

STAKEHOLDERS MAPPING – NEEDS & EXPECTATION – v1

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Executive Summary

This deliverable describes the GSEU Stakeholder mapping activity and the approach that the coordination team will follow to ensure effective communication and collaboration with the identified stakeholders. In order to guarantee the success of the GSEU project, it is necessary to create and maintain regular dialogue with stakeholders, to collect their needs and expectations, and to incorporate their feedback into the project.

The stakeholder map has been created to:

- Identify institutions, groups and (commercial and non-profit) organisations that may be impacted by the project or could potentially influence it
- Prioritise the relevance of stakeholders in terms of interest/influence relationship
- Give input to the communication, dissemination and exploitation group to develop a stakeholder engagement plan
- Identify the strategies and mechanisms to maximise the greatest support from and to the stakeholders
- Analyse key stakeholders' needs and expectations as potential inputs for project implementation.

The stakeholder mapping activity has been carried out in coordination with the following Work Package (WP) leaders.

WP2	Critical Raw Materials, the International Centre of Excellence and United Nations Framework Classification (CRM-ICE-UNFC)
WP3	Geothermal Energy & Underground Storage Inventory
WP4	Appraisal, Protection & Sustainable use of Europe's Groundwater Resources
WP5	Coastal Vulnerability Assessment & Optimised Offshore Windfarm Siting
WP6	Geological Framework for the European Geological Data & Information System
WP9	Geological Surveys Network and Sustainable Services for Europe

Stakeholders have been defined at regional, national, European and international level and classified according to the following categories: public institutions, commercial entities, professional users (academia and consultants) and regular citizens.

At European level the main stakeholders are Directorate-Generals of the European Commission (EC DG's). Other European institutions and bodies such as European Commission - Joint Research Centre (EC-JRC) and European Environmental Agency (EEA), infrastructures such as European Plate Observing System (EPOS), European Marine Observation and Data Network (EMODnet) and Raw Materials Information System (RMIS), associations representing different industrial sectors or professional groups (e.g., European Association for Storage of Energy) and professional associations such as the European Federation of Geologists are just some examples of relevant GSEU stakeholders.

Through a first survey more than 400 stakeholders have been identified. Among them, 13 have been selected as key stakeholders, because of their unquestionable relevance to the project. Key-



stakeholders have been interviewed to collect their thoughts related to the expected results of the project and for a deeper understanding of their needs and expectations.

The information collected has been organised and categorised according to data, services, products and expectations.

The main results achieved are a better comprehension of stakeholder needs and expectations, and a clearer view of the engagement strategy to be carried out in the next steps for the project.

This document is considered a living document that will likely require updates as the project progresses and the stakeholders' needs are regularly reviewed and revised, in order to adapt the project's results to actual beneficiaries.

Abbreviations	
CSA	Coordination and support action
EC	European Commission
EC DG's	Directorate-Generals of the European Commission
EEA	European Environmental Agency
EC-JRC	European Commission - Joint Research Centre
EMODnet	European Marine Observation and Data Network
EPOS	European Plate Observing System
EU	European Union
H2020	Horizon 2020
RMIS	Raw Materials Information System
WP	Work Package

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1. Introduction

The main objective of the GSEU project is to establish a Geological Service for Europe, a point of entry into a permanent collaborative network among national and regional Geological Surveys. The long-term ambition is to provide European institutions, enterprises, and citizens with up-to-date, high-quality information, aggregated at the EU-level, and data/science-based advice on the subsurface (exploitation, sustainable management, etc).

In particular, the project aims to provide geological data and information on the potential contribution of the subsurface to the need for critical raw materials (CRM), sustainable geoEnergy, storage of sustainable energy carriers and provision of locations for the safe installation of offshore wind parks, while safeguarding the environment including groundwater and coastal environments. Realising these aims relies on many other factors, both technological and societal (for example societal push-back against different subsurface uses).

The specific GSEU objectives are:

- To develop pan-European harmonised data and information services
- To develop the infrastructure to permanently provide access to and disseminate the data and information services developed and aimed at a wide range of stakeholders
- To further strengthen the network of national and regional Geological Surveys and to develop a permanent structure, able to durably sustain Pan-European geological knowledge and services

To achieve these goals, the following elements are essential:

- High quality data, information and knowledge services, together with the provision of tools to find, access and use them, tailored to the needs of target groups of users
- These target groups must be properly engaged with, to build an active user community and create demand for these services, enhancing their sustainability
- Continued innovation is required to adapt products, tools and services to changing user needs

GSEU's Communication, Dissemination and Exploitation activities (Work Package 8) aims to facilitate internal and external communication of results and opportunities. Therefore, strong ties with stakeholders and user groups must be built and maintained, and geological products aligned to supply and demand. Effective stakeholder collaboration is crucial to maximise the impact of the project's results. In this document we present the identified types of stakeholders and the ways in which they are involved and will be kept engaged throughout the life of the project.

Each type of stakeholder will require a different type (and frequency) of engagement. The identified stakeholders have been mapped and categorised according to their characteristics, interests, attitudes, influence and relevant knowledge of the partnership and individual projects carried out within the partnership. Stakeholder engagement activities are diverse, ranging from social media for online communication, online consultations or in-person workshops, discussion round tables, conferences, and interviews.

In the coming sections, the criteria chosen to select the stakeholders, and identify those who are key stakeholders, together with the type of engagement chosen, will be presented. The final section will focus on the description of stakeholder needs and expectations.

The needs and expectations collected creates a starting point for developing a common vision and a sustainable structure for the Geological Service for Europe (to be developed in WP9).

2. Stakeholder Mapping

2.1. Stakeholders Categories Identification

In this section, the criteria for identifying and grouping potential stakeholders based on their type and relevance to the project are presented. These criteria rely on the analysis of stakeholder interests, involvement, interdependencies, influence, and potential impact by/on the project's success.

This identification activity allowed us to map the needs and expectations of stakeholders, a process that will be revisited during the project. This mapping has been carried out in coordination with WP leaders (WP2, 3, 4, 5, 6 and 9).

This phase has been structured in the following three sub-phases:

1. Identifying a broader group of stakeholders
2. Prioritising (ranking) the relevance of stakeholders
3. Analysing the expected interest in GSEU of each group

For identifying the relevant stakeholder groups, a first survey among thematic WP leaders has been carried out. This preliminary consultation was carried out with WP leaders on the project deliverables and feasible interest. A form (see Annex **Error! Reference source not found.**) was sent to WP leaders, requiring them to provide, for each identified stakeholder, the main contacts and relevant information for appropriate categorisation, such as:

1. Level (pan-European, national, regional, local)
2. Category (public body, academic/research institute, private, non-profit organisation)
3. Level of interest in GSEU products and services (target users, intermediate, end-users)
4. Type of action for engagement (general events for stakeholders, thematic workshops and webinars, training sessions, field trips)

The stakeholders were grouped into four macro-categories:

- **Institutions:** at various levels (pan-European, multinational, national, regional, local). In this category, the GSEU project primarily addresses the European Commission, several ministries from the EU member states, UNECE, UNESCO World Bank and government technical departments
- **Industry:** the most relevant industries, including mining, geothermal, energy and CO₂ storage, wind energy, energy operators, Information Technology and remote sensing and water supply
- **Users:** from academia and research institutes, from consulting (public and private) agencies and energy operator professionals
- **Citizens:** consumer associations, environmental associations, and local communities

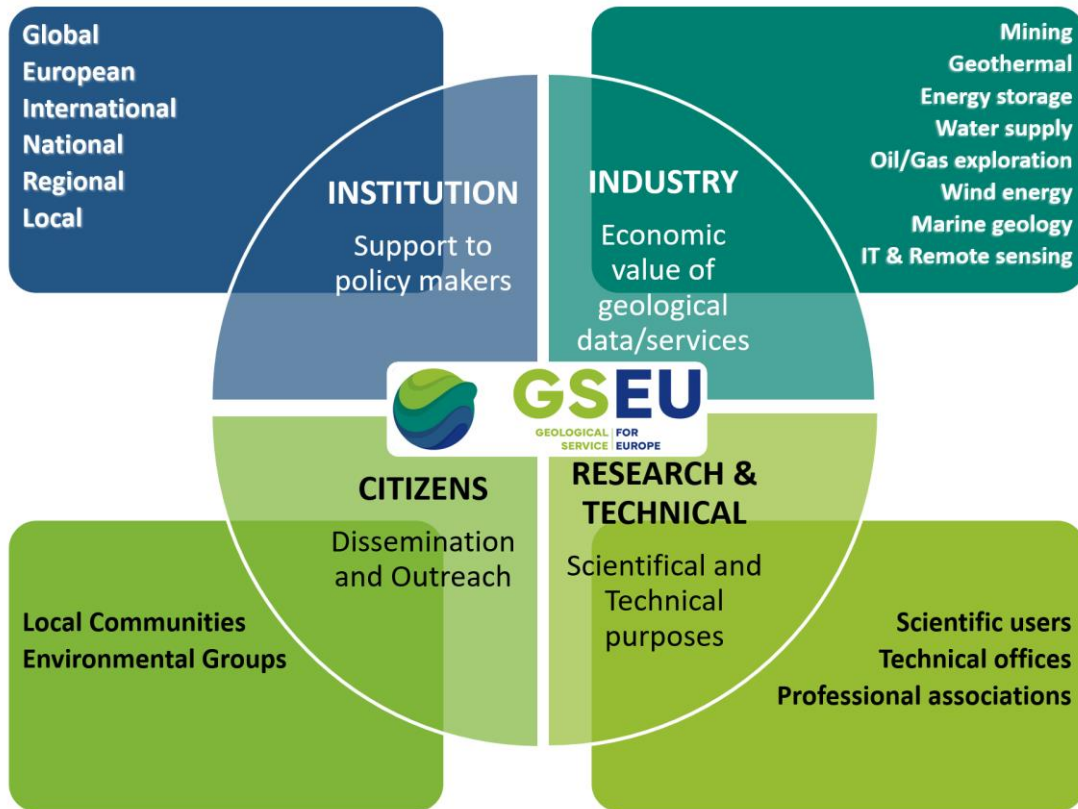


Figure 1. The identified main categories of stakeholders

2.2. Stakeholders' List

In the preliminary list, 425 stakeholders have been identified: 143 stakeholders from institutional bodies, 170 from research and technical bodies, 95 from industry and 17 from citizens' groups.

