Detect2Protect

Deliverable 5.1.

List of stakeholders with information on possible level of engagement

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31.12.2025

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Foreword

This report on stakeholders and their level of engagement was initially planned to be available close to the very start of the project period but was delayed due to various reasons, including the delay in the overall Biodiversa+ Call 2021 projects' mid-term reporting. Subsequently, along with most other projects of the call, the "Detect2Protect" project was granted an extension.

Despite of the delay in the finalization of the report, stakeholder contacts and communications have been established in each partner country already a while ago and, as a culmination of the activities, a Baltic Sea stakeholder seminar arranged by the project has been scheduled to take place in May 2026.

Introduction

Effective stakeholder engagement is a key component of WP5 of the Detect2Protect (D2P) project "New approaches in determining the impacts of chemical pollution to protect the biodiversity of the Baltic Sea" and a prerequisite for ensuring the societal relevance, legitimacy, and impact of the project outcomes. In line with the principles outlined in the *BiodivERsA Stakeholder Engagement Handbook*, stakeholders are defined as individuals or organizations that may influence, or be influenced by, the project and its results.

Deliverable 5.1 presents a comprehensive and structured overview of stakeholders identified across the project consortium. The lists of relevant national stakeholders contacted by D2P partners have been compiled by WP5 Lead Partner IO PAN and consolidated into a common stakeholder database. It includes stakeholders operating at local, national, and international scales**,** representing a broad range of stakeholder types such as government departments and organizations, NGOs, business and industry, local communities**,** scientists and researchers and policy-related bodies. For each stakeholder, information is provided on the type of organization**,** scale of operation**,** and anticipated level of engagement. Levels of engagement are defined following a widely recognized framework ranging from "inform", "consult", "involve", "collaborate". As recommended by best practice guidelines, not all stakeholders are engaged at the same level; instead, the level of engagement reflects the stakeholder's role, interest, capacity, and relevance to the specific project objectives. To ensure consistency, categorical definitions were harmonized across partners while preserving the original classifications provided in the database. Aggregated analyses were used to describe the overall stakeholder landscape whereas the full list of stakeholders and their country affiliation is provided in the Appendix 1. This structured approach ensures transparency, reproducibility, and alignment with recognized best practices for stakeholder engagement in research projects.

The stakeholder mapping related to biodiversity and ecosystem services demonstrates that the majority of stakeholders are engaged at the informative level, ensuring broad dissemination of project activities and results, while a smaller and strategically selected group is involved or consulted more actively to support knowledge exchange, co-learning, and targeted input into project activities. This differentiated approach allows the project to balance wide outreach with effective and resource-efficient engagement.

Deliverable 5.1 serves as a living reference document for WP5, supporting the planning, implementation, and evaluation of stakeholder engagement activities throughout the project lifecycle. It provides a transparent basis for monitoring engagement efforts and contributes to strengthening the science–policy and science–society interface addressed by the project.

List of stakeholders with information on possible level of engagement

The identification and mapping of stakeholders constitute a core element of WP5 and provide the foundation for structured and effective stakeholder engagement throughout the project. The stakeholder list was compiled collaboratively by all partners and consolidated into a joint database. Following data validation and updates by the partners, all stakeholders are now consistently assigned to the relevant countries and partners. The final list includes 116 stakeholders, representing a wide spectrum of organizational types and operating at different spatial scales. Stakeholders were identified at local, national, and international levels**,** ensuring comprehensive coverage of government departments, NGOs, business and industry, local communities, scientists and research, educators,

international policy- makers/advisors. Stakeholders were classified according to their country and type of organization, enabling an assessment of both the geographical distribution and the functional diversity of the stakeholder landscape. This structured overview provides a transparent basis for planning appropriate and differentiated engagement activities within WP5.

