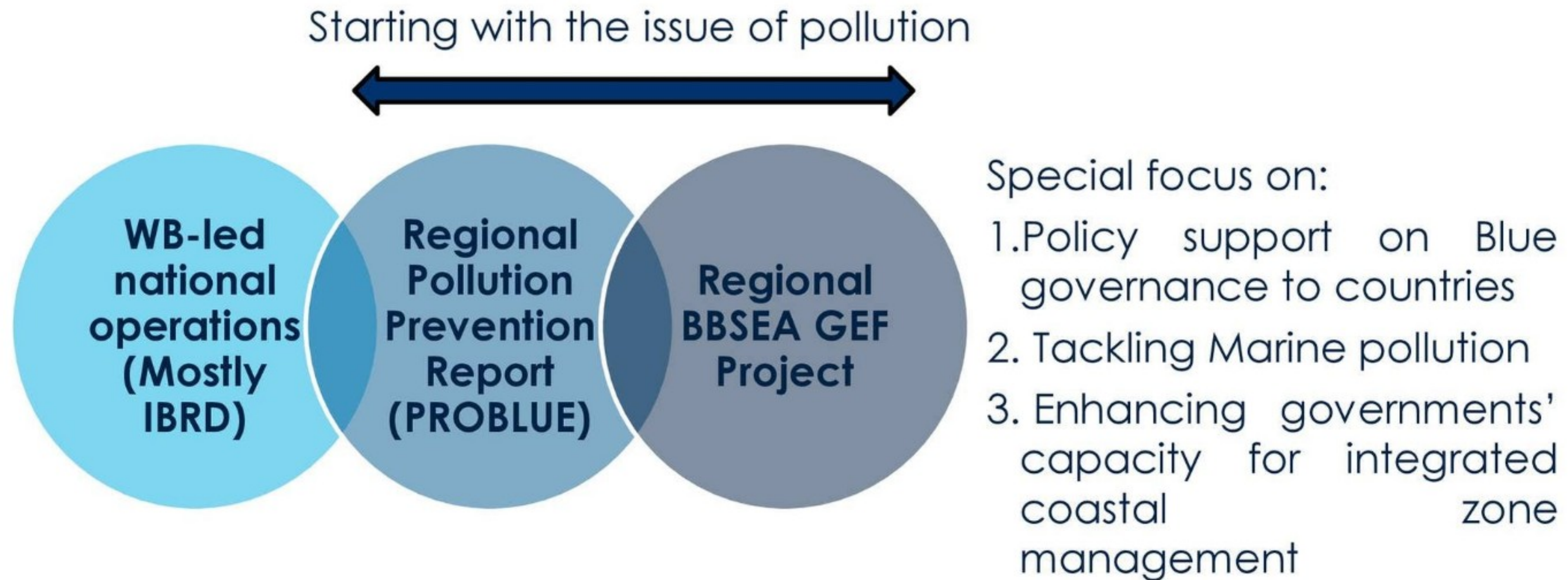
RENEWED COMMITMENT FOR A HEALTHIER BLACK SEA

- 
- 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



BBSEA PROGRAM: SNAPSHOT OF RELEVANT PROJECTS AND STATUS



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

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

Consulting Firm



Government Focal Points (BBSEA)



National Technical Committee



World Bank & Black Sea Commission

BBSEA PROBLUE Study Timeline



LIVE SURVEY / Опитування в прямому ефірі

YOUR VOICE MATTERS!

Ваша думка має значення!



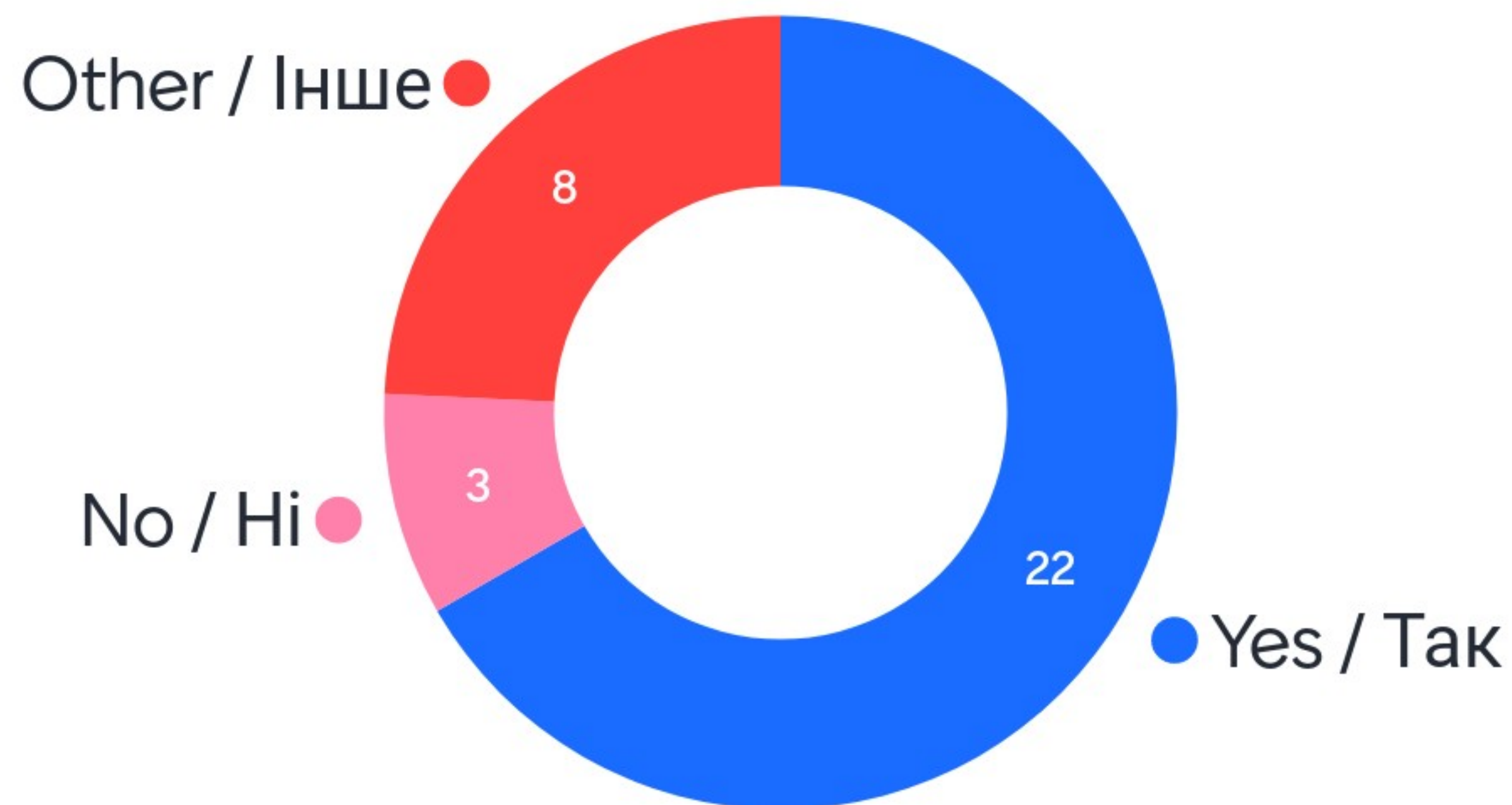
1. Will the legal and institutional analysis and the regional pollution diagnostic contribute to the regional efforts to address marine pollution?

No, there are sufficient studies on pollution. / Ні, є достатньо досліджень щодо забруднення.

