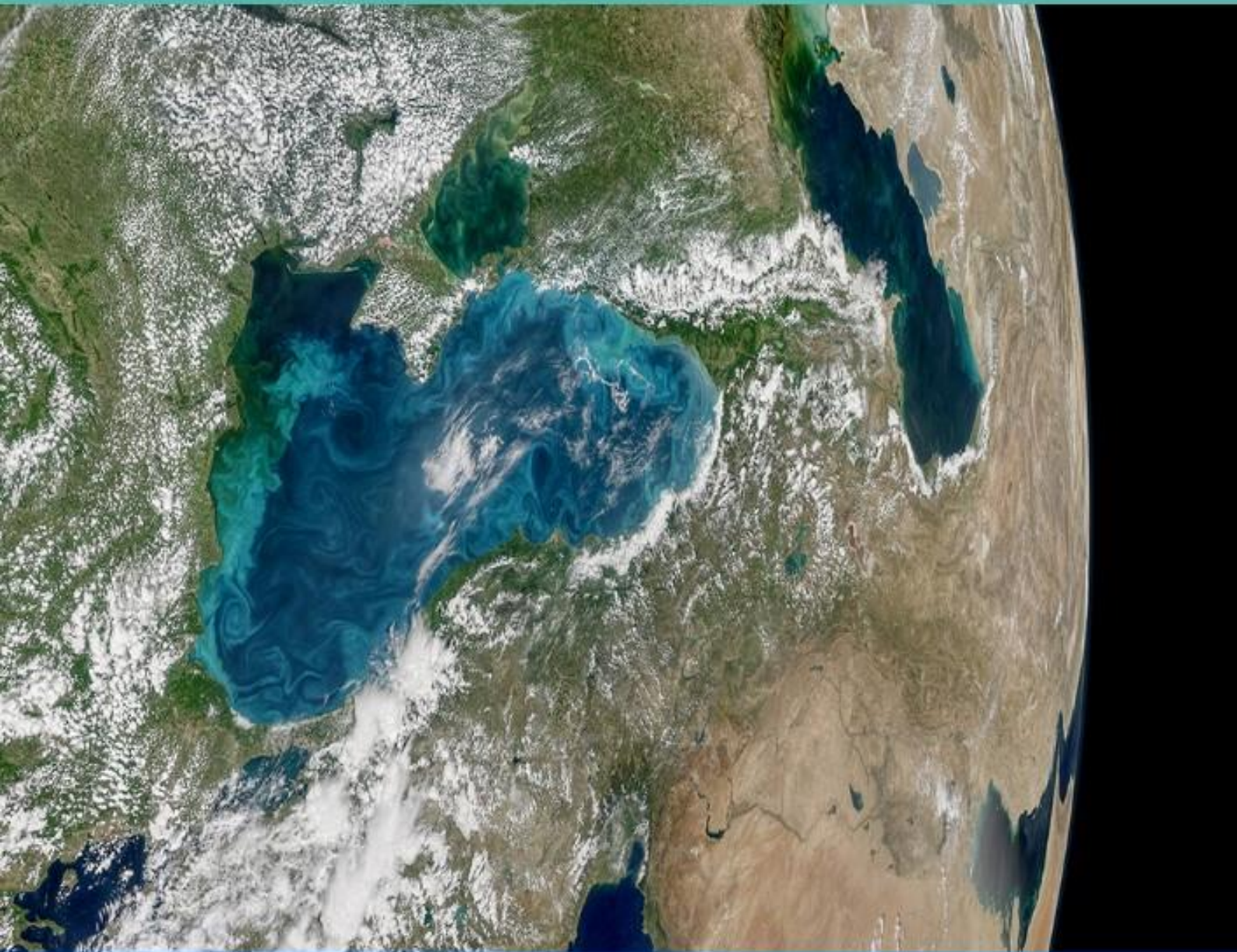


Black Sea

# Black Sea CONNECT



## D1.2 Data Management Plan



<b>DELIVERABLE ID:</b>	<b>WP1/D1.2/TASK 1.1</b>
<b>DELIVERABLE TITLE:</b>	Data Management Plan
<b>RESPONSIBLE PARTNER:</b>	METU
<b>CONTRIBUTORS:</b>	Baris Salihoglu (METU) Ezgi Sahin (METU) Mustafa Yucel (METU) Pinar Uygurer (METU)*
<b>TYPE</b>	Report
<b>DISSEMINATION LEVEL:</b>	PU
<b>FILE:</b>	Black Sea CONNECT_D1.2_DMP
<b>REVISION:</b>	V1
<b>DUE DATE OF DELIVERABLE:</b>	2020.03 (M6)
<b>ACTUAL SUBMISSION DATE:</b>	2020.03.31
<b>CALL</b>	H2020-BG-2018-2020 (Blue Growth) Coordination of marine and maritime research and innovation in the Black Sea
<b>TOPIC</b>	LC-BG-09-2019 Focus area: Building a low-carbon, climate resilient future (LC)

### Document History

REVISION	DATE	MODIFICATION	AUTHOR
0.1	2020.03.30	Document Creation	Baris Salihoglu (METU) Ezgi Sahin (METU) Mustafa Yucel (METU) Pinar Uygurer (METU)*

### Classification

This document is:

<b>Draft</b>	
<b>Final</b>	x
<b>Confidential</b>	
<b>Restricted</b>	
<b>Public</b>	x



The activities of the Black Sea CONNECT Coordination and Support Action are funded by the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 860055.