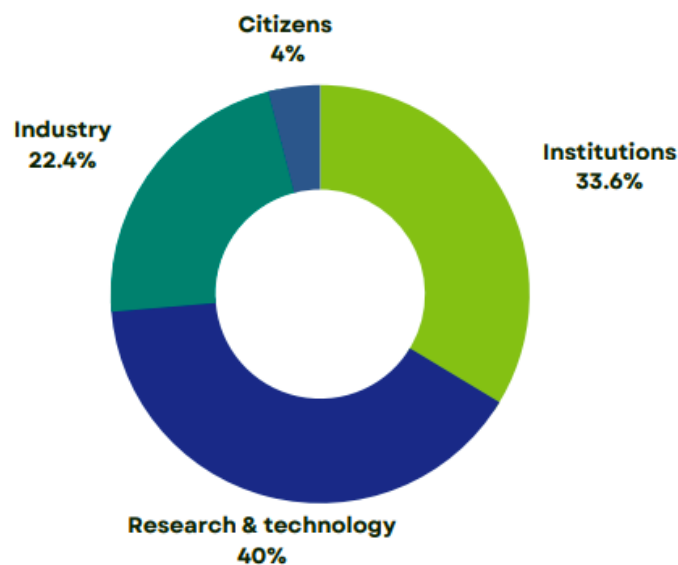


Figure 2. Distribution of the stakeholders identified for the GSEU project among the four main categories

The full stakeholders' list is provided in the appendices.

For each category a deep analysis has been done to gain a better understanding of the stakeholders.

As shown in **Error! Reference source not found.**, the principal stakeholders among:

- Institutions are national administrations (ministries, public bodies), 65%
- Research and technology are scientific users 67%
- Industry - represented by mining sector 72%
- Citizens – represented by environmental groups 77%

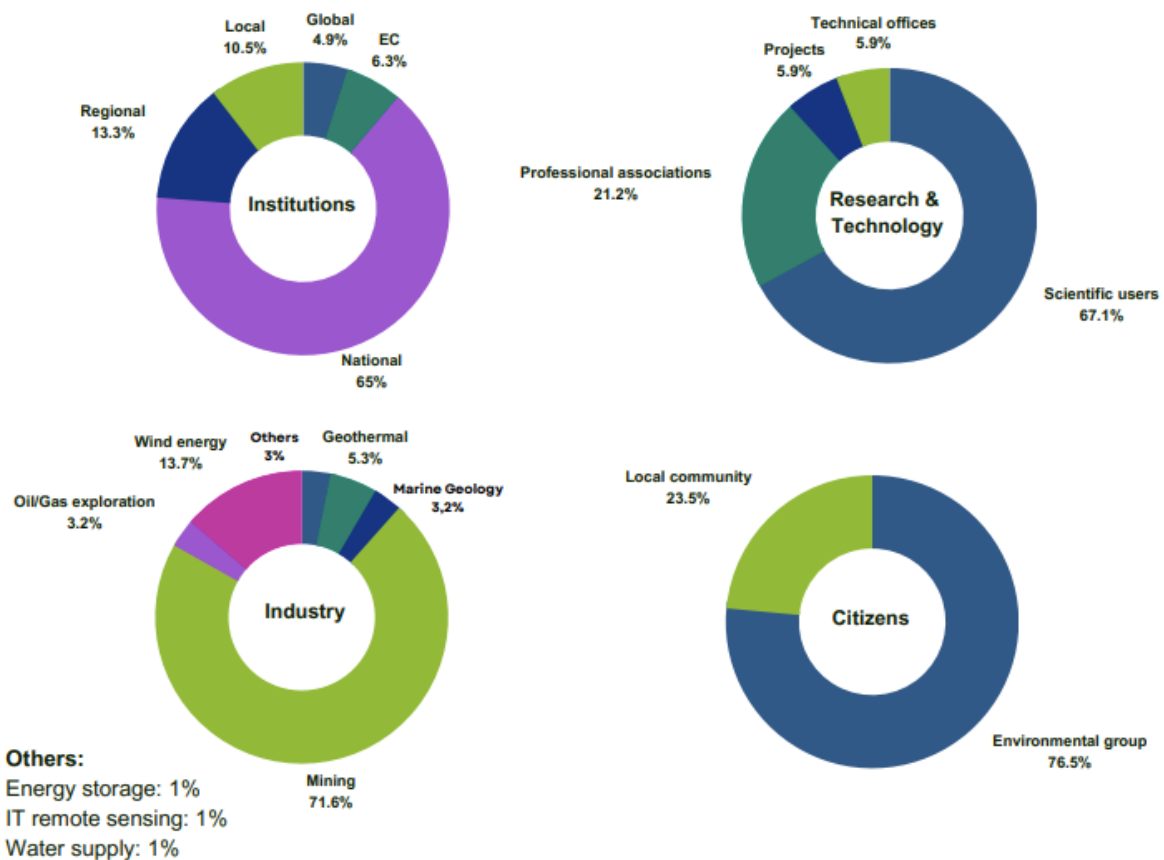


Figure 3. Stakeholder distribution analysis

2.3. Stakeholder Mapping

Additionally, the interest and the influence that stakeholders will have on the project has been analysed. Figure 4 shows that 12% of the stakeholders have high levels of interest and high levels of influence, while 32% of stakeholders are moderately interested in the project and wish to receive regular information on project developments and updates.

A small group of key stakeholders was selected for specific interviews aimed at collecting their thoughts, feedback and feedforward relating to the plan and the expected results of the project.

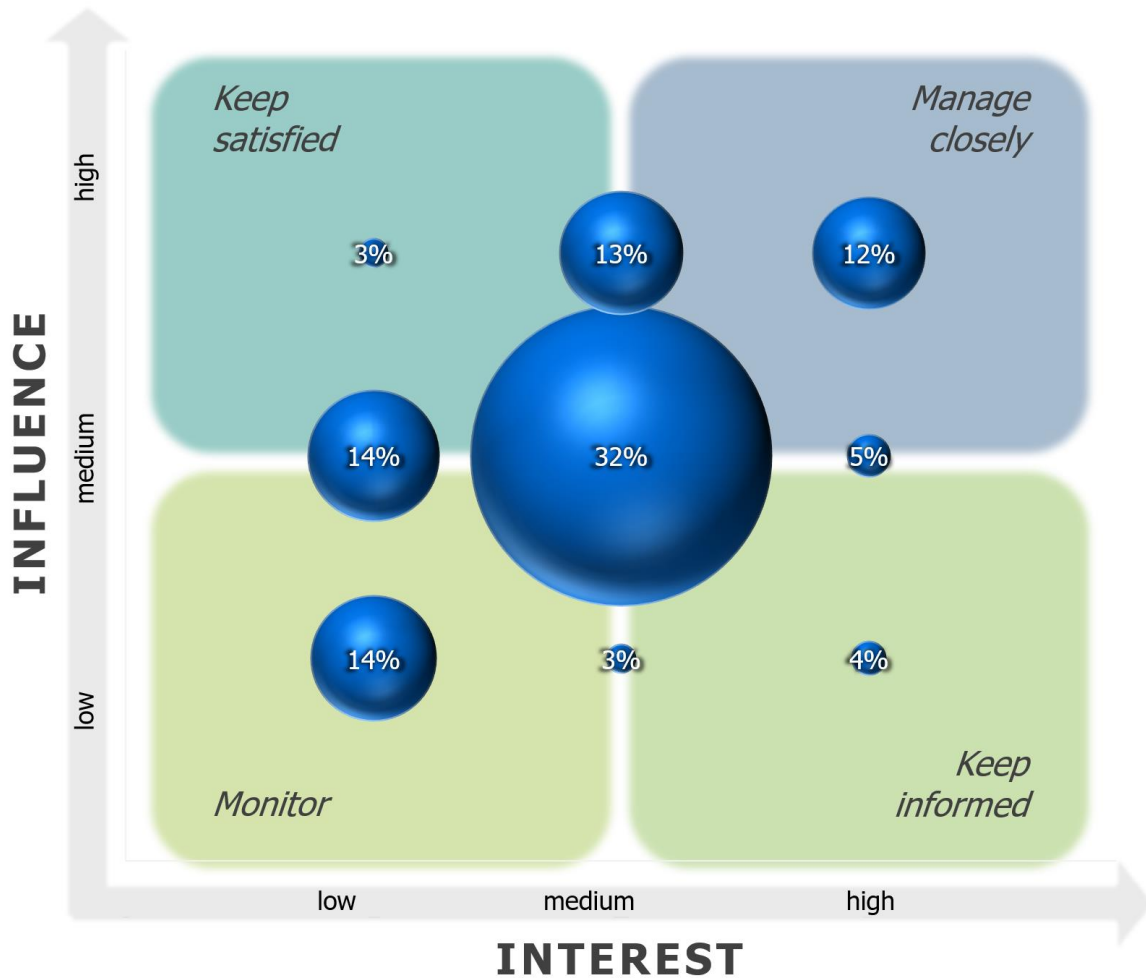


Figure 4. Stakeholders interest/influence chart

2.4. Stakeholders Engagement

During the collection and classification of stakeholders, WP leaders were asked to compile, in agreement with contacted people, the type of involvement that they would prefer. This task is aimed at maximising the results of the efforts that the project will spend in engaging stakeholders, by selecting for each of them the most appropriate level and type of involvement.

The most requested activity (29%) was “general stakeholder events”, reflecting the demand of events targeted at involving people rather than generic events at which side events are organised.