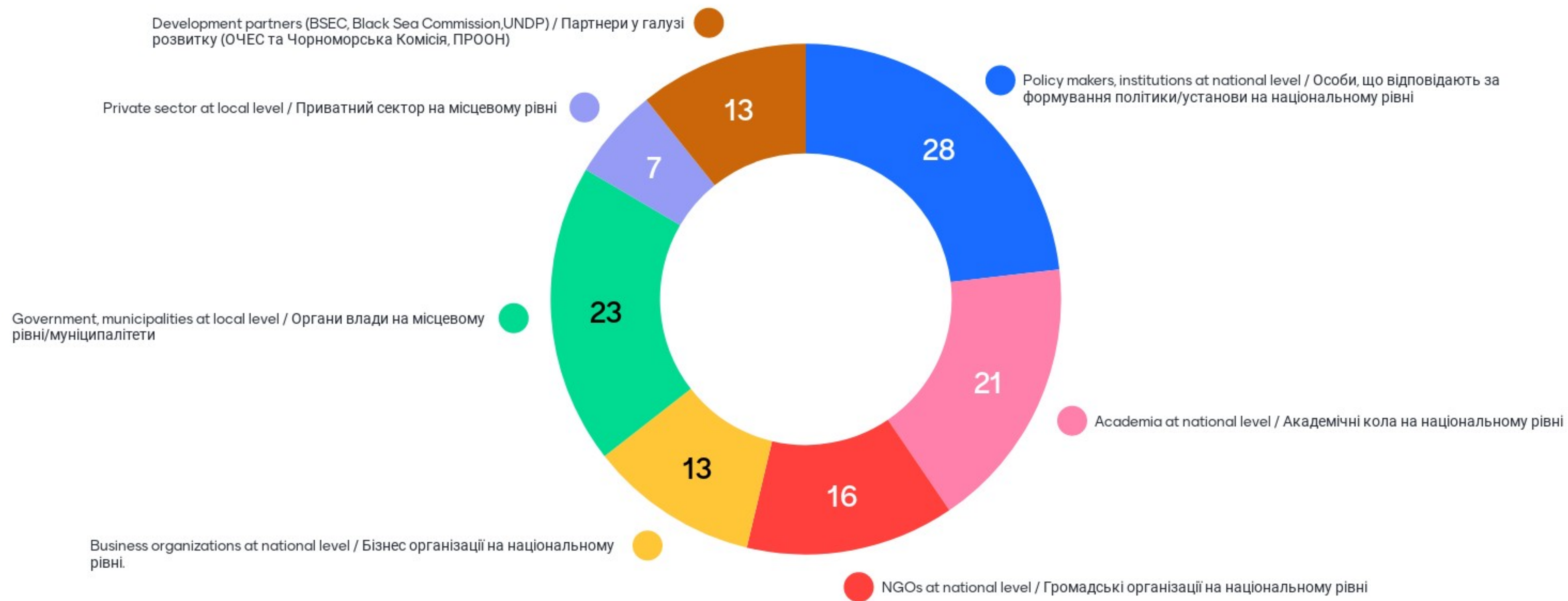


Yes, since this issue transcends national borders. / Так, адже це питання перетинає національні кордони.

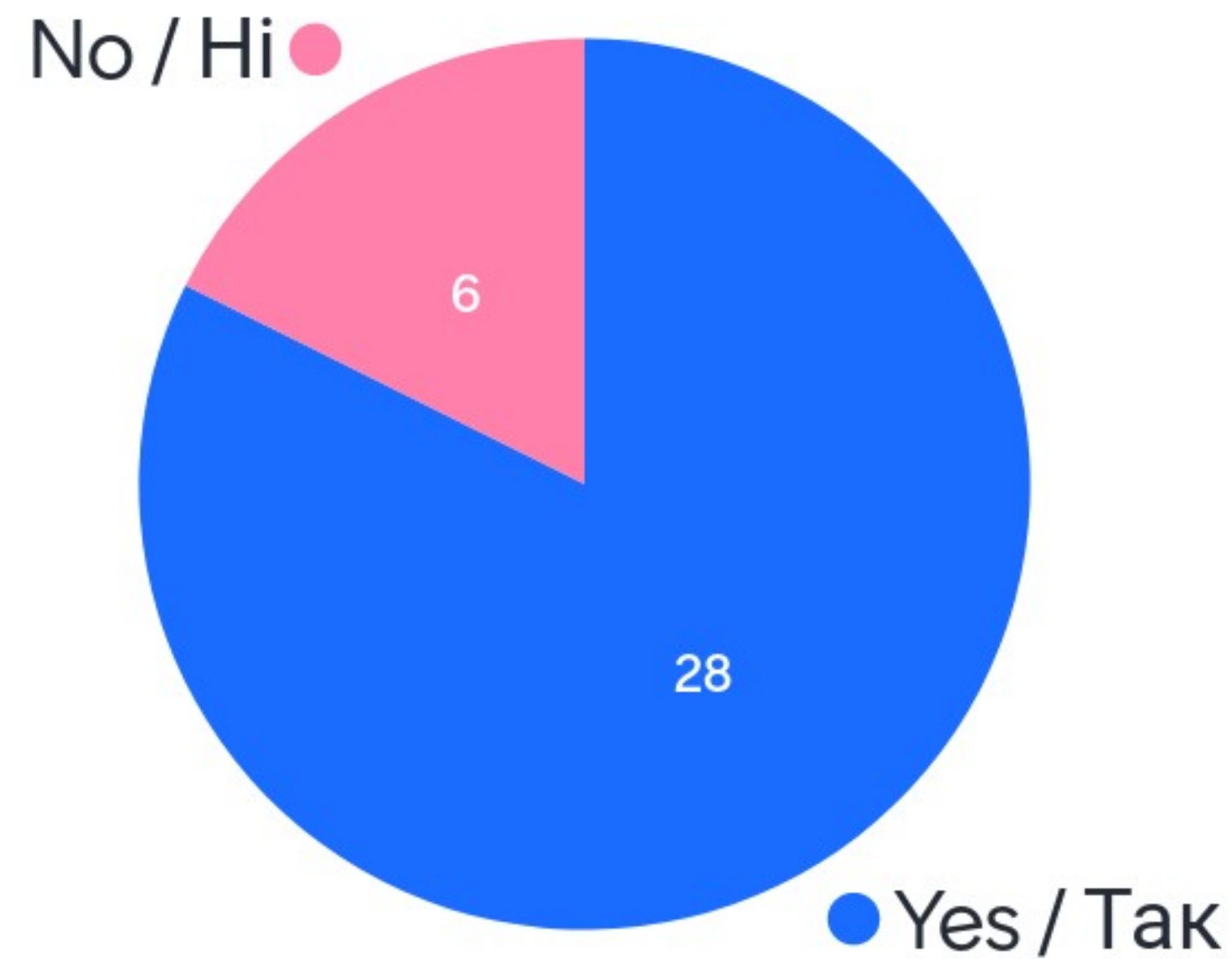
2. Does the scope of the "Turning the tide of pollution" report activities reflect on the main gaps that need to be addressed?



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?



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.

Harmonisation with EU Marine Strategy Framework Directive and Water Framework Directive

Emblas

4a. If yes, what are the projects that overlap in your view?

EMBLAS PLUS (complementarity more than overlap and BSCSEA

Too complicated to answer

Anemone

Black sea connect

Local and regional programs on pollution prevention in Odessa region

Black Sea Connect

EUWI+ project dealing with RBMP preparation

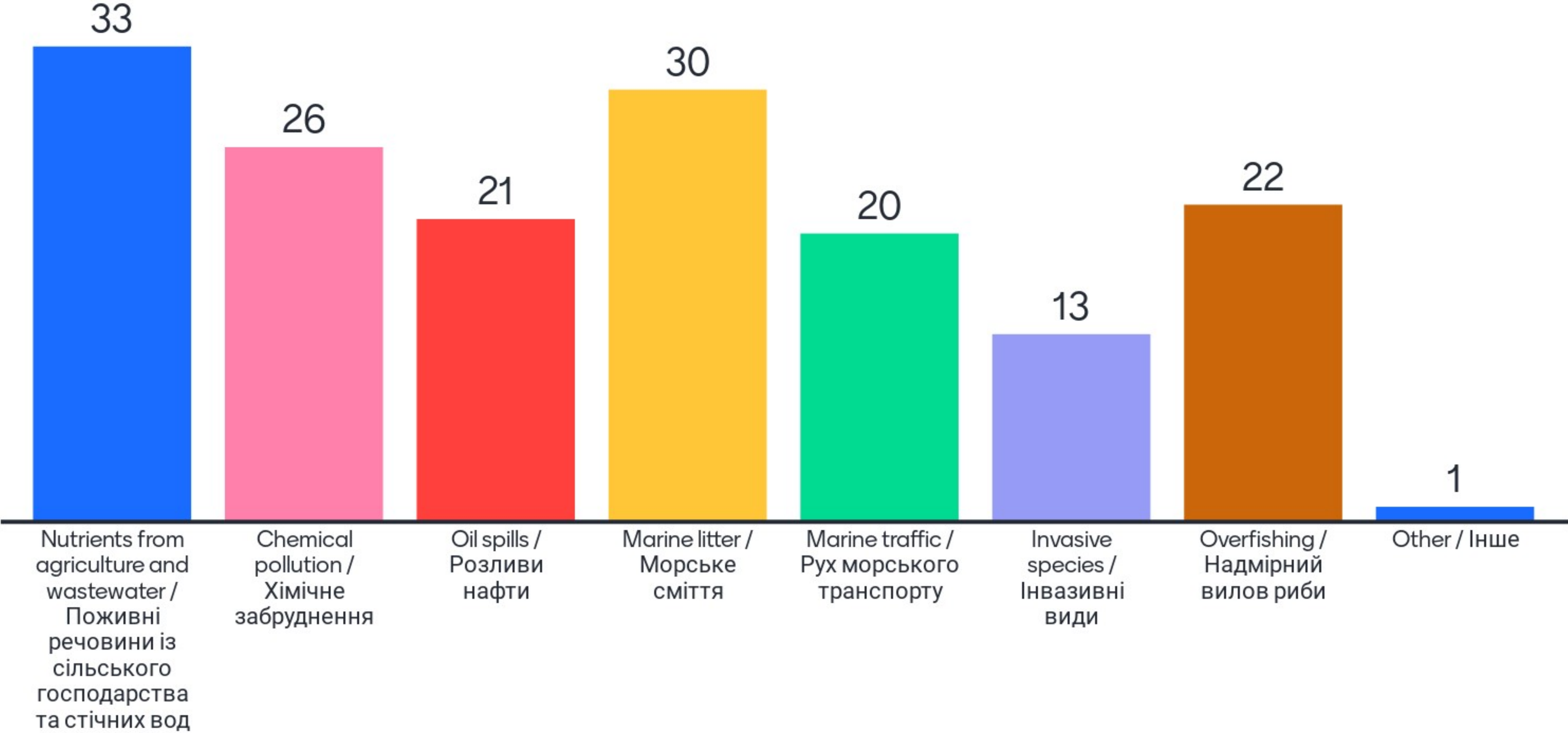
ZeroWaste, national fundamental projects