## Contents

Executive Summary .....	4
1. Data Summary .....	4
1.1. Purpose of the data collection the objectives of the project.....	4
1.1.1 Project Management Related Dataset .....	7
1.1.2 Project Outputs .....	7
i) Linked Entities .....	7
ii) Linked Projects .....	7
iii) Stakeholder Contact Collection .....	8
iv) Workshop Data and Meeting Outputs .....	8
1.2. The expected size of the data.....	10
1.3. Data utility .....	10
1.4. Re-use of data.....	10
2. FAIR data (Findable, Accessible, Interoperable and Re-usable data).....	10
2. 1. Making data findable.....	11
2.2. Making data openly accessible.....	11
2.3. Making data interoperable.....	12
2.4. Data re-use .....	12
3. Allocation of resources.....	12
4. Data security.....	12
5. Ethical aspects .....	13



## Executive Summary

This document is prepared to provide detailed information on the Data Management procedures that are deployed under the Black Sea CONNECT Coordination and Support Action. Despite the fact that the Black Sea CONNECT will not produce any scientific data, datasets for deliverables and project management processes will be used.

This Data Management Plan is prepared based on the Template Horizon 2020 Data Management Plan<sup>1</sup> (DMP) in line with the guidelines on FAIR Data Management<sup>2</sup> in Horizon 2020.

### 1. Data Summary

As a CSA, the Black Sea CONNECT does not produce classical scientific data based on novel research. Instead, it will collect information about stakeholders, funding agencies, marine and maritime policy, and metadata on ongoing and past research and innovation initiatives. Further, during the project, a large number of meetings will occur, where meeting minutes and official agendas will be generated. All this kind of information and data will be made available on the webpage of the project within one month of their production.

Black Sea CONNECT CSA, therefore, does not aim to generate Intellectual Property (IP) as it does not plan any classical research activities producing new scientific data or know-how. Also, the data and metadata produced during the project will follow, an open access policy. Although the generation of new research data is not proposed, joint research actions might generate data and knowledge that could require IP protection. In these cases, the ownership of the apparent IP and potentially exploitable results will belong to the responsible partner/s or external stakeholders that generated it. In any case, legal protection will be ensured. To avoid conflicts that might arise after the new IP has been generated, the share of the ownership and the modality of time releasing the IPR to the project partners and to the public community will be discussed in a preliminary phase, before the IP is generated. Details related to background IP of the participating institutions is specified in the Black Sea CONNECT consortium agreement. Consortium Agreement manages IP cases based on the guiding principles of Horizon 2020 and the EC on intellectual property rights (IPR) management.

#### 1.1. Purpose of the data collection the objectives of the project

The overall objective of the Black Sea CONNECT is to coordinate the development of the Strategic Research and Innovation Agenda (SRIA), based on the defined principles in the Burgas Vision Paper and support the development of the Blue Growth in the Black Sea. The SRIA and its Implementation Plan will guide stakeholders from academia, funding agencies, industry, policy and society to address together the fundamental Black Sea challenges, to promote blue growth and economic prosperity of the Black Sea region, to build critical support systems and innovative research infrastructure and to improve education and capacity building. The objectives of the project are as follow:

##### 1. Support the Black Sea Blue Growth Initiative to consolidate and update the SRIA

Black Sea CONNECT CSA will support the political actions of the Black Sea Blue Growth Initiative and will identify national-level priorities based on the SRIA to contribute to the development of national Blue Growth agendas. With national-level feedback, the SRIA will be updated to define

<sup>1</sup>[https://ec.europa.eu/research/participants/data/ref/h2020/other/gm/reporting/h2020-tpl-oa-data-mgt-plan\\_annotated\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/other/gm/reporting/h2020-tpl-oa-data-mgt-plan_annotated_en.pdf)

<sup>2</sup>[https://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/hi/oa\\_pilot/h2020-hi-oa-data-mgt\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf)



key framework conditions for the SRIA implementation with the contribution of the various stakeholder groups, including policymakers, regulatory agencies, researchers, and end-users.

## 2. Develop the SRIA Implementation Plan

An accountable and impactful SRIA Implementation Plan based on the key framework conditions to convert SRIA outputs into actions will be developed together and with national research funders and key stakeholders concerned.