Secondly, there was a clear request for workshops and webinars, where it would be possible to deepen the topic of interest with experts and interact (physically or remotely) with them to ensure fuller engagement (Figure 5).

■ Proposed Involvement Activities

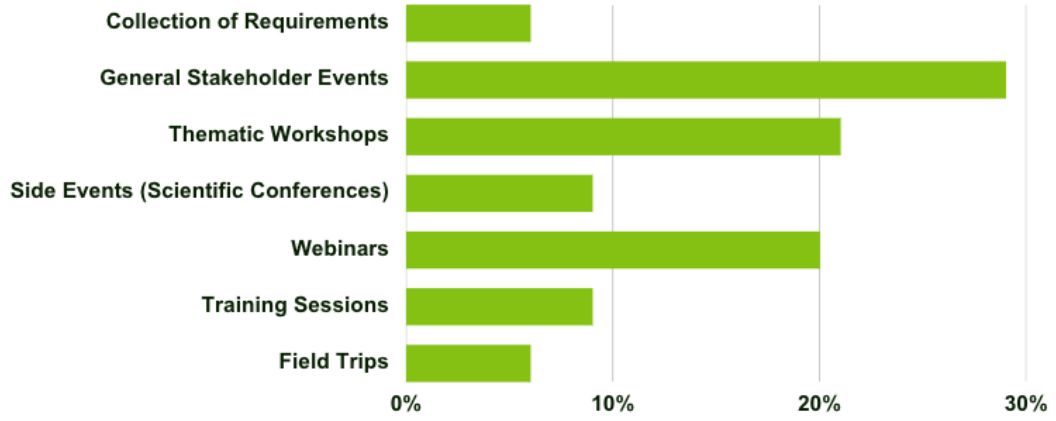


Figure 5. Proposed Involvement Activities

3. Key Stakeholders Needs and Expectations

3.1. Key Stakeholders Selection

Among the over 400 stakeholders, specific attention has been given to identifying a subset of key stakeholders. The first part of the survey assumed that a broad spectrum of possible stakeholders would be covered, ranging from institutions to the general public. In the second part a focus on the "Research" and "Institutions" categories has been adopted, with an emphasis on those who make decisions on environmental policies because of their greater potential influence on the success of the project.

The selection of key stakeholders was based on the following criteria:

- Influence on the project: the term "influence" here refers to the extent to which the project incorporates the observations and feedback of stakeholders, determined by their institutional mandate and/or technical competence
- Relevance of operativity (e.g., the significant impact of certain administrations on the definition of national policies in the geological-environmental field, or the role of national companies in geo-resources)
- interest/affinity with the GSEU areas of interest

The list of key stakeholders is expected to be progressively updated throughout the entire duration of the project. To facilitate this, a live document will be available on the project intranet for real-time updating.

Table 1 provides a list of the 13 key stakeholders identified in this first assessment: 3 from National or European Institutions, 4 from Professional Associations and 6 from Research and Academia.

Table 1. List of Key Stakeholders

Category	Type	Geographic coverage	Organisation Dept. / Business Unit	Thematic coverage
Institution	EC	Europe	European Commission DG ENV	WP3-WP4
Institution	National	National	Ministry of Finance (Austria) Department Minerals Resources Politics	WP6
Institution	National	National	Netherlands Enterprise Agency Offshore Wind	WP5
Research & Technical	Professional association	Europe	Water4All	WP4
Research & Technical	Professional association	International	European Geothermal Energy Council	WP3
Research & Technical	Professional association	International	International Geothermal Association (IGA)	WP3

Research & Technical	Professional association, geologists	International	European Federation of Geologists	WP2-6
Research & Technical	Project	Europe	PROMISCES	WP4
Research & Technical	Research institute	International	SET PLAN Strategic Energy Technology Plan	WP3
Research & Technical	Scientific association	International	ENERGNET - the European Network for Research in Geo-Energy	WP3
Research & Technical	Scientific association	International	IGRAC	WP4
Research & Technical	University	Regional	University of Exeter (UK)	WP6
Research & Technical	University	Regional	University of Lorraine (France)	WP6

3.2. Analysis of Needs and Expectations

In a CSA project, building successful and permanent communication channels with stakeholders is as important as the research and development tasks, so our aim is to tailor our scope and activities for the highest possible social impact. For this reason, after the first selection, ISPRA (with the support of IGME) scheduled specific interviews with key stakeholders. During the second phase, an accurate survey of needs and expectations has been prepared for interviews with WP leaders and stakeholders. The interviews were structured as follows: Firstly, a general introduction of the project was given by the Project Coordinator. Secondly, a presentation of the specific activities, goals and requirement of the theme of interest to the stakeholder was given by the WP Leader or Deputies, followed by an interactive discussion with all the attendees to collect thoughts, feedback and feedforward on the project in general and the theme of each key stakeholder in particular. ISPRA, as Task 8.2 Leader, scheduled and led the meetings, to ensure the fruitful participation of all attendees. IGME, as Task 8.3 Leader, helped with the organisation of the meetings, providing useful support to frame the discussion in the project. Then, at end of the meeting, ISPRA summarised main issues discussed (see Annex **Error! Reference source not found.**).

In total, 13 stakeholders joined single or group interviews, giving very useful feedback on GSEU project impact on their activity. Stakeholder “needs” correspond to the project’s components already under development, while “expectations” were not pre-empted by the project but will be included as the project develops. To summarise the contributions and to have a more general perspective, feedback has been grouped into four main fields: Data, Services, Products, Expectations.

3.2.1. Data

Firstly, there is a clear and wide demand for high-quality, open data from all stakeholders.

Professional users require unbiased and trustworthy data, validated by independent organisations. National Geological Surveys are acknowledged as reliable organisations for the scientific validity of



products. Moreover, all of the data collected during the GSEU project and integrated into the European Geological Data Infrastructure (EGDI) will be INSPIRE compliant, ensuring a good level of harmonisation. Knowledge represented by geological base maps is strongly scale dependent, so the main issue may be that it cannot be used beyond the nominal scale: users that need more detailed data may find the provided information unsatisfactory.

Most fields of geological knowledge are regulated by different standards (e.g.: ISO, international commissions, national guidelines, etc.) but a unified framework for the entire sector is currently missing. The request for qualified geological data from public institutions is so important to the success of the energy transition sector, that the GSEU consortium will have to handle the data qualification issue.

The need for data concerns all types of data: raw data from geological surveys (borehole stratigraphy, inspection notes), base data (geological and thematic maps: hydrogeological, lithotechnical, geomorphological), but also relevant derived maps (e.g.: actual and potential water pollution distribution from hydrogeological data, resource potential map, geoEnergy capacities inventory, 3D geomodelling, landslide hazard maps, etc.).

Several stakeholders requested that the data provided in the EGDI portal must be complete, continuous and homogeneous (same reference scale) for the whole of Europe. Finally, the databases should be regularly updated following a clear and transparent schedule.

Completeness of data across the European territory is a stakeholder concern. No complete European survey about any issue can be properly done without this. It is true that geographically covering the whole European area with data of interest means, in some cases, encountering legal barriers or differences in quality depending on the country. In this case, it is suggested that the absence of information is justified with clear communication to the user.

3.2.2. Services

One of the most important services requested is that a central hub is made available to search for data, information and tools relating to geological knowledge. EGDI currently provides access to datasets and services, and, during the project lifetime, will progress to become a knowledge infrastructure with more functionality and capabilities to cover the needs of a broader set of users/stakeholders (e.g., data catalogue, learning centre, thesaurus, knowledge library, story maps, etc.).

A requirement not yet considered by the project is a hub to which national portals are also linked, to access data and services of EU member states, for research involving small and/or more detailed areas. The new platform must be able to deal with big data (such as satellite images and well logs), given that the utilisation of these data is rapidly increasing. The integration of 2D and 3D data and models are also important, despite it being a technological challenge not yet faced by traditional WebGIS applications. Services available through the platform must include the ability to integrate both public and user's own data, to perform user-driven analysis. Additionally, a service that could be considered for implementation includes the capability to host, in the knowledge platform, data from different providers, including the private sector. This function might imply IP rights and ownership issues that, at this moment, are outside the scope of the project.

3.2.3. Products

While datasets and services are the primary outputs of research, the collection, harmonisation and standardisation of data are the products, i.e., the results of applied research and projects/studies addressed by the interpretation and best usage of data and tools. Among these products has emerged a strong demand for handbooks, guidelines and best practices, to help users to navigate and to get the most out of resources (databases, documents, etc) that will be available on the knowledge platform. This kind of product can also be considered, directly or as support for proper synthesis, as useful recommendations for policy makers.

As already mentioned, the sharing of standards common to all member states for data models, production and sharing, is an essential step towards the harmonisation of datasets, to obtain seamless coverages of geological data layers. This is a crucial task to ensure the continuity of information about the subsurface (geo-resources, tectonic, ground water) at country's borders.

A common pan-European approach to geological issues will fill the knowledge gaps of single member states, supporting a deeper and more precise comprehension of geological features and processes from different environments. Common frameworks for active mines and mineral occurrences, such as the Raw Materials Information System, as well as site characterisation for the deployment of geoEnergy plants, windmill farms and related infrastructures are fundamental to correctly addressing EC policy for the Clean Energy Transition. This wide-area approach will also benefit the study of climate change related geohazards (flood, surficial landslides, subsidence, coastal hazard, sea level rise) that hit large territories, ignoring political borders, and deserve a common approach for prevention and mitigation intervention.

3.2.4. Expectations

In addition to these needs, mostly already anticipated and managed by GSEU's partners, further requests were collected during the stakeholders' interviews.