not overlapping, but compliment Towards INMS

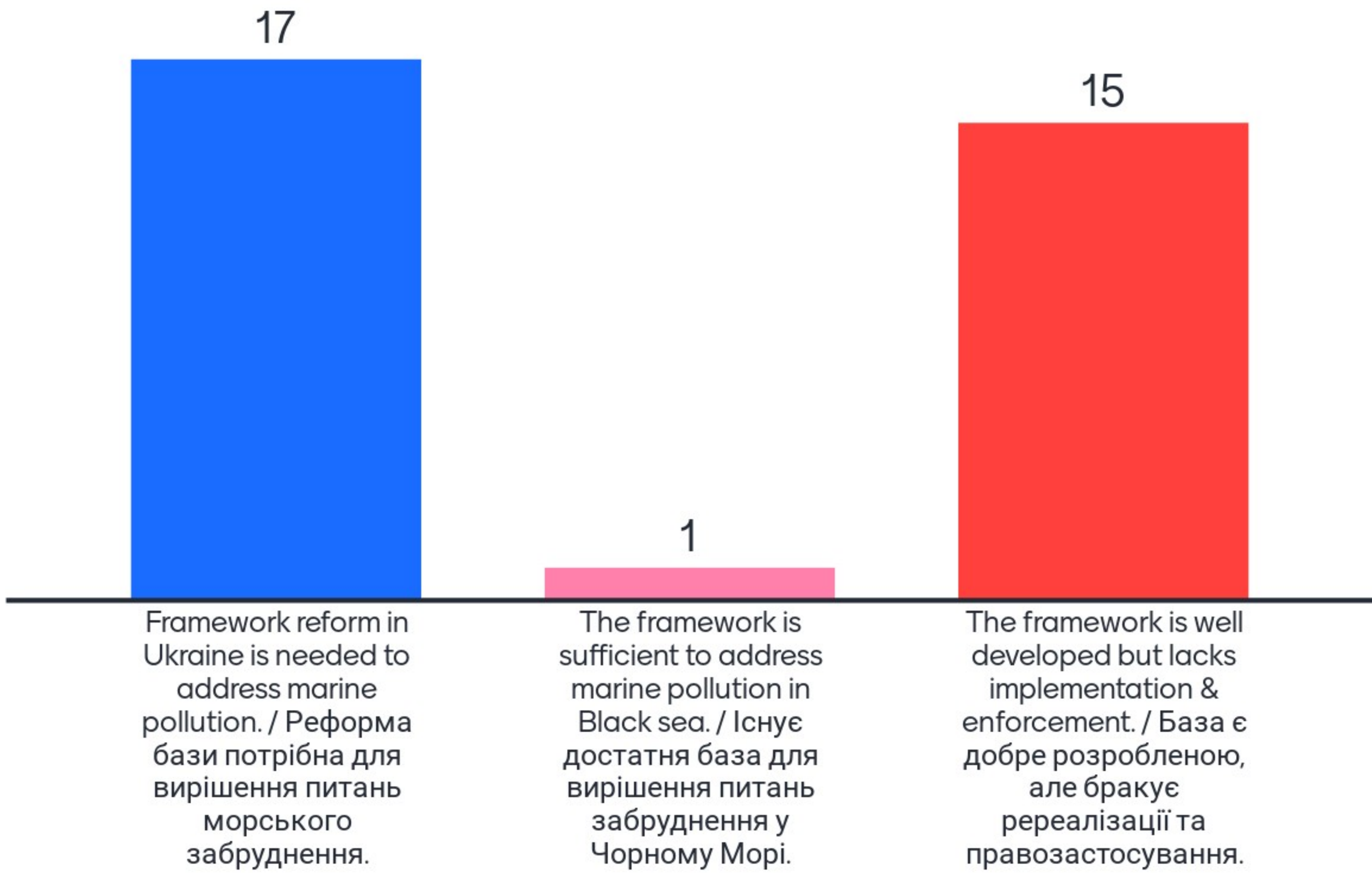
4a. If yes, what are the projects that overlap in your view?

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?



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 succesful 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

Відновлення науково-дослідних інфраструктур і науково-дослідного флоту

Research funds are required to estimate impacts of possible measures/ actions to the environment

economic justification of recovery

Awareness building

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 kanalizazion reparation

Best practices, expert

Funding the research and development projects

Facilitate to settle national financing in projects implication.

funding

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



**BLUEING
THE
BLACK SEA**

Working session 2

BBSEA GEF Project, Focus on Ukraine

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





FOR THE BLACK SEA

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.



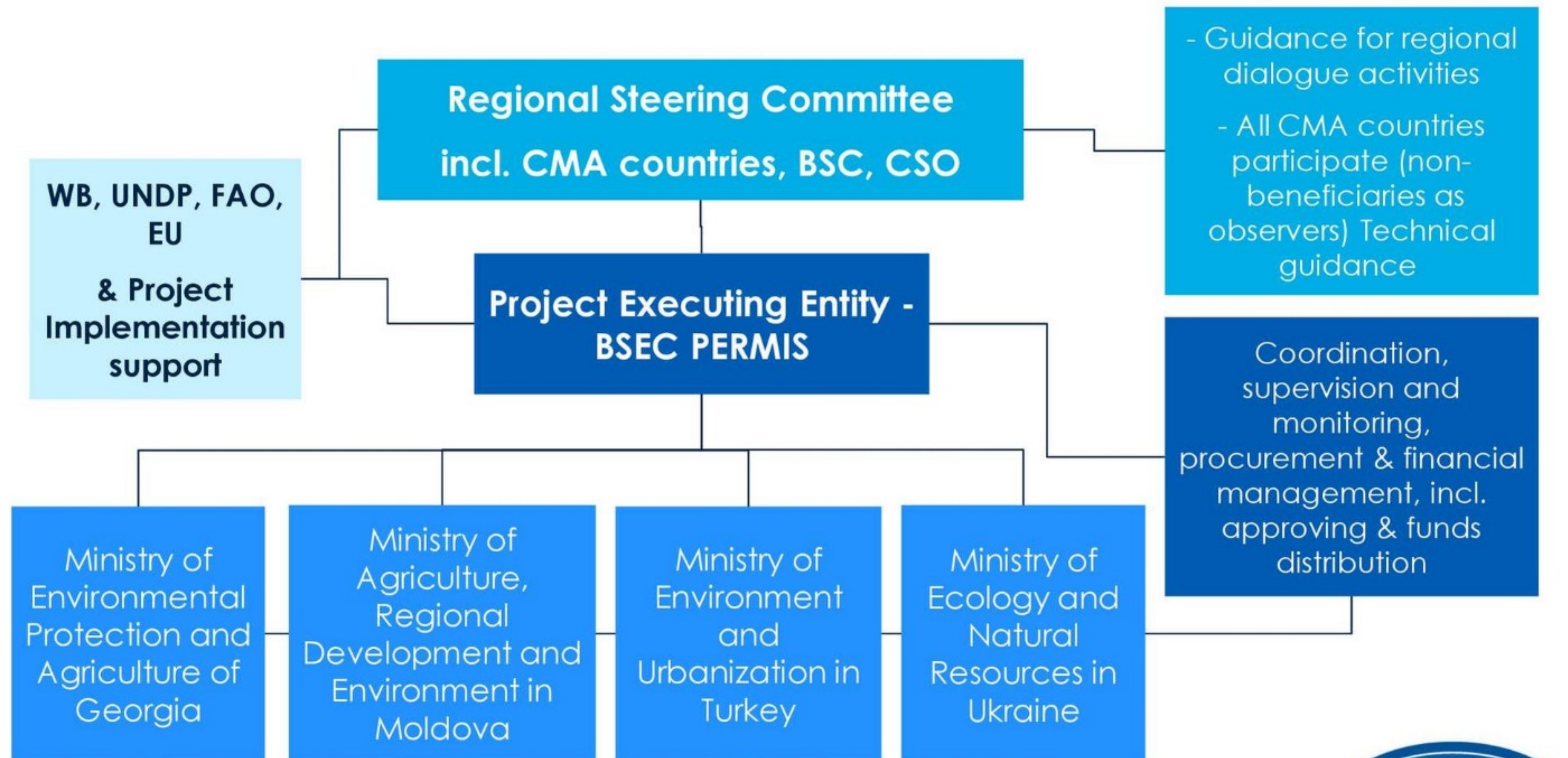
Activities (primarily) at national level