## 3. The establishment of an operational network for the Black Sea Region

The Black Sea CONNECT will support the establishment of an operational stakeholder network based on the four pillars defined in the SRIA. In line with the Burgas Vision Paper, the CSA will facilitate the cooperation and coordination among the Black Sea countries and the EU to promote the alignment and convergence of national research and innovation activities and relevant initiatives and investments.

## 4. Support the design and implementation of new transnational joint activities

Supporting the design and implementation of new transnational joint activities will get inspiration from the four pillars of the SRIA. These activities will be defined together with relevant key actors and will eventually facilitate the cooperation of joint transnational actions

## 5. Making the Black Sea visible through empowered Black Sea societies

The project will address issues mentioned in the SRIA and will involve all relevant stakeholders, including scientists, policymakers, industry, and the public at large. It will spread competitiveness opportunities and comprehensively engage the public, increasing the awareness of the opportunities presented by Blue Growth. The objective is also to enhance awareness, understanding, and participation in several actions that will be designed in the course of the project

Data collected and processed under the Black Sea CONNECT for the outputs of the project is relevant to all objectives of the action. In line with these objectives, data will be collected within the framework of the project deliverables of the project.

WP	Del. No	Title	Lead Beneficiary	Dissemination Level
WP1	D1.1	Project Management Guide (Handbook)	METU	Report
WP1	D1.2	Data Management Plan	METU	ORDP
WP2	D2.1	Report on State of the art of Black Sea projects mapping and framework conditions	UkrSCES	Report
WP2	D2.2	First version of updated SRIA	IO-BAS	Report
WP2	D2.3	First draft of implementation plan	METU	Report
WP2	D2.4	Second, updated version of SRIA	IO-BAS	Report
WP2	D2.5	Report on agreed measures on medium- and long-term articulation beyond the CSA lifetime	GEOECOMAR	Report
WP2	D2.6	Final version of Implementation Plan	METU	Report
WP3	D3.1	Handbook of relevant Black Sea projects, initiatives and entities, including the modes of engagement	GEOECOMAR	Report



The activities of the Black Sea CONNECT Coordination and Support Action are funded by the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 860055.

<b>WP3</b>	D3.2	Report on the establishment of operational network, including a list of relevant funding agencies	NWIM RANEPa	Report
<b>WP3</b>	D3.3	Report on joint actions and their implementation status	BSEC	Report
<b>WP3</b>	D3.4	Black Sea Marine Innovation Report	IFREMER	Report
<b>WP3</b>	D3.5	Report on the activities on the operational network, its sustainability beyond the CSA and recommendations	GEOECOMAR	Report
<b>WP3</b>	D3.6	Revised handbook of relevant Black Sea projects, initiatives and entities	GEOECOMAR	Report
<b>WP4</b>	D4.1	Dissemination, Communication and Exploitation Plan	METU	Report
<b>WP4</b>	D4.2	Press Kit and Project Website	METU	Website
<b>WP4</b>	D4.3	Visibility and Dissemination mid-term Report	METU	Report
<b>WP4</b>	D4.4	Visibility and Dissemination final report	METU	Report
<b>WP5</b>	D5.1	POPD - Requirement No. 1	METU	Ethics
<b>WP5</b>	D5.2	H - Requirement No. 3	METU	Ethics

Table 1 Deliverables

Additionally, throughout the 3-year project, more data consisting of consortium members information, the intranet that is introduced for the purpose of file storing and sharing, limited personal data of stakeholders and Black Sea CONNECT-related event attendees, and Blue Growth newsletter subscribers (Under WP4) will be collected and processed. Overall, datasets that will be used in the Black Sea CONNECT can be categorized in 2 groups; **Project Management Related Dataset** and **Project Outputs**.

#		Dataset	Origin	Format
<b>1</b>	<b>Project Management Related Dataset</b>	Project management related deliverables (See Table 1)	Public	.docx +.pdf
		Black Sea CONNECT Intranet Platform	Confidential	N/A
		Multimedia files of events	Confidential	.jpg +.png+.m4a
		Blue Growth Newsletter Subscribers	Confidential	.xls
		Consortium Members E-mail list	Confidential	.xls
<b>2</b>	<b>Project Outputs</b>	Deliverable building on existing knowledge (WP2 and WP3 deliverables)	Public	.xls
		Primary Workshop Data/Meeting outputs	Confidential	.xls
		Stakeholder contact collection	Public	.docx +.pdf

Table 2 Dataset summary

Additional datasets may be used in the next 3 years. In the case of a new data-set, the DMP will be revised and edited accordingly.



### 1.1.1 Project Management Related Dataset

Even though the Black Sea CONNECT will not produce any scientific data, for a smooth implementation of the project, it will need to collect/process data. A part of project management data might include personal data