Two requests are already within the scope of the project:

1. That the stakeholders' engagement strategy will be improved due to the input collected during the interviews and to the input gathered via the questionnaires, following a more agile approach
2. That the GSEU community will be informed of the timing of release of data, services and products. This information will be very useful for private sector and professional users in designing their business strategy and plans to match the availability of new materials

A further recommendation regards the communication strategy for the public sector. It is necessary to take into account the professional profiles of potential users. For example, in the information on geological risks related to the installation of offshore wind farms, it is better to avoid the term "risk". For engineering staff in charge of such installations it is more useful to list the challenging aspects related to the seabed that need to be taken into account for a safe implementation. It would be appreciated if public institutions could express the need for more detailed investigations to find solutions to environmental threads. This will help both research and industry to develop innovative and more sustainable exploitation techniques.



Figure 6. Key Stakeholder Needs and Expectations Keywords

Finally, a request that reflects mostly, but not only, the business sector needs: to increase the collaboration and sharing of knowledge and applications among geoscientists from different sectors (academia, industry, institutions, professional) to promote geosciences to citizens.

The Feedback collected included some recurring themes, as well as some very specific aspects, as shown in the word cloud below (Figure 6).

3.3. Stakeholders Engagement Strategies

As indicated by the preferences collated, most actions will deal with the capacity building of stakeholders and users of data, services, and products. These activities will be carried out through meetings with people interested in thematic topics, both in-person (workshops) and online (webinars). Close attention will be paid to actual interaction with participants, ensuring the opportunity to enable them to practice with use cases and real applications.

To enable wider engagement, different types of events (tailored to different audiences) will be organised during the project to maintain a constant flow of two-way communication: dedicated meetings, workshops, training modules, tutorials, conferences, etc.



With regards to data and services, the EGDl platform's development is already aligned with nearly every request collected, but scientific, technological and market progresses will be constantly monitored, to adapt solutions to future needs.

4. Conclusions

A robust stakeholder mapping exercise shared with all WPs led to the collection of a great number of stakeholders (more than 400) that represent a reference platform for the project's results. The most represented category is "Research & Technology" (40%), indicating that the products and results achieved by the GSEU project should be mostly addressed to professional users. One third of stakeholders belong to institutions, revealing the already excellent connections made by National Geological Surveys and EuroGeoSurveys (EGS) with policy makers. Few of the identified stakeholders come from the "citizens" category and most of them belong to environmental organisations. This highlights a gap of interaction between public administrations' geoscientists and the general public, which can be addressed by proper awareness-raising activities on the importance of the subsurface for society to achieve the EU's Green Deal goals.

The geographical distribution of institutional stakeholders indicates the influence at national level. However, the small number of EC stakeholders are crucial for the successful implementation of the GSEU project and to the basis for a Geological Service for Europe. The EC Institutions most relevant to the project were identified from the outset, and make up a Stakeholder Council, advising regularly on project management and most specifically with WP9 and the institution of a Geological Service for Europe.

Of note from the activities so far is the distribution of stakeholders from the private sector: traditional sectors, such as oil/gas exploration are virtually absent, while emerging commercial entities involved in the energy transition market represent the largest part of all. At this stage, the mining sector seems to be one of the most important, as European policy recently recognised by the "Critical Raw Materials Act", followed by stakeholders from sectors related to green energy production are emerging, (e.g., wind and geothermal energy).

The needs collected during the survey will be carefully addressed by GSEU's partners. Following this survey, meetings and events tailored to different categories will be planned, to ensure continuous engagement with stakeholders.

The unequal distribution of key stakeholders reveals a need for the project to increase the capacity to engage more with the private sector, developing better comprehension of the economic impact of geology. The same applies to engagement with citizens, in raising public awareness of geological issues and how they affect everyday life.

The survey will be regularly updated to collect new feedback and suggestions, thus improving the effectiveness of the project results.

5. Appendix I – Consortium Partners

Consortium partners			
	Partner Name	Acronym	Country
1	EuroGeoSurveys	EGS	Belgium
2	Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek	TNO	Netherlands
3	Sherbimi Gjeologjik Shqiptar	AGS	Albania
4	Vlaamse Gewest	VLO	Belgium
5	Bureau de Recherches Géologiques et Minières	BRGM	France
6	Ministry for Finance and Employment	MFE	Malta
7	Hrvatski Geološki Institut	HGI-CGS	Croatia
8	Institut Royal des Sciences Naturelles de Belgique	RBINS-GSB	Belgium
9	Państwowy Instytut Geologiczny – Państwowy Instytut Badawczy	PGI-NRI	Poland
10	Institut Cartogràfic i Geològic de Catalunya	ICGC	Spain
11	Česká Geologická Služba	CGS	Czechia
12	Department of Environment, Climate and Communications - Geological Survey Ireland	GSI	Ireland
13	Agencia Estatal Consejo Superior de Investigaciones Científicas	CSIC-IGME	Spain
14	Bundesanstalt für Geowissenschaften und Rohstoffe	BGR	Germany
15	Geološki zavod Slovenije	GeoZS	Slovenia
16	Federalni Zavod za Geologiju Sarajevo	FZZG	Bosnia and Herzegovina
17	Istituto Superiore per la Protezione e la Ricerca Ambientale	ISPRA	Italy
18	Regione Umbria	-	Italy
19	State Research and Development Enterprise State Information Geological Fund of Ukraine	GIU	Ukraine
20	Institute of Geological Sciences National Academy of Sciences of Ukraine	IGS	Ukraine
21	M.P. Semenenko Institute of Geochemistry, Mineralogy and Ore Formation of NAS of Ukraine	IGMOF	Ukraine
22	Ukrainian Association of Geologists	UAG	Ukraine
23	Geologian Tutkimuskeskus	GTK	Finland
24	Geological Survey of Serbia	GZS	Serbia
25	Ministry of Agriculture, Rural Development and Environment of Cyprus	GSD	Cyprus
26	Norges Geologiske Undersøkelse	NGU	Norway

27	Latvijas Vides, ģeoloģijas un meteoroloģijas centrs SIA	LVGMC	Latvia
28	Sveriges Geologiska Undersökning	SGU	Sweden
29	Geological Survey of Denmark and Greenland	GEUS	Denmark
30	Institutul Geologic al României	IGR	Romania
31	Szabályozott Tevékenységek Felügyeleti Hatósága	SZTFH	Hungary
32	Eidgenössisches Departement für Verteidigung, Bevölkerungsschutz und Sport	VBS (DDPS)	Switzerland
33	Elliniki Archi Geologikon kai Metalleftikon Erevnon	HSGME	Greece
34	Laboratório Nacional de Energia e Geologia I.P.	LNEG	Portugal
35	Lietuvos Geologijos Tarnyba prie Aplinkos Ministerijos	LGT	Lithuania
36	Geologische Bundesanstalt	GBA	Austria
37	Service Géologique de Luxembourg	SGL	Luxembourg
38	Eesti Geoloogiateenistus	EGT	Estonia
39	Štátny Geologický ústav Dionýza Štúra	SGUDS	Slovakia
40	Íslenskar Orkurannsóknir	ISOR	Iceland
41	Instituto Português do Mar e da Atmosfera	IPMA	Portugal
42	Jarðfeingi	Jarðfeingi	Faroe Islands
43	Regierungspräsidium Freiburg	LGRB	Germany
44	Geologischer Dienst Nordrhein-Westfalen	GD NRW	Germany
45	Landesamt für Geologie und Bergwesen Sachsen-Anhalt	LfU	Germany
46	Vlaamse Milieumaatschappij	VMM	Belgium
47	Norwegian Petroleum Directorate	NPD	Norway
48	United Kingdom Research and Innovation - British Geological Survey	UKRI-BGS	UK

6. Appendix II – Infographics

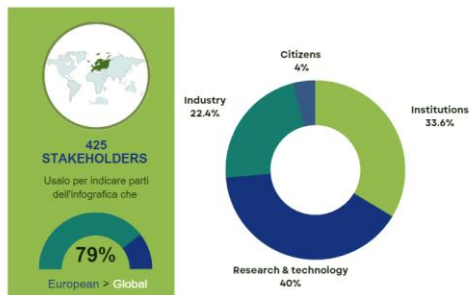
Stakeholders Engagement



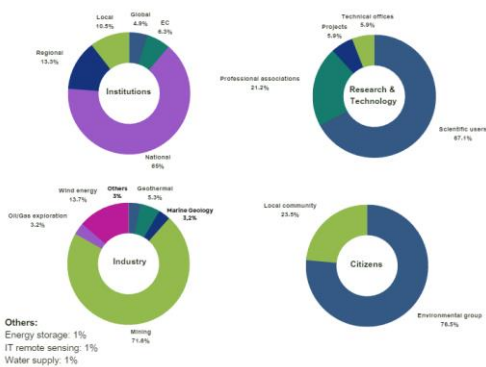
Project Description



Category of Stakeholders



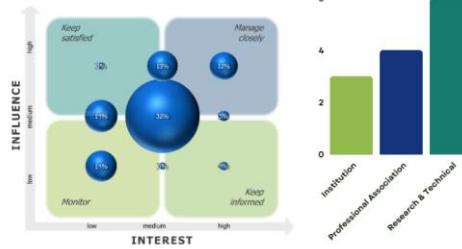
Stakeholder Distribution



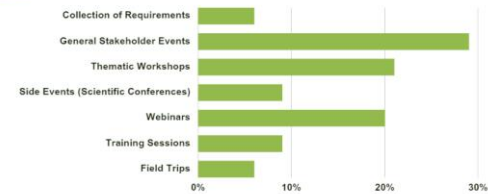
Stakeholders Mapping



Influence/interest



Proposed Involvement Activities



Needs and expectations



7. Appendix III – Collection Form

Organisation	Department / Business Unit (+ URL)	Geographic coverage	Contact Person	GSEU Contact	Rationale for involvement	Expected interest in GSEU	Expected influence on GSEU	Proposed actions for involvement
...
...