- 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.*

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



BBSEA GEF Project: Possible implementation arrangements



BBSEA GEF Project Timeline



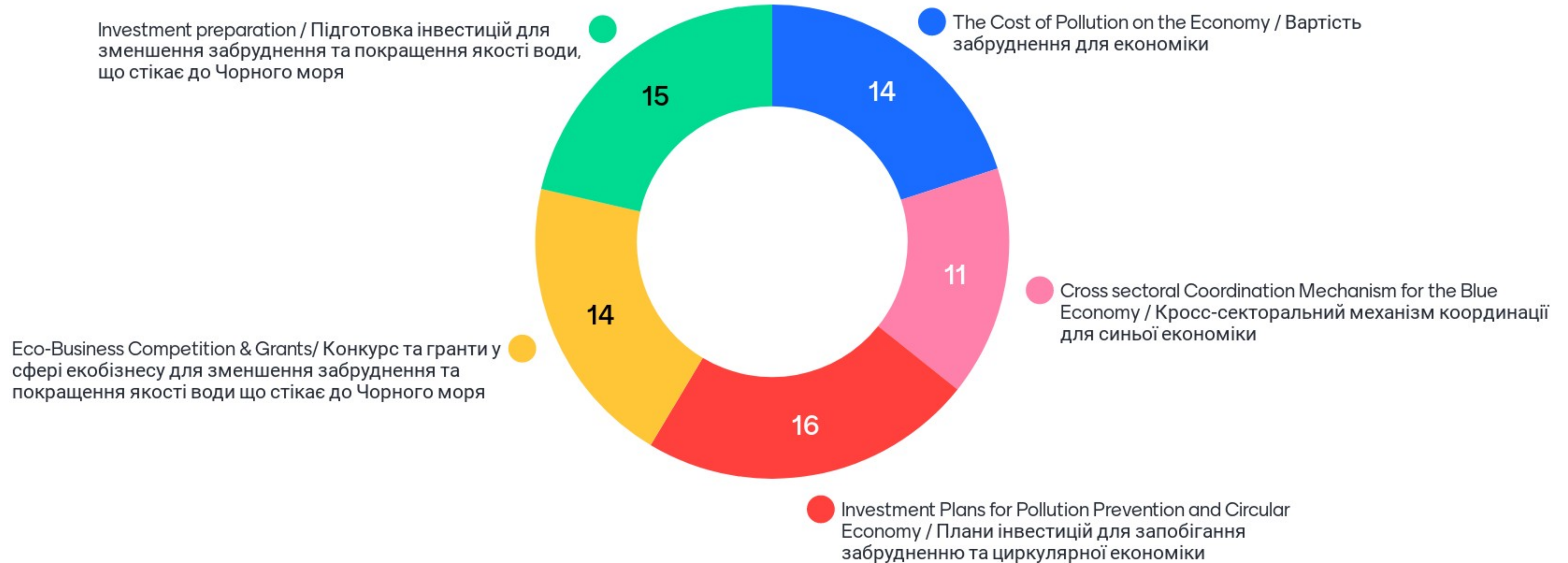
LIVE SURVEY / Опитування в прямому ефірі

YOUR VOICE MATTERS!

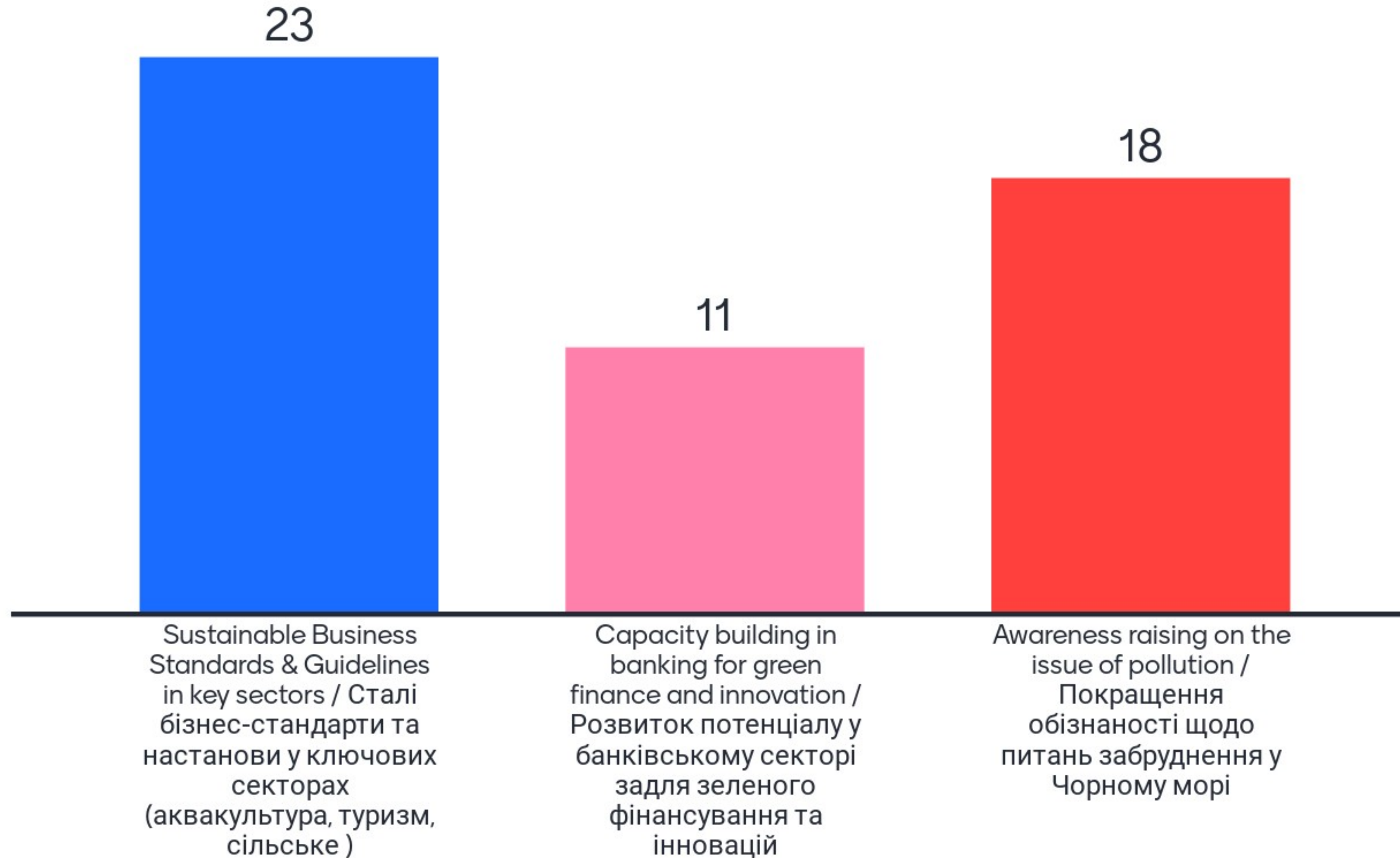
Ваша думка має значення!