2.1 Stakeholders grouped by country and type of stakeholder organization

Table 1 highlights both the diversity and balance of stakeholder representation across the project countries and presents an overview of stakeholders grouped by country and type of stakeholder organization. Across all countries, government departments constitute the largest stakeholder group, accounting for the highest overall share of identified stakeholders. This reflects the strong relevance of the project to policy development, environmental governance, and public-sector decision-making processes. The second largest group is business and industry**,** followed closely by non-governmental organizations (NGOs)**.** The substantial representation of these groups indicates a clear emphasis on practical implementation, stakeholder-driven knowledge exchange, and the inclusion of civil society perspectives. Local communities represent a significant share of stakeholders, particularly in Lithuania and Finland, highlighting the importance of place-based knowledge and local-level impacts within the project. Scientists and research organizations form a smaller but essential group, supporting the integration of scientific expertise beyond the core project consortium.

From a geographical perspective, Finland and Lithuania account for the largest number of contacted stakeholders, reflecting a broad national engagement effort led by these partners. Latvia, Poland, Estonia, and Sweden contribute more targeted stakeholder groups. Overall, the distribution shown in Table 1 demonstrates a balanced and multi-actor stakeholder portfolio, encompassing policy, practice, science, industry, and civil society. This diversity provides a strong basis for differentiated stakeholder engagement approaches, aligned with the roles, interests, and capacities of different stakeholder groups.

Tab.1. Stakeholders by country and type of stakeholder organization

Country	Government departments	NGOs	Business and industry	Local communities	Scientists and researchers	International policy-makers / advisors	Educators	Total
Finland	5	13	16	10	3	1	0	48
Lithuania	10	6	9	9	4	0	1	39
Latvia	6	2	3	0	1	0	0	12
Poland	3	3	1	0	2	0	0	9
Estonia	3	1	0	0	1	0	0	5
Sweden	2	0	0	0	0	1	0	3
TOTAL	29	25	29	19	11	2	1	116

2.2 Stakeholders grouped by operational scale

Stakeholders were classified according to three operational scales using the numerical coding applied in the stakeholder database (local, national, international). The majority of stakeholders operate at the local level (57.8%), followed by national-level stakeholders (31.0%). A smaller proportion of stakeholders (11.2%) operate at the international level, supporting transnational exchange and alignment with broader European and international initiatives.

Scale of operation	N	%
Local	67	57.8%
National	36	31.0%
International	13	11.2%
TOTAL	116	100%

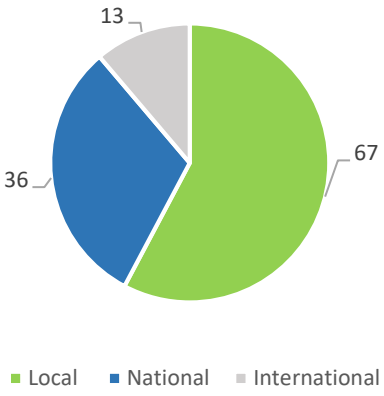

Fig. 1 Distribution of stakeholders by operational scale

2.3 Stakeholders grouped by level of engagement

Stakeholder engagement is predominantly conducted at the informative level, which accounts for 89.7% of all stakeholders. This reflects a strategy focused on broad dissemination of project activities and results. A smaller group of stakeholders is engaged more actively, with 6.9% involved in project activities, while 3.4% of stakeholders participate through consultation or collaboration. This differentiated engagement approach allows for wide outreach combined with targeted interaction where deeper stakeholder input is required.

Level of engagement	N	%
Inform	104	89.7%
Involve	8	6.9%
Consult	2	1.7%
Collaborate	2	1.7%
TOTAL	116	100%

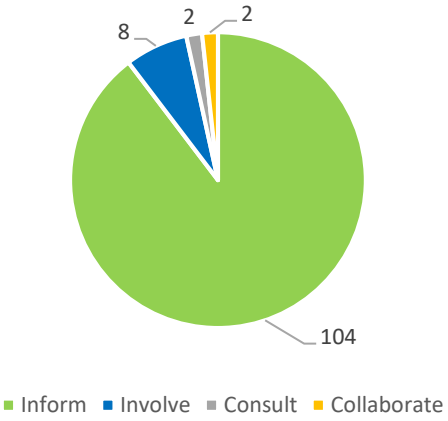

Fig. 2 Distribution of stakeholders grouped by engagement

Conclusions

Deliverable 5.1 provides a comprehensive overview of the stakeholder landscape relevant to the project and establishes a structured basis for stakeholder engagement activities within WP5. A total of 116 stakeholders were identified across the project countries, representing a diverse range of organizational types and operating at local, national, and international levels.