Different lists were compiled for each category:

1. Institutions

2. Research & Technical Users

3. Industry

4. Citizens

8. Appendix IV – Key Stakeholders Interview Scheme

Duration	Object	Leader
5'	Welcome & aims of the meeting	T8.2 leader
10'	GSEU Project overview	Project Coordinator
5'	First impression: - <i>What are your first thoughts?</i> - <i>What challenges or business issues are currently top priorities for you?</i>	T8.2 leader
10'	GSEU WP description	WP Leader / Deputy
25'	Stakeholders round table: - <i>What are your first thoughts?</i> - <i>What's the most important thing for us to get right?</i> - <i>How will this work impact your work/sector in both the short and long term?</i> - <i>Can you provide any words of advice?</i> - <i>Will you like to stay connected or be involved in the GSEU?</i>	T8.2 leader
5'	Recap	T8.2 leader

9. Appendix V – Stakeholders List

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Citizens	Environmental group	Croatia	Argonauta	
Citizens	Environmental group	Croatia	Association for Nature, Environment and Sustainable Development Sunce	
Citizens	Environmental group	Croatia	Udruga Lijepa Naša	
Citizens	Environmental group	Global	Greenpeace	NGO
Citizens	Environmental group	Global	Sea Sheperd Conservation Society	NGO
Citizens	Environmental group	Global	Seas At Risk	NGO
Citizens	Environmental group	Global	Wetlands International	https://www.wetlands.org/
Citizens	Environmental group	Global	World Wildlife Fund - WWF	https://www.worldwildlife.org/
Citizens	Environmental group	Italy	Amici della Terra	
Citizens	Environmental group	Italy	LEGAMBIENTE	
Citizens	Environmental group	National Utrecht, Netherlands	Stichting De Noordzee	
Citizens	Environmental group	Poland	European Regional Centre for Ecohydrology	http://www.erce.unesco.lodz.pl/
Citizens	Environmental group	Spain	IADEN (Institució Altempordanesa per la Defensa i Estudi de la Natura)	https://iaeden.cat/
Citizens	Local community	Italy	Associazione Val di Stava	
Citizens	Local community	Spain	Associació stop macro parc eòlic marí de la Costa Brava Nord	https://stopmacroparceolcmari.org/
Citizens	Local community	Spain	Plataforma defensa de l'Ebre	https://www.ebre.net/bloc/
Citizens	Local community	Spain	Sos Costa Brava	https://soscostabrava.cat/
Industry	Energy storage	Austria	RAG	http://www.rag-austria.at/
Industry	Geothermal	Czech Republic	CGS	Dpt. Of Applied Geology
Industry	Geothermal	International	ENEL	https://www.enelgreenpower.com/
Industry	Geothermal	International	EVN	
Industry	Geothermal	Local (Austria)	Wien Energie (Vienna and surroundings)	
Industry	Geothermal	Croatia	Croatian Hydrocarbon Agency	Geothermal Energy Sector

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Industry	IT & remote sensing	Czech Republic	CGS	Dpt. Of Regional Geology., Remote sensing laboratory
Industry	Marine Geology	Global	Kongsberg Maritime AS	Marine technology
Industry	Marine Geology	Global	Ltd.	consulting services in the field of natural & social environment
Industry	Marine Geology	International	Van Oord	Engineering & Estimating
Industry	Mining	Czech Republic	DIAMO s.p.	Directorat General, Stráž. Ralskem (www.diamo.cz)
Industry	Mining	Czech Republic	DIAMO s.p.	GEAM (www.diamo.cz)
Industry	Mining	Czech Republic	Geomin	www.geomin.cz
Industry	Mining	Czech Republic	GET s.r.o.	www.get.cz
Industry	Mining	Europe	EQUINOR	www.equinor.com
Industry	Mining	Europe	EUROMINES	Secretary
Industry	Mining	France, Morroco	Garrot Chaillac	
Industry	Mining	Global	Anglo American	https://www.angloameric an.com/
Industry	Mining	Global	Green Minerals AS	
Industry	Mining	Global	The Metal Company	
Industry	Mining	Greenland	Greenland Resources	https://greenlandresources.ca/
Industry	Mining	Greenland	Greenroc	https://greenrocmMining.com/
Industry	Mining	Greenland/Finland	Bluejay Mining	https://bluejaymining.com/
Industry	Mining	Greenland/Norway	21st North	https://www.21stnorth.com/
Industry	Mining	Hungary	Hungarian Mining Association (Magyar Bányászati Szövetség)	Secretary
Industry	Mining	International	AltaMin Australia - Energy Minerals Italia	
Industry	Mining	International	Atlantic cooper	Managing Director
Industry	Mining	International	CLARIANT	
Industry	Mining	International	Eramet group	
Industry	Mining	International	FAAM (SERI Group)	
Industry	Mining	International	First Quantum Minerals	Strategic Minerals Europe Corp. Director
Industry	Mining	International	IGO ltd Australia	
Industry	Mining	International	IMERYs	
Industry	Mining	International	Maxam	General Manager
Industry	Mining	International	Minerali Industriali	

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Industry	Mining	International	Orano Mining	
Industry	Mining	International	Wienerberger d.o.o.	
Industry	Mining	Italy	ASSORISORSE	
Industry	Mining	Croatia	ADRIAKAMEN d.o.o.	
Industry	Mining	Italy	AITEC (Associazione Italiana Tecnico Economica del Cemento)	
Industry	Mining	Italy	ANEPLA (Associazione nazionale estrattori produttori lapidei e affini)	
Industry	Mining	Italy	Assomarmomacchine	
Industry	Mining	Slovenia	C.I.A.K. d.o.o.	
Industry	Mining	Croatia	Calcit Lika d.o.o.	
Industry	Mining	Croatia	CEMEX Hrvatska d.d.	
Industry	Mining	Croatia	CE-ZA-R	
Industry	Mining	Croatia	Ciglane Cerje Tužno d.o.o.	
Industry	Mining	Croatia	Colas Mineral d.o.o.	
Industry	Mining	Croatia	Ferro-Preis d.o.o.	
Industry	Mining	Croatia	Golubovečki kamenolomi d.o.o.	
Industry	Mining	Slovenia	GP Krk d.d.	
Industry	Mining	Croatia	Holcim (Hrvatska) d.o.o.	
Industry	Mining	Croatia	Hrvatske šume d.o.o.	
Industry	Mining	Croatia	Jadrnkamen d.d.	
Industry	Mining	Croatia	KAMEN d. d.	
Industry	Mining	Croatia	Kamen Sirač d.d.	
Industry	Mining	Croatia	Kaming d.d.	
Industry	Mining	Croatia	KNAUF d.o.o.	
Industry	Mining	Slovenia	Knauf Insulation d.o.o.	
Industry	Mining	Croatia	Leier-Leitl d.o.o.	
Industry	Mining	Croatia	Lipovica d.o.o.	
Industry	Mining	Italy	Mineraria Gerrei Srl	
Industry	Mining	Croatia	MIV d.d.	
Industry	Mining	Croatia	Našicecement	
Industry	Mining	Croatia	NEXE d.d.	
Industry	Mining	Croatia	Petrokemija d.d.	
Industry	Mining	Italy	Polar	
Industry	Mining	Croatia	Rockwool Adriatic d.o.o.	
Industry	Mining	Croatia	Solana Pag d.d.	
Industry	Mining	Croatia	Strabag d.o.o.	
Industry	Mining	Italy	SVIMISA	
Industry	Mining	Croatia	Velički kamen d.o.o.	
Industry	Mining	Norway	Norwegian Mineral Industry's administration	
Industry	Mining	Slovenia	Slovenian Surface Mining Association	
Industry	Mining	Spain	Aindex	President
Industry	Mining	Spain	Atalaya Mining	General Manager of Riotinto Project
Industry	Mining	Spain	Cominroc	President

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Industry	Mining	Spain	Grupo Tragsa	Subdirección de Medio Ambiente, Pesca e Ingeniería de Tragsatec
Industry	Oil/Gas exploration	International	ENI	
Industry	Oil/Gas exploration	International	INA	
Industry	Oil/Gas exploration	International	OMV	www.omv.com
Industry	Water supply	Europe	EurEau	https://www.eureau.org/
Industry	Wind energy	Europe	EQUINOR	www.equinor.com
Industry	Wind energy	Finland	Finnish Wind Power Association	https://tuulivoimayhdistys.fi/en/wind-power-in-finland-2/offshore-wind-power
Industry	Wind energy	International	BlueFloat Energy	https://www.bluefloat.com/
Industry	Wind energy	International	Fugro	Marine Site Characterisation
Industry	Wind energy	International	Ocean Winds	https://www.bc-wind.pl/
Industry	Wind energy	International	ORLEN Group/ Northland Power	https://www.balticpower.pl/en/
Industry	Wind energy	International	PGE Baltica/Orsted	https://baltica.energy/pl-pl/baltica-two-and-three
Industry	Wind energy	International	Polenergia/Equinor	https://www.baltyk2.pl/ https://www.baltyk3.pl/
Industry	Wind energy	International	RWE Renewables	https://pl.rwe.com/offshore/
Industry	Wind energy	International	SEAPLACE	www.seaplace.es
Industry	Wind energy	International	SENER	https://www.group.sener/
Industry	Wind energy	Croatia	CROATIAN HYDROCARBON AGENCY	Environment protection and Spatial planning Sector
Industry	Wind energy	Portugal	WavEC Offshore Renewables	https://www.wavec.org/
Institution	EC	Europe	EU Delegation to Ukraine	EU Ambassador to Ukraine; https://www.eeas.europa.eu/delegations/ukraine_en?s=232
Institution	EC	Europe	European Commission	DG AGRI
Institution	EC	Europe	European Commission	DG CLIMA
Institution	EC	Europe	European Commission	DG ENER
Institution	EC	Europe	European Commission	DG ENV
Institution	EC	Europe	European Commission	DG GROW
Institution	EC	Europe	European Commission	DG HOME
Institution	EC	Europe	European Commission	DG MARE
Institution	EC	Europe	European Commission	DG RTD