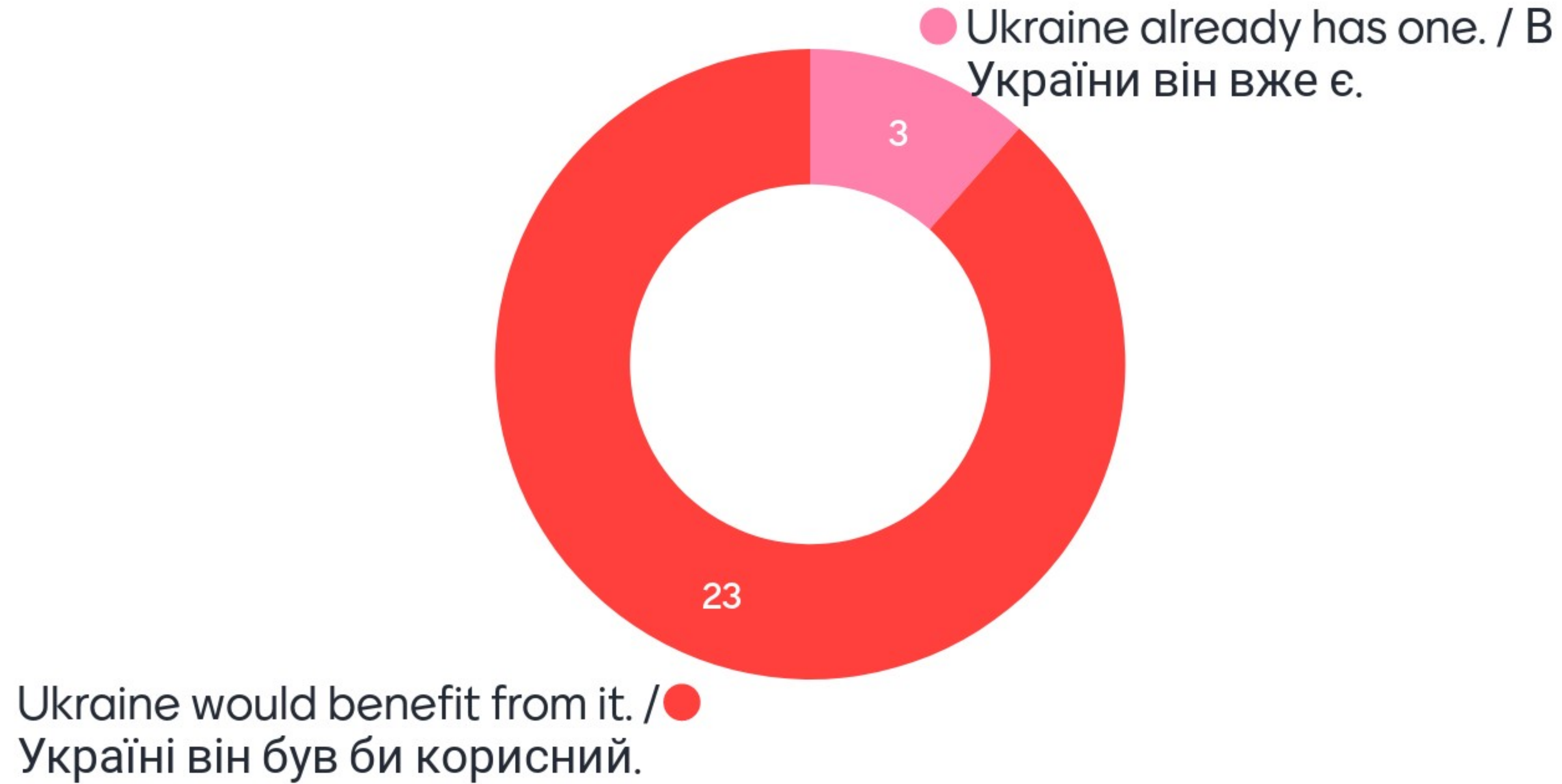
1. Select the topmost important national level activities for Ukraine.



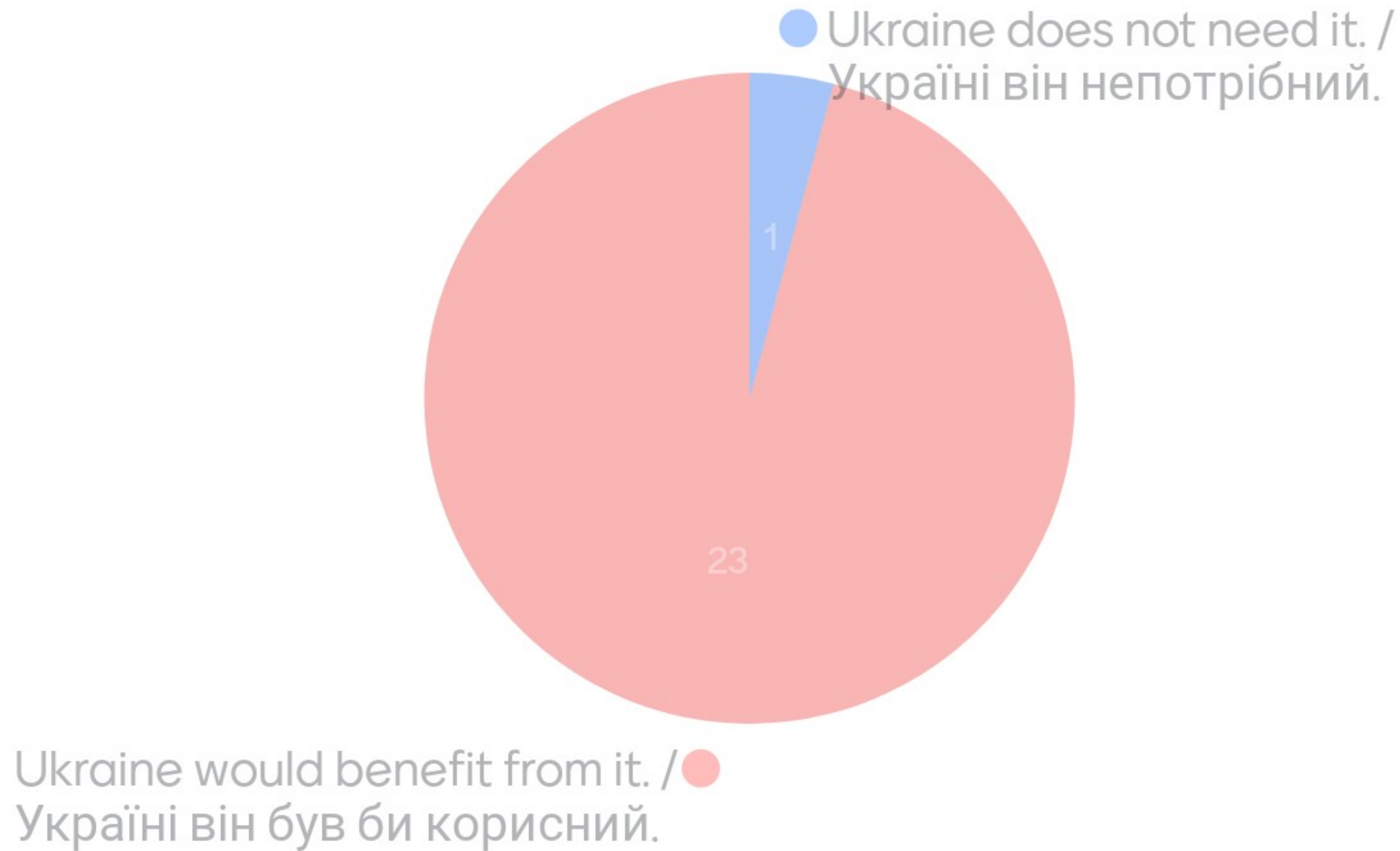
2. Select the topmost important regional level activities for Ukraine.



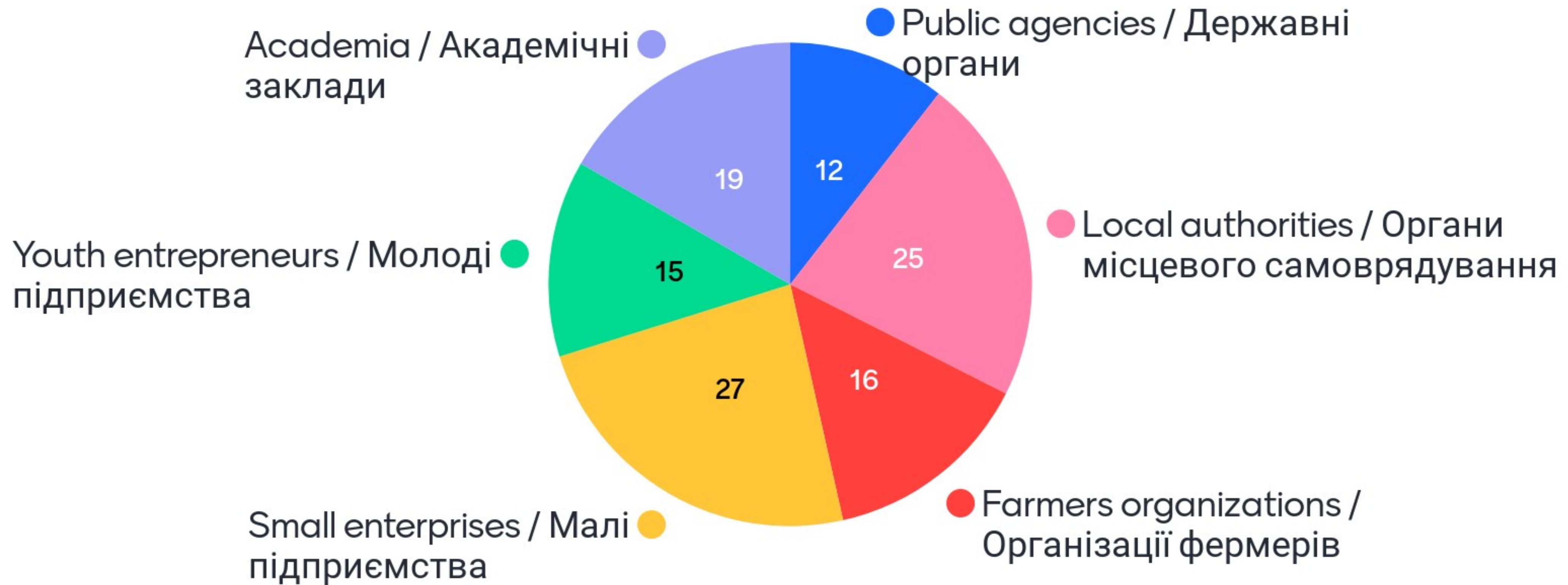
3. Does Ukraine need/have an investment Plan for Pollution Prevention?