The stakeholder mapping demonstrates a strong local and national orientation, with the majority of stakeholders operating at the local level, complemented by substantial engagement at the national level and targeted involvement of international actors. This distribution reflects the place-based nature of the project while ensuring alignment with broader policy and governance frameworks.

In terms of stakeholder composition, government departments constitute the largest stakeholder group, followed by business and industry and non-governmental organizations. The significant presence of local communities highlights the importance of local knowledge and community-level engagement, while the involvement of scientists and researchers strengthens the scientific foundation of stakeholder interactions. A small number of stakeholders representing international policymakers/advisors and educational institutions further enhances the policy relevance and outreach potential of the project.

Stakeholder engagement is predominantly conducted at the informative level, ensuring wide dissemination of project objectives, activities, and results (mostly by sending newsletters). At the same time, a smaller and strategically selected group of stakeholders is engaged more actively through involvement**,** consultation, and collaboration, enabling targeted knowledge exchange and input into project activities. This differentiated engagement approach is consistent with recognized best practices and allows for efficient allocation of resources while maximizing impact.

Overall, the stakeholder mapping confirms that the project is supported by a balanced and multi-actor stakeholder portfolio, encompassing policy, practice, science, industry, and civil society. The results presented in this deliverable provide a solid foundation for the continued implementation and monitoring of stakeholder engagement activities in WP5 and contribute to strengthening the science–policy–society interface addressed by the project.

Appendix 1. List of stakeholders

	Stakeholder name	Country
1	AFRY	Finland
2	Aalto University	Finland
3	Association for fish farming in Finland	Finland
4	Association of Professional Fisheries	Finland
5	Baltic Marine Environment Protection Commission (HELCOM)	Finland
6	Baltic Sea Action Group (BSAG)	Finland
7	Centre for Economic Development, Transport and the Environment - Etelä-Pohjanmaa	Finland
8	Centre for Economic Development, Transport and the Environment - Kaakkois-Suomi	Finland
9	Centre for Economic Development, Transport and the Environment - Uusimaa	Finland
10	Centre for Economic Development, Transport and the Environment - Varsinais-Suomi	Finland
11	City of Espoo	Finland
12	City of Helsinki	Finland
13	City of Pori	Finland
14	City of Turku	Finland
15	City of Vaasa	Finland
16	Envineer	Finland
17	Federation of Finnish Fisheries Associations	Finland
18	Finnish Consulting Group	Finland
19	Finnish Food Safety Authority	Finland
20	Finnish Forest Industries	Finland
21	Finnish Plastics Industries Federation	Finland
22	Finnish Port Operators Association	Finland
23	Finnish Safety and Chemicals Agency	Finland
24	Fish and Water Research Ltd	Finland
25	Forest Government (inofficial)	Finland
26	Helsinki Region Environmental Services HSY	Finland
27	Helsinki Shipyard	Finland
28	Ministry of Agriculture and Forestry	Finland
29	Ministry of the Environment, Finland	Finland
30	Natural Resources Institute Finland	Finland
31	Neste Oil	Finland
32	Niemeläinen Oy	Finland
33	Oulu	Finland
34	Pharma Industry Finland	Finland
35	Port of Helsinki	Finland
36	Port of Turku	Finland
37	Ramboll	Finland
38	Suomen Vesiensuojelun Keskusliitto ry	Finland
39	Technical Research Centre of Finland	Finland
40	The Chemical Industry Federation of Finland	Finland
41	The Finnish Cosmetic and Hygiene Industry Association	Finland
42	Turku Region Wastewater Treatment (inofficial English name)	Finland
43	Turku Repair Yard	Finland
44	Turku Shipyard / Meyer Turku	Finland
45	UPM-Kymmene Oyj	Finland