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	Global	International	International Seabed Authority	Home International Seabed Authority (isa.org.jm)
Institution	Global	International	UNECE EGRM	EGRM (Expert group on resource management) Sustainable Energy
Institution	Global	International	UNECE EGRM	
Institution	Global	International	UNESCO IHP	
Institution	Global	International	UNESCO Land Subsidence International Initiative (LASII)	
Institution	Global	International	UNESCO-IHP, UN-Water, UNEP	
Institution	Global	International	World Bank	
Institution	Local	Local, Spain	AMB	The metropolitan area of Barcelona
Institution	Local	Local, Portugal	Câmara Municipal de Tavira	
Institution	Local	Austria	Climate & Energy Model Regions	https://www.klimaundenergiemodellregionen.at/
Institution	Local	Local, Latvia	Dienvidkurzeme Municipality	
Institution	Local	Local, Poland	Gdansk Development Office	https://www.brq.gda.pl/
Institution	Local	Local, Latvia	Liepāja City	
Institution	Local	Local, Poland	Municipal Office in Gdańsk	Environment Department
Institution	Local	Local, Poland	Municipal Office in Gdynia	Environment Department, Climate Change Adaptation Department
Institution	Local	Local, Spain	Parc Natural de Cap de Creus	https://parcsnaturals.gencat.cat/ca/xarxa-de-parcs/cap-creus/inici/
Institution	Local	Local, Spain	Parc Natural de Delta de l'Ebre	https://parcsnaturals.gencat.cat/ca/xarxa-de-parcs/delta-ebre/inici/
Institution	Local	Local, Spain	Parc Natural del Montgrí, les Illes Medes i el Baix Ter	https://parcsnaturals.gencat.cat/ca/xarxa-de-parcs/illes-medes/inici/
Institution	Local	Local, Spain	Parc Natural dels Aiguamolls de l'Empordà	https://parcsnaturals.gencat.cat/ca/xarxa-de-parcs/aiguamolls-emporda/inici/
Institution	Local	Local, Spain	Reserva Natural del Delta del Llobregat	Consorti per a la Protecció i la Gestió dels Espais Naturals del Delta del Llobregat
Institution	Local	Local, Poland	Spatial Planning Office of the City of Gdynia	https://bip.um.gdynia.pl/biuro-planowania-przestrzennego-miasta-gdyni,1490/biuro-planowania-przestrzennego-miasta-gdyni,379433
Institution	Local	Local, Latvian	Ventspils Municipality	
Institution	National	Croatia	Croatian Chamber of Commerce	

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	National	Croatia	Croatian Chamber of Trades and Crafts	
Institution	National	Croatia	Croatian County Association	
Institution	National	Croatia	Croatian employers association	
Institution	National	Local, Luxembourg	Administration for Water Management, Luxembourg	Division for groundwater and potable water
Institution	National	Portugal	Agência Portuguesa do Ambiente	Divisão de Ordenamento e Valorização
Institution	National	Croatia	Agency for Investments and Competitiveness	
Institution	National	Portugal	APIRAC-Portuguese Association of Enterprises of Thermal, Energy, Electronic & Environment	
Institution	National	Portugal	APREN - Portuguese Association of Renewable Energies	https://www.apren.pt/pt/energias-renovaveis/destaques
Institution	National	Ciprus	Atalaya Mining	General Manager of Riotinto Project
Institution	National	Ukraine	Cabinet of Ministers of Ukraine	EuroIntegration Department; https://eu-ua.kmu.gov.ua
Institution	National	Italy	Civil Protection Department	https://www.protezionecivile.gov.it/en/
Institution	National	Spain	Consejo Superior de Colegios de Ingenieros de Minas	Dean-President
Institution	National	Croatia	Croatian Hydrocarbon Agency	
Institution	National	Czech Republic	Czech Mining Office	http://www.cbusbs.cz/cs/cbu-praha
Institution	National	Denmark	Danish Business Authority	https://danishbusinessauthority.dk/
Institution	National	Denmark	Danish Energy Agency	
Institution	National	Denmark	Danish Regions (DK, regioner.dk)	
Institution	National	Denmark	Danish Water Forum	
Institution	National	Denmark	DANVA (DK), danva.dk	
Institution	National	Portugal	Direção Geral de Energia e Geologia	Divisão de Estudos, Investigação e Renováveis - DEIR
Institution	National	Spain	Ministry of Ecological Transition	Dirección General de la Costa y el Mar, Secretaría de Estado de Medio Ambiente
Institution	National	Norway	Directorate of Mining Norway	
Institution	National	Malta	Energy and Water Agency (EWA)	Energy Unit (https://energywateragency.gov.mt/)
Institution	National	Malta	Energy and Water Agency (EWA)	Energy Unit (https://energywateragency.gov.mt/)
Institution	National	England	Environment Agency (EA) (England)	

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	National	Malta	Environment and Resources Authority (ERA)	Biodiversity & Water Unit (https://era.org.mt/)
Institution	National	Germany	Environmental Agency (UBA) (Germany)	
Institution	National	Italy	Environmental and energetic safety Ministry	
Institution	National	Croatia	Ministry of Economy and Sustainable Development	Environmental Protection and Energy Efficiency Fund
Institution	National	Germany	Federal Institute of Hydrology (BfG) (Germany)	
Institution	National	Germany	German Technical and Scientific Association for Gas and Water (DVGW)	
Institution	National	Spain	Grupo Tragsa	Subdirección de Medio Ambiente, Pesca e Ingeniería de Tragsatec
Institution	National	Hungary	Hungarian Mining Association (Magyar Bányászati Szövetség)	Secretary
Institution	National	Spain	Ilustre Colegio Oficial de Geólogos	President
Institution	National	Luxembourg	Klima-Agence, Luxembourg	
Institution	National	Italy	MAECI	
Institution	National	Italy	MASE	
Institution	National	Finland	Metsähallitus, Finland	Nature and Heritage,
Institution	National	Denmark	MiMa	http://mima.geus.dk/
Institution	National	Italy	MIMIT (IT)	Divisione III - Economia circolare e politiche per lo sviluppo ecosostenibile
Institution	National	Spain	Ministerio para la Transición Ecológica y el Reto Demográfico del Gobierno de España	Subdirección General de Minas de la Dirección General de Política Energética y Minas
Institution	National	Poland	Ministry for Climate and Environment (PL)	Department of Geology and Geological Licenses
Institution	National	Malta	Ministry for the Environment, Energy and Enterprise (MEEE) (MT)	Ministry for the Environment, Energy and Enterprise
Institution	National	Republic of Lithuania	Ministry of Economy and Innovation of the Republic of Lithuania	
Institution	National	Croatia	Ministry of Economy and Sustainable Development	CROATIAN HYDROCARBON AGENCY

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	National	Croatia	Ministry of Economy and Sustainable Development	Directorate for Environmental Impact Assessment and Sustainable Waste Management - Environmental Impact Assessment Sector, Sector for sustainable waste management
Institution	National	Croatia	Ministry of Economy and Sustainable Development	Directorate for Industry, Entrepreneurship and Crafts - Mining sector
Institution	National	Croatia	Ministry of Economy and Sustainable Development	Directorate for Nature Protection
Institution	National	Croatia	Ministry of Economy and Sustainable Development	Institute for Environmental and Nature Protection
Institution	National	Croatia	Ministry of Economy and Sustainable Development	Zavod za zaštitu okoliša
Institution	National	Lithuania	Ministry of Education, Science and Sport	
Institution	National	Luxembourg	Ministry of Energy and Spatial Planning, Luxembourg	
Institution	National	Republic of Lithuania	Ministry of Energy of the Republic of Lithuania	
Institution	National	Ukraine	Ministry of Energy of Ukraine	https://mev.gov.ua/en/home
Institution	National	Czech Republic	Ministry of Environment	Department of Geology
Institution	National	Republic of Lithuania	Ministry of Environment of the Republic of Lithuania	
Institution	National	Ukraine	Ministry of environment protection and natural resources of Ukraine	<u>Ruslan Strilets, Minister:</u> https://mepr.gov.ua/
Institution	National	Austria	Ministry of Finance (AT)	Department Minerals Resources Politics
Institution	National	Bosnia and Herzegovina	Ministry of Foreign Trade and Economic Relation of Bosnia and Herzegovina (MoFTER)	<u>Sector for energy:</u> http://www.mvteo.gov.ba/Content/Read/energetika-sektor
Institution	National	France	Ministry of green transition	Office of politics of non energetic mineral resources
Institution	National	Albania	Ministry of industry and Energy of Albania	
Institution	National	Czech Republic	Ministry of Industry and Trade	Department od Raw Materials Policy

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	National	Poland	Ministry of Infrastructure	Department of Maritime Economy https://www.gov.pl/web/infrastruktura/departament-gospodarki-morskiej-dgm
Institution	National	Netherlands	Ministry of Infrastructure and Water Management (Netherlands)	Rijkswaterstaat
Institution	National	Greenland	Ministry of Mineral Resources of Greenland	https://govmin.gl/
Institution	National	Republic of Serbia	Ministry of Mining and Energy, Republic of Serbia	The Division for Geological Exploration and Mining
Institution	National	Slovenia	Ministry of Natural Resources and Spatial Planning	Directorate for Nature, Mining division
Institution	National	Croatia	Ministry of Physical Planning, Construction and State Assets	Directorate for physical planning and permits of state significance
Institution	National	Czech Republic	Ministry of the Environment of the Czech Republic	Several different departments
Institution	National	Slovenia	Ministry of the Environment, Climate and Energy	Directorate for environment
Institution	National	Slovenia	Ministry of the Environment, Climate and Energy	Slovenian Environment Agency http://www.arso.gov.si/en/
Institution	National	Luxembourg	Ministry of the Environment, Climate and Sustainable Development, Luxembourg	
Institution	National	Albania	Ministry of Tourism and Environment	
Institution	National	Albania	National Agency of Natural Resources of Albania	
Institution	National	Unite Kingdom	National Council for Sustainable Development	Secretary
Institution	National	Germany	National Meteorological Service (DWD) (Germany)	
Institution	National	Austria	National Mining authority	https://www.bmf.gv.at/the-men/bergbau.html
Institution	National	Austria	National Mining authority	https://www.bmf.gv.at/the-men/bergbau.html
Institution	National	Unite Kingdom	Natural Resources Wales (NRW) (Wales)	
Institution	National	Czech Republic	Nature Conservation Agency of Czech republic	Dpt. of General Nature Protection
Institution	National	Netherlands	Netherlands Enterprise Agency	Offshore Wind
Institution	National	Ireland	Northern Ireland Environment Agency (NIEA)	
Institution	National	Norway	Norwegian Environment Agency	
Institution	National	Norway	Norwegian Mineral Industry's administration	