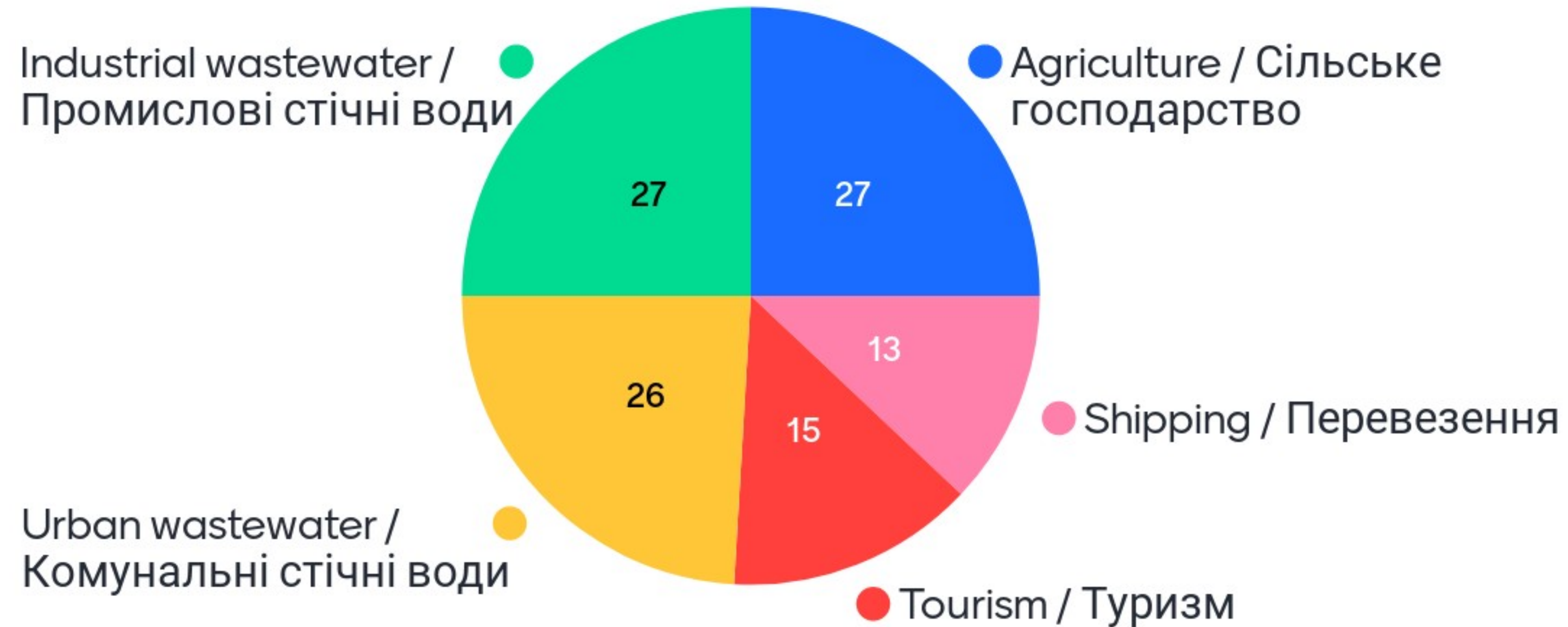
4. Does Ukraine need/have an investment plan for Circular Economy?



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?



7. Do you know other eco-business grant competition programs dedicated to reducing pollution? If yes, which one do you have in mind?

no

no

no

No

Black Sea CBC

No

I do not know

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-Ukraine Interreg

Not familiar for me sphere

Green Deal

No

CBC

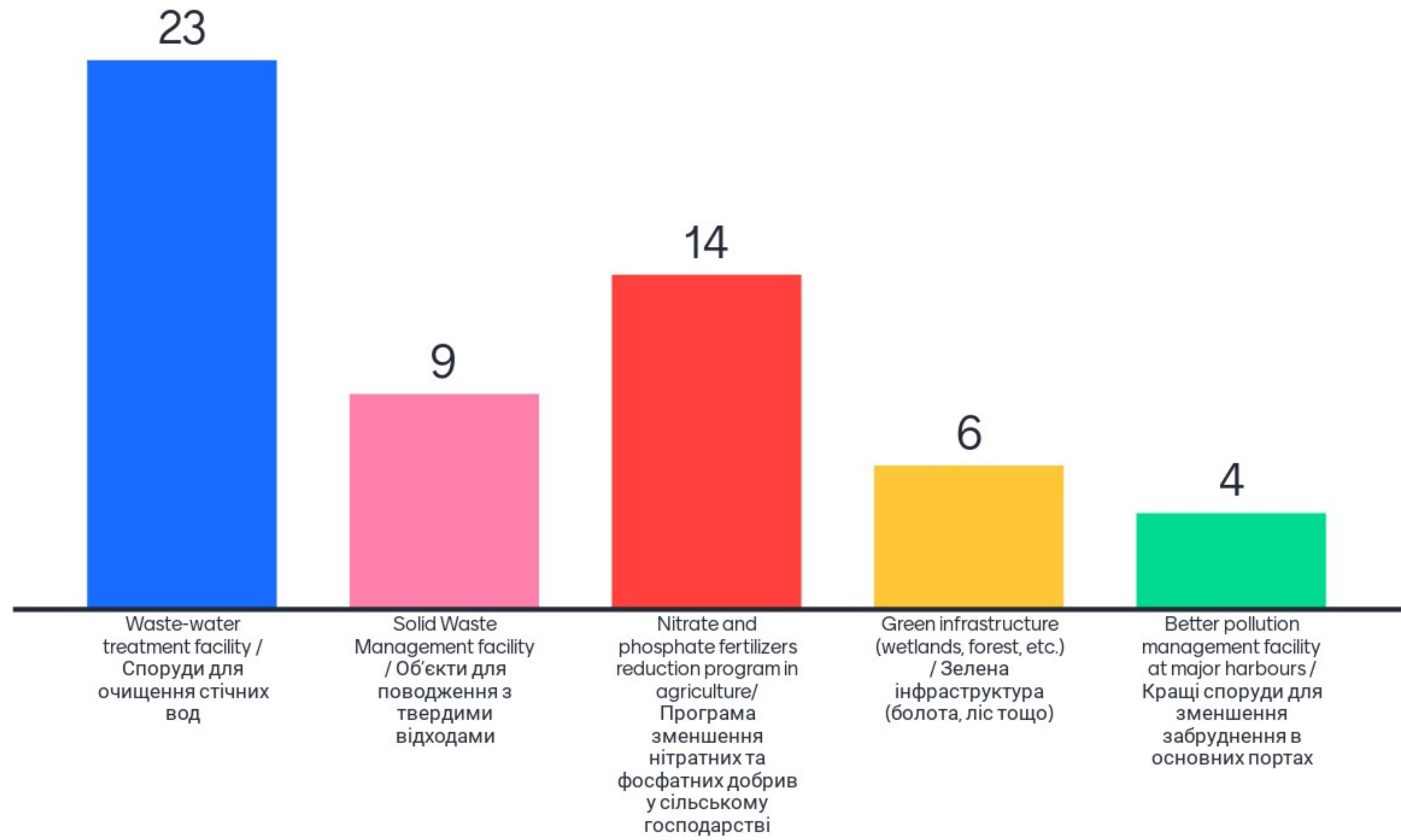
Emblas had such competition. Also there are many NGO in Ukraine, working with this topic

7. Do you know other eco-business grant competition programs dedicated to reducing pollution? If yes, which one do you have in mind?