46	WWF Finland	Finland
47	Water Protection Association of the River Vantaa and Helsinki Region	Finland
48	Water and Environment Association of the River Kymi	Finland
49	Gothenburg Global Biodiversity Centre, Sweden	Sweden
50	Swedish Agency for Marin and Water Management	Sweden
51	Swedish Environmental Protection Agency	Sweden
52	Estonia Environment Agency	Estonia
53	Estonian Environmental Board	Estonia
54	Estonian Fund for Nature (ELF)	Estonia
55	Estonian Ministry of Climate, Estonia	Estonia
56	University of Tartu, Institute of Ecology and Earth Sciences	Estonia
57	Association of Latvia water supply and sewerage companies	Latvia
58	Baltic Environmental Forum Latvia	Latvia
59	Institute of Food Safety, Animal Health and Environment	Latvia
60	Ministry of Agriculture	Latvia
61	Ministry of Climate and Energetics	Latvia
62	Ministry of Climate and Energy, Latvia	Latvia
63	Nature Conservation Agency Republic of Latvia	Latvia
64	Port of Liepaja	Latvia
65	Port of Riga	Latvia
66	Port of Ventspils	Latvia
67	SLLC “Latvian Environment, Geology and Meteorology Centre”	Latvia
68	State Environmental Service	Latvia
69	Environmental Monitoring Department at Chief Inspectorate for Environmental Protection, Poland	Poland
70	Gdansk Water Foundation , Gdańsk, Poland	Poland
71	Gdynia City Hall, Gdynia, Poland	Poland
72	Institute of Meteorology and Water Management/Maritime Branch Research	Poland
73	Mare Foundation, Sopot, Poland	Poland
74	Port Gdynia	Poland
75	Race for the Baltic	Poland
76	Sopot City Hall, Sopot, Poland	Poland
77	University of Gdańsk, Faculty of Oceanography and Geography, Gdynia, Poland	Poland
78	AB Orlen Lietuva (Būtingė oil terminal)	Lithuania
79	Association of Local Authorities in Lithuania	Lithuania
80	Baltic Environmental Forum Lithuania	Lithuania
81	Container terminal "Klaipėdos Smelte"	Lithuania
82	Container terminal UAB „Kamineros krovinių terminalas“	Lithuania
83	Environmental Project Management Agency (EPMA)	Lithuania
84	Fisheries Service under the Ministry of Agriculture of the Republic of Lithuania	Lithuania
85	Gamtos paveldo fondas	Lithuania
86	Grigeo Group AB	Lithuania
87	KN Energies	Lithuania
88	Kalipėda Region Municipality	Lithuania
89	Klaipeda Container Terminal	Lithuania
90	Klaipeda Municipality	Lithuania
91	Klaipeda Port	Lithuania
92	Klaipeda stevedoring company BEGA	Lithuania

93	Klaipėda University	Lithuania
94	Klaipėdos paplūdiniai	Lithuania
95	Kretinga Municipality	Lithuania
96	Lietuvos energetikos agentura	Lithuania
97	Lithuanian Geological Survey under Ministry of Environment	Lithuania
98	Lithuanian Ornithological Society	Lithuania
99	Lithuanian Sea Museum	Lithuania
100	Lithuanian Transport Safety Administration (INCLUDING Lithuanian Maritime Safety Administration)	Lithuania
101	Ministry of Environment of the Republic of Lithuania, Lithuania	Lithuania
102	Neringa Municipality	Lithuania
103	Palanga Municipality	Lithuania
104	Skuodas Municipality	Lithuania
105	State Food and Veterinary Service	Lithuania
106	The Centre for Environmental Policy	Lithuania
107	The Environmental Protection Agency	Lithuania
108	The Environmental Protection Department under the Ministry of Environment	Lithuania
109	The Lithuanian Fund for Nature	Lithuania
110	The Lithuanian Wind Power Association	Lithuania
111	The State Service for Protected Areas under the Ministry of Environment	Lithuania
112	The Western Shipyard Group	Lithuania
113	Vilnius Gediminas technical university (VILNIUS TECH)	Lithuania
114	Vilnius University Life Sciences Center	Lithuania
115	Vytautas Magnus University	Lithuania
116	Šilute Municipality	Lithuania