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	National	Scotland	Scottish Environmental Protection Agency (SEPA) (Scotland)	
Institution	National	Spain	Spanish National Environmental Agency	
Institution	National	Czech Republic	State Environmental Fund of the Czech Republic	
Institution	National	Croatia	State Inspectorate	Sector for supervision of environmental protection, nature protection and water control
Institution	National	Croatia	State Inspectorate	Sector for supervision of mining, energy and pressure equipment
Institution	National	Sweden	Swedish Energy Agency	
Institution	National	Finland	The Finnish Defence Forces	Defence Command
Institution	Regional	Spain	ACA	Catalan Water Agency (ACA), attached to the Department of Territory and Sustainability of the Generalitat de Catalunya
Institution	Regional	Spain	Catalan Water Agency (ACA)	
Institution	Regional	Austria	City of Vienna, MA 29 Brücken- und Grundbau	www.wien.gv.at/verkehr/brueckenbau
Institution	Regional	Austria	City of Vienna, MA 29 Brücken- und Grundbau	www.wien.gv.at/verkehr/brueckenbau
Institution	Regional	Spain	Confederación Hidrográfica del Ebro (CHEBRO)	
Institution	Regional	Spain	Consejería de Industria, Empleo y Promoción Económica del Principado de Asturias	Dirección General de Energía, Minería y Reactivación
Institution	Regional	Spain	Direcció General de Polítiques de Muntanya i del Litoral (Departament de Territori)	Government of Catalonia https://territori.gencat.cat/
Institution	Regional	Spain	Dirección General de Energía y Actividad Industrial y Minera de la Consejería de Empresa, Economía Social y Autónomos de la Comunidad Autónoma de la Región de Murcia	Servicio de Minas de la Dirección General de Minas
Institution	Regional	Poland	Maritime Office in Gdynia	https://www.umgdy.gov.pl/
Institution	Regional	Poland	Maritime Office in Szczecin	Urząd Morski w Szczecinie - Urząd Morski w Szczecinie (https://ums.gov.pl/)
Institution	Regional	Spain	Protecció Civil	Civil Protection of Ministry of Home Affairs of Catalonia

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Institution	Regional	Finland	Regional Councils, Finland	Helsinki-Uusimaa, Kymenlaakso, Southwest Finland, Satakunta, South Ostrobothnia, Central Ostrobothnia, Oulu Region, (https://www.pohjois-pohjanmaa.fi/en/); Lapland,
Institution	Regional	Austria	Regional Mining authority east	https://www.bmf.gv.at/the-men/bergbau.html
Institution	Regional	Austria	Regional Mining authority south	https://www.bmf.gv.at/the-men/bergbau.html
Institution	Regional	Austria	Regional Mining authority west	https://www.bmf.gv.at/the-men/bergbau.html
Institution	Regional	Czech Republic	Regional offices of Czech Republic (14 offices - authorities))	Dpt. Of regional development and land use planning, dpt. Of nature protection
Institution	Regional	Spain	Secretaría General de Industria y Minas de la Junta de Andalucía	Subdirección General de Industria, Energía y Minas
Institution	Regional	Germany	State Geological Surveys (SGD) (Germany)	
Institution	Regional	Finland	The Centers for Economic Development, Transport and the Environment (ELY Centres), Finland	Several regional ELY Centers, https://www.ely-keskus.fi/web/ely-en/frontpage
Research & Technical	Environmental agency	England	Environment Agency (EA)	
Research & Technical	Environmental agency	Europe	EEA	EIONET
Research & Technical	Environmental agency	Finland	The Finnish Heritage Agency	https://museovirasto.fi/en/
Research & Technical	Environmental agency	Italy	ARPAS	
Research & Technical	Environmental agency	Spain	CADS (Departament d'Acció Climàtica, Alimentació i Agenda Rural)	Advisory Council for Sustainable Development. https://cads.gencat.cat/en/inici/index.html
Research & Technical	Environmental agency	Spain	OCCC (The Catalan Office for Climate Change)	Government of Catalonia (Departament d'Acció Climàtica, Alimentació i Agenda Rural) https://canviclimatic.gencat.cat/ca/oficina/
Research & Technical	Environmental agency	Poland	Regional Directorate for Environmental Protection in Gdansk	https://www.gov.pl/web/r-dos-gdansk

Category	Type	Geographic coverage	Organisation	Department / Business Unit
Research & Technical	Environmental agency	Scotland	Scottish Environmental Protection Agency (SEPA)	
Research & Technical	Professional association	Europe	AquaINFRA	https://aquainfra.eu/
Research & Technical	Professional association	Europe	EIT Raw Materials	
Research & Technical	Professional association	Europe	Water4All	https://www.water4all-partnership.eu/
Research & Technical	Professional association	Finland	Finnish Port Association	https://www.finnishports.fi/eng/
Research & Technical	Professional association	International	European Geothermal Energy Council	https://www.egec.org
Research & Technical	Professional association	International	Freelance consultant	
Research & Technical	Professional association	International	Freelance consultant	
Research & Technical	Professional association	International	Freelance Journalist	
Research & Technical	Professional association	International	Freelance Journalist	
Research & Technical	Professional association	International	International Geothermal Association (IGA)	https://www.lovegeothermal.org/
Research & Technical	Professional association	Italy	Associazione Periti minerari Sardegna	
Research & Technical	Professional association	Croatia	Croatian Metallurgical Society	
Research & Technical	Professional association	National	Economic interest association for the production, processing and trade of mineral raw materials	
Research & Technical	Professional association	Austria	Ewald Hejl/Geologist	Resarcher and teacher (Univ. of Salzburg)
Research & Technical	Professional association	National	Freelance Journalist	
Research & Technical	Professional association	Italy	ISTITUTO TECNICO MINERARIO G: ASPRONI - IGLESIAS	
Research & Technical	Professional association	Poland	Polish Offshore Wind Energy Society (PTMEW)	http://www.ptmew.pl/en/home.php?lang=EN
Research & Technical	Professional association	Poland	The Polish Wind Energy Association (PWEA)	http://psew.pl/en/
Research & Technical	Professional association	Italy	UGI (Unione Geotermica Italiana)	
Research & Technical	Professional association, engineers	Finland	Finnish Transport Infrastructure Agency	https://vayla.fi/en/frontpage
Research & Technical	Professional association, engineers	Italy	ANIM (Ass. Naz. Ingegneri Minerari)	

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Research & Technical	Professional association, engineers	Croatia	Association of Croatian Mining Engineers	
Research & Technical	Professional association, engineers	Spain	Consejo Superior de Colegios de Ingenieros de Minas	President
Research & Technical	Professional association, engineers	Norway	Norwegian association for mining engineers	
Research & Technical	Professional association, geologists	Global	International Marine Minerals Society	<u>HOME Intl Marine Minerals (immsoc.org)</u>
Research & Technical	Professional association, geologists	Global	Quaternary Research Association	
Research & Technical	Professional association, geologists	International	European Federation of Geologists	<u>https://eurogeologists.eu/</u>
Research & Technical	Professional association, geologists	International	European Federation of Geologists	Hydrogeology Expert Group
Research & Technical	Professional association, geologists	International	European Federation of Geologists (EFG)	<u>https://eurogeologists.eu/</u>
Research & Technical	Professional association, geologists	International	IUGS	
Research & Technical	Professional association, geologists	International	The European Association for the Conservation of the Geological Heritage (ProGeo)	
Research & Technical	Professional association, geologists	Italy	Consiglio Nazionale dei Geologi	
Research & Technical	Professional association, geologists	Denmark	Danish Federation of Geologists	<u>https://2dgd.dk/</u>
Research & Technical	Professional association, geologists	Spain	Ilustre Colegio Oficial de Geólogos	President
Research & Technical	Professional association, geologists	Czech Republic	Mining Union of CR	<u>https://tezebni-unie.cz/</u>
Research & Technical	Professional association, geologists	Germany	Österreichische Gesellschaft für Geomechanik	<u>https://www.oegg.at/de/</u>
Research & Technical	Project	Europe	Blue-Cloud	(project)
Research & Technical	Project	Europe	EMODnet	Secretariat

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Research & Technical	Project	Europe	FutuRaM project	https://cordis.europa.eu/project/id/101058522
Research & Technical	Project	Europe	PROMISCES	https://promisces.eu/
Research & Technical	Project	Europe	S34I Project	University of Porto/ https://cordis.europa.eu/project/id/101091616/es
Research & Technical	Project	Europe	SeaDataNet	(series of projects)
Research & Technical	Project	Europe	TRIDENT Project	INESCTEC
Research & Technical	Project	Europe	ZEP (zero emissions platform)	Home - Zero Emissions Platform
Research & Technical	Project	International	AqualNFRA	
Research & Technical	Project	International	TrilaWatt	
Research & Technical	Regional geological surveys	Poland	Polish Geological Institute - NRI Marine Geology Branch	https://www.pgi.gov.pl/gdansk/oddzial-geologii-morza.html
Research & Technical	Regional geological surveys	Italy	REGIONE EMILIA ROMAGNA	Servizio Geologico, Sismico e dei Suoli
Research & Technical	Research institute	Europe	EURECAT (CTC)	https://eurecat.org/en/
Research & Technical	Research institute	Europe	European Commission	JRC, Unit D.02 Water and Marine Resources
Research & Technical	Research institute	Finland	Finnish Environment Institute	https://www.syke.fi/en-US
Research & Technical	Research institute	France	Ifremer	
Research & Technical	Research institute	Global	Netherlands Institute for Sea Research (NIOZ)	Coastal Systems
Research & Technical	Research institute	Global	Netherlands Institute for Sea Research (NIOZ)	Ocean Systems
Research & Technical	Research institute	International	CEAB	The Blanes Center for Advanced Studies (CEAB) of CSIC
Research & Technical	Research institute	International	CIIRC	The International Centre for Coastal Resources Research (CIIRC) http://www.conscience-eu.net/partners/ciirc.htm
Research & Technical	Research institute	International	Deltares	Applied Geology and Geophysics
Research & Technical	Research institute	International	ICM	Institut de Ciències del Mar (ICM)
Research & Technical	Research institute	International	SET PLAN Strategic Energy Technology Plan	