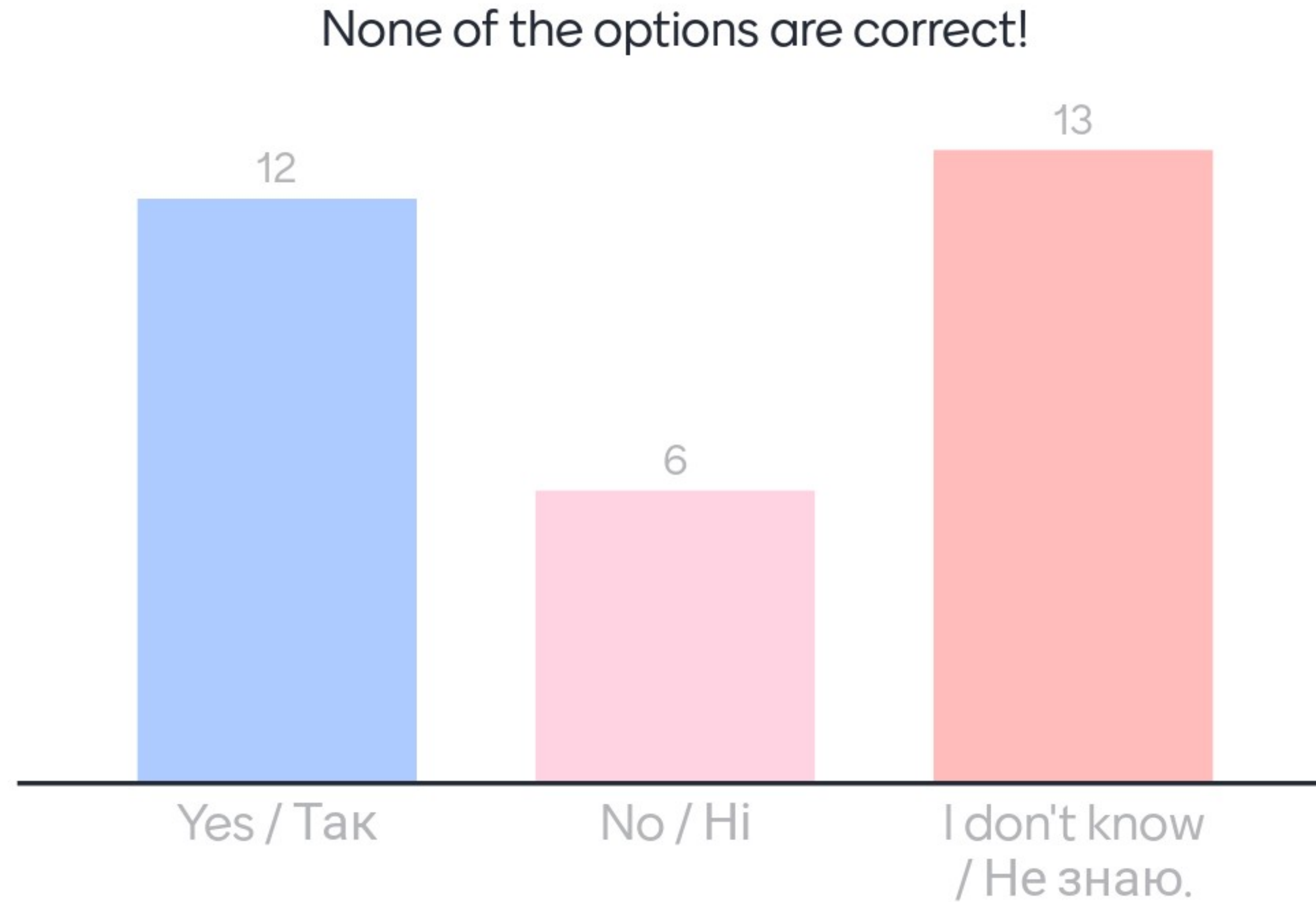
life

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?



9. Are there any particular standards and/or procurement rules for sustainable business operations and investments in Ukraine?



9a. If there are such standards and/or procurement rules, which ones do you have in mind?

do not know	no	No
do not know	Prohibition to built on the sea shore	OBHC
OP	International rules	no

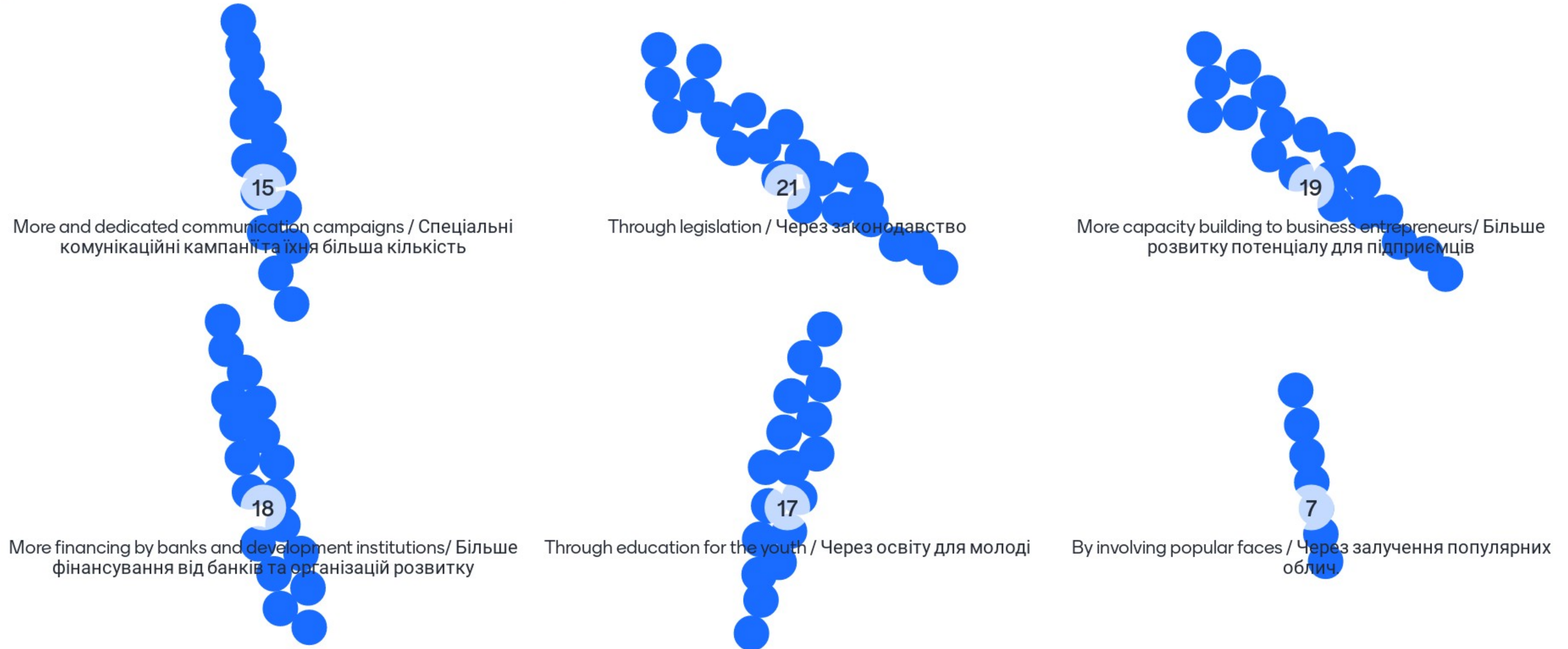
9a. If there are such standards and/or procurement rules, which ones do you have in mind?

no

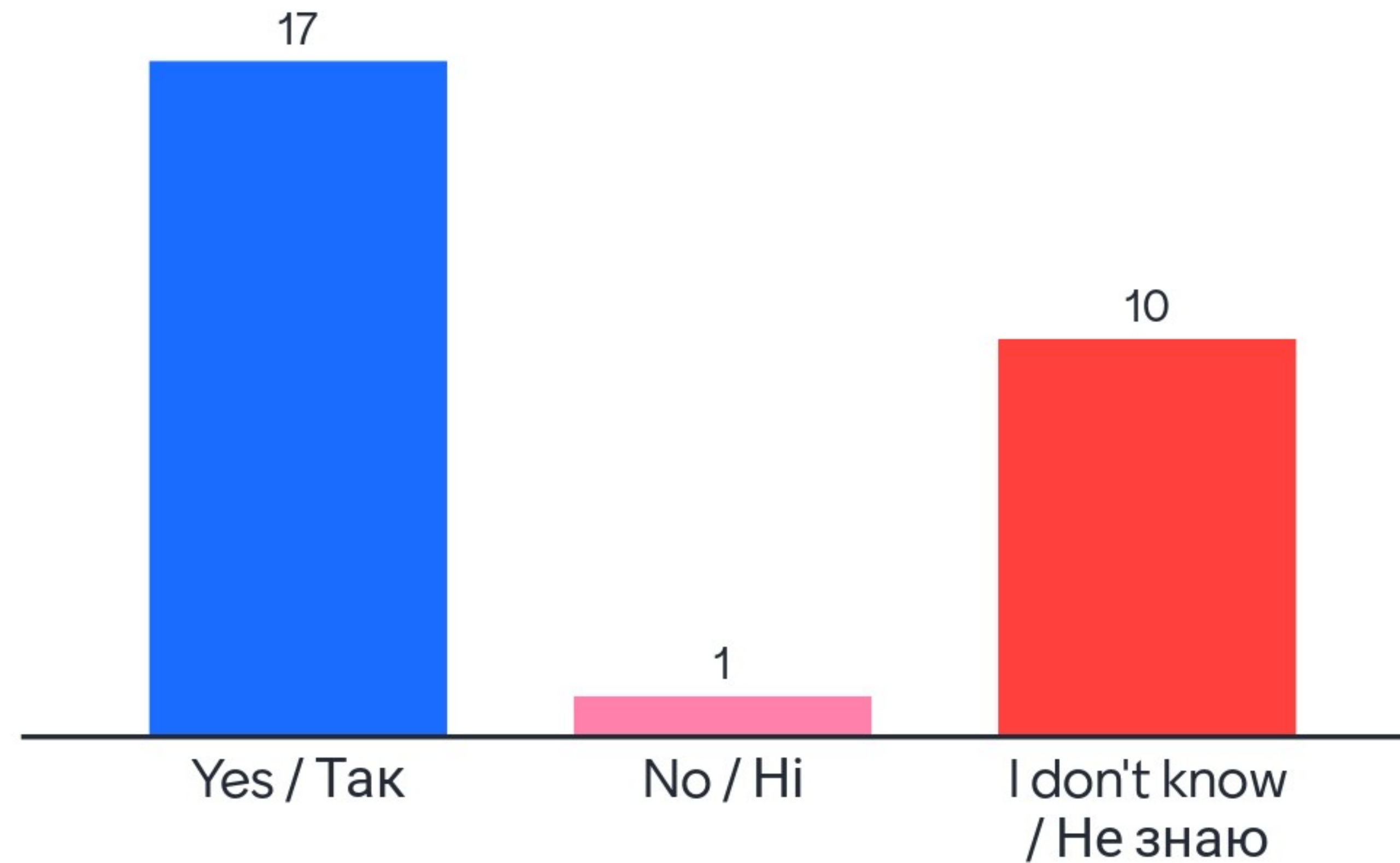
Национальны

I'd know this in advance

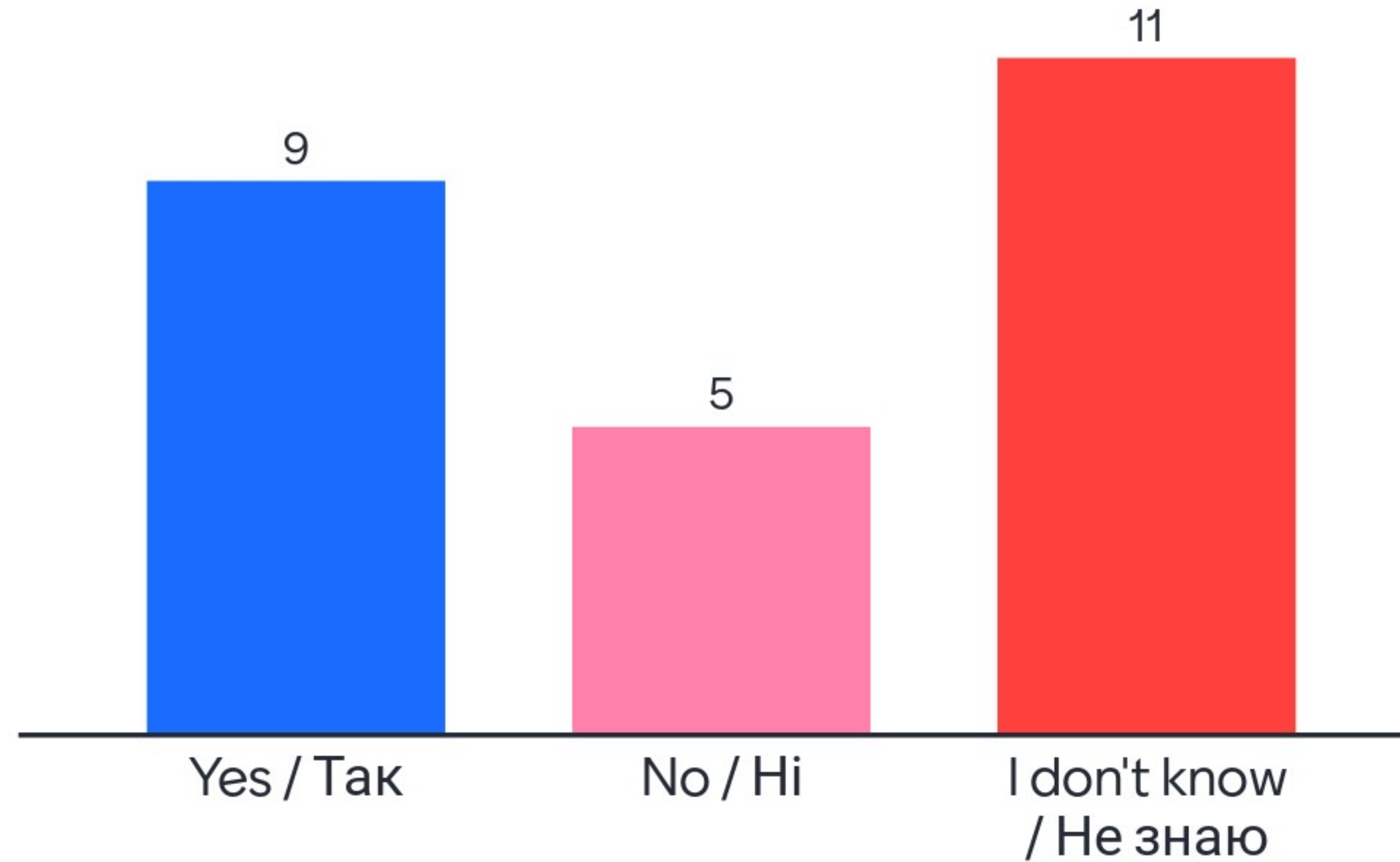
10. What do you consider a good way to support/promote sustainable business practices and innovation towards pollution reduction?



11. Are there any institutions, at national or regional levels, that promote investments in green tech or circular economy models?



12. Are there any financial institutions/equity funds in Ukraine that target & support companies that develop solutions for pollution problems?



12a. If there are such institutions or funds, please specify which you have in mind.

EIB

-

BSTDB

CIG

USAID

BSTDB

Horizon

Certain banks and foundations

European Investment Bank

12a. If there are such institutions or funds, please specify which you have in mind.

Horizon

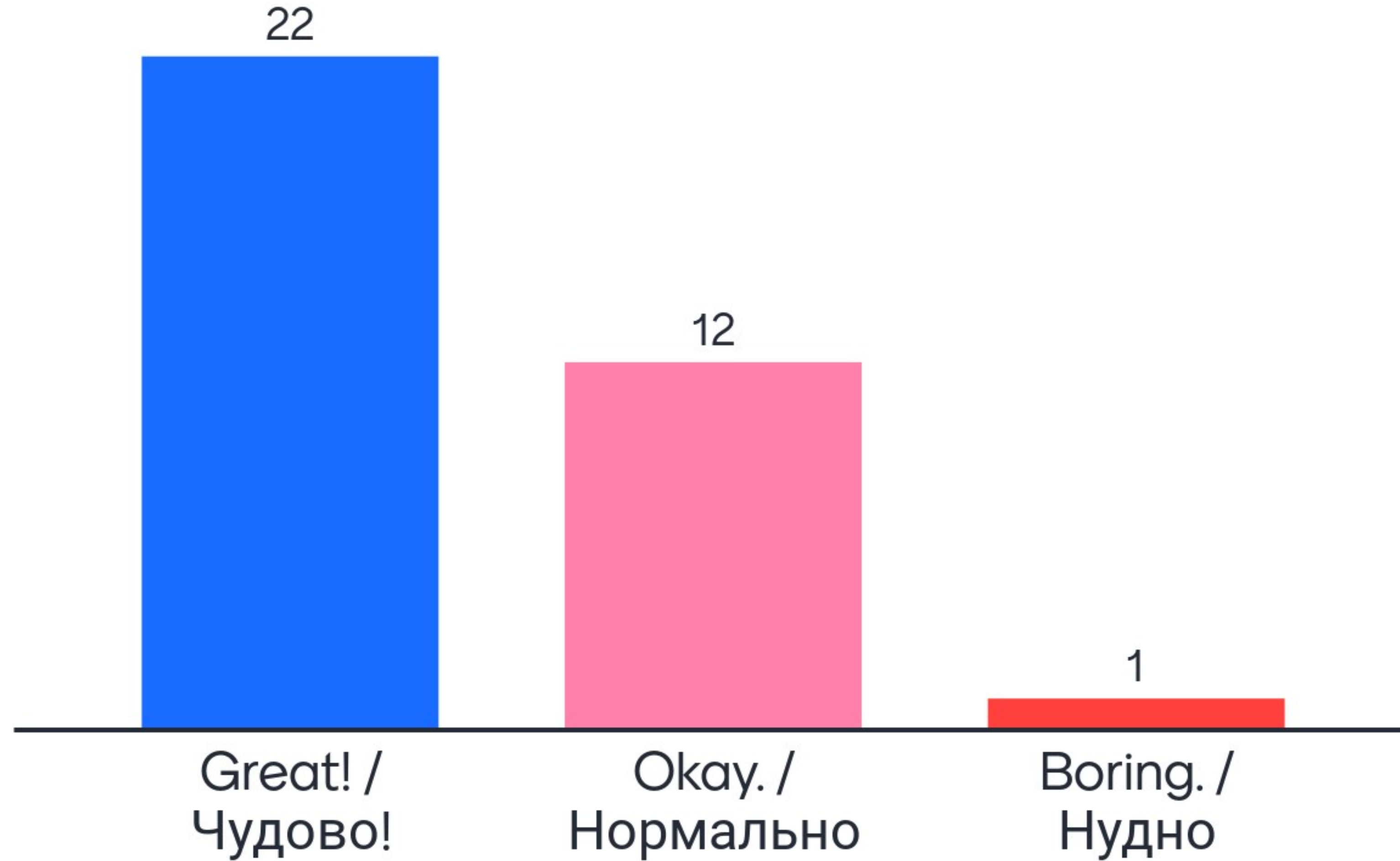
No idea

UkraineInvest

Ukraine invest

no

Please rate this Survey.



Thank you for your participation!