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Research & Technical	Research institute	Italy	INGV	
Research & Technical	Research institute	Italy	CNR-IGG Pisa	
Research & Technical	Research institute	Italy	CNR-IGG Pisa	
Research & Technical	Research institute	Italy	CNR-ISMAR	
Research & Technical	Research institute	Italy	CNR-ISTEC Faenza	
Research & Technical	Research institute	Croatia	Croatian Hydrographic Institute	
Research & Technical	Research institute	Croatia	Croatian Natural History Museum	
Research & Technical	Research institute	Czech Republic	Czech Academy of Science	Institute of Geology https://www.gli.cas.cz/en
Research & Technical	Research institute	Czech Republic	Czech Academy of Science	Institute of Geonics (Ostrava)
Research & Technical	Research institute	Czech Republic	Czech Academy of Science	Institute of Rock Structure and mechanics
Research & Technical	Research institute	Italy	ENEA	
Research & Technical	Research institute	Croatia	Institut IGH d.d. Zagreb	
Research & Technical	Research institute	Croatia	Institute of Oceanography and Fisheries	
Research & Technical	Research institute	Italy	ISPRA	Centro Nazionale Rifiuti e Economia Circolare
Research & Technical	Research institute	Italy	ISTAT	
Research & Technical	Research institute	Netherland	Netherlands Centre for Coastal Research	https://www.nck-web.org/
Research & Technical	Research institute	Sweden	Research Institutes of Sweden	
Research & Technical	Research institute	Italy	RSE (Ricerca sul sistema elettrico)	
Research & Technical	Research institute	Croatia	Ruder Bošković Institute	
Research & Technical	Research institute	Norway	SINTEF	
Research & Technical	Research institute	Poland	Institute of Hydro-Engineering of Polish Academy of Sciences	Department of Coastal Engineering and Dynamics http://www.ibwpan.gda.pl/en/structure/bi
Research & Technical	Scientific association	Czech Republic	Czech Geological Society	http://www.geologickaspolecnost.cz/
Research & Technical	Scientific association	Global	InterRIDGE	InterRidge - InterRidge

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Research & Technical	Scientific association	Hungary	Hungarian Geological Society (MFT)	Executive Director
Research & Technical	Scientific association	International	Association Internationale pour l'Étude des Argiles (AIPEA);	
Research & Technical	Scientific association	International	ENERGNET - the European Network for Research in Geo-Energy	https://energnet.eu/
Research & Technical	Scientific association	International	Geological Remote Sensing Group	
Research & Technical	Scientific association	International	IGRAC	
Research & Technical	Scientific association	International	IMGA (International Association of Medical Geology)	
Research & Technical	Scientific association	International	INQUA	
Research & Technical	Scientific association	International	INQUA	
Research & Technical	Scientific association	International	International Association for Engineering Geology and the Environment (IAEG)	
Research & Technical	Scientific association	International	International Association of GeoChemistry (IAGC)	
Research & Technical	Scientific association	International	International Association of Hydrogeologists (IAH)	
Research & Technical	Scientific association	International	International Association of Hydrogeologists (IAH);	
Research & Technical	Scientific association	International	International Association of Sedimentologists	
Research & Technical	Scientific association	International	International Mineralogical Association (IMA);	
Research & Technical	Scientific association	Italy	GNRAC, National Research Group for Coastal Environment issues	http://www.gnrac.it/
Research & Technical	Scientific association	Italy	ASSOCIAZIONE MINERARIA SARDA (AMS)	
Research & Technical	Scientific association	Croatia	Croatian Geological Society	
Research & Technical	Scientific association	Croatia	Croatian Geotechnical Society	
Research & Technical	Scientific association	Czech Republic	Czech Association of Economic Geologists	http://www.calg.cz/
Research & Technical	Scientific association	Croatia	Hrvatsko geološko društvo (Croatian Geological Society)	Croatian Geological Society
Research & Technical	Scientific association	Norway	Norwegian association for geologists	
Research & Technical	Scientific association	Austria	Österreichische Geologische Gesellschaft	https://www.geologie.or.at/
Research & Technical	Scientific association	Italy	SIG	
Research & Technical	Scientific association	Italy	SIMP	

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Research & Technical	Scientific association	France	Société Géologique de France	
Research & Technical	University	Croatia	Croatian Academy of Engineering	
Research & Technical	University	Croatia	Croatian Academy of Science and Art	
Research & Technical	University	Croatia	Faculty of Geotechnical Engineering	
Research & Technical	University	Croatia	Faculty of Metallurgy	
Research & Technical	University	Croatia	Faculty of Mining, Geology and Petroleum Engineering	
Research & Technical	University	Croatia	Faculty of Science of the University of Zagreb	Department of Geology
Research & Technical	University	Croatia	University of Zagreb; Prirodoslovno matematički fakultet (Faculty of science)	Department of Geology
Research & Technical	University	Croatia, Bosnia and Herzegovina	University of Zagreb; Rudarsko geološko naftni fakultet	Department of Mineralogy, Petrology and Mineral Resources
Research & Technical	University	Czech Republic	Charles University, Prague	Faculty of Science (https://www.natur.cuni.cz/eng?set_language=en)
Research & Technical	University	Global	Danish Technical University	
Research & Technical	University	Global	Delft University of Technology	Civil Engineering and Geosciences
Research & Technical	University	Global	Southern Denmark University	
Research & Technical	University	Global	University of Copenhagen	
Research & Technical	University	global	UNU	https://unu.edu/
Research & Technical	University	Hungary	Eötvös Loránd University	Secretary
Research & Technical	University	Hungary	University of Miskolc	Secretary
Research & Technical	University	International	LESEC (Laboratori d'Estudis Socials d'Enginyeria Civil)	Laboratory of Social Studies of Civil Engineering. LESEC
Research & Technical	University	International	LIM	Maritime Engineering Laboratory of the Universitat Politècnica de Catalunya-Barcelona Tech
Research & Technical	University	International	University of Groningen	Faculty of Arts
Research & Technical	University	International	University of Malta	Department of Geosciences

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Research & Technical	University	International	University of Twente	Engineering Technology
Research & Technical	University	International	Utrecht University	Geosciences
Research & Technical	University	Italy	CINIGEO (Università Bologna)	
Research & Technical	University	Italy	CRIET (Università Bicocca)	
Research & Technical	University	Czech Republic	Masaryk University, Brno	Faculty of Science
Research & Technical	University	Czech Republic	Palacky University, Olomouc	Faculty of Science
Research & Technical	University	Italy	Università della Calabria	
Research & Technical	University	Italy	Università di Bologna	
Research & Technical	University	Italy	Università di Camerino	
Research & Technical	University	Italy	Università di Catania	
Research & Technical	University	Italy	Università di Firenze	
Research & Technical	University	Italy	Università di Genova	
Research & Technical	University	Italy	Università di Milano	
Research & Technical	University	Italy	Università di Roma III	
Research & Technical	University	Italy	Università di Roma La sapienza	
Research & Technical	University	Italy	Università di Torino	
Research & Technical	University	Czech Republic	University of Chemistry and Technology, Prague	
Research & Technical	University	Czech Republic	VSB Technical University of Ostrava	<u>Faculty of Mining and Geology</u>
Research & Technical	University	Norway	Norwegian University of science and Technology, NTNU	Department of Geoscience and Petroleum
Research & Technical	University	Spain	Universidad Complutense de Madrid	Facultad de Cc. Geológicas
Research & Technical	University	Spain	Universidad de Barcelona	Facultad de Cc. Geológicas
Research & Technical	University	Spain	Universidad de Oviedo	Facultad de Cc. Geológicas / Escuela Técnica Superior de Ingeniería de Minas
Research & Technical	University	Spain	Universidad de Salamanca	Facultad de Cc. Geológicas

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Research & Technical	University	Spain	Universidad de Vigo	Facultad de Cc. Geológicas / Escuela Técnica Superior de Ingeniería de Minas
Research & Technical	University	Spain	Universidad Politécnica de Madrid	Escuela Técnica Superior de Ingenieros de Minas
Research & Technical	University	Malta	University of Malta	Department of Geosciences (https://www.um.edu.mt/r/research/mgss)
Research & Technical	University	Norway	University of Tromsø, UIT	Department of Geoscience
Research & Technical	University	Poland	Gdańsk University of Technology	Offshore Wind Energy Center
Research & Technical	University	Poland	Gdynia Maritime University	Maritime Institute 1.Spatial Policy Division; 2.Department of Maritime Hydrotechnics 3.Department of Maritime Geotechnics 4. Offshore Center
Research & Technical	University	Poland	Maritime University of Szczecin	Faculty of Marine Engineering
Research & Technical	University	United Kingdom	University of Exeter (GB)	
Research & Technical	University	Poland	University of Gdańsk	Faculty of Oceanography and Geography
Research & Technical	University	Poland	University of Szczecin	Institute of Marine and Environmental Sciences
Research & Technical	University	France	University of Lorraine (France)	
Research & Technical	University	Slovenia	University of Ljubljana, Faculty of Natural Sciences and Engineering	Department of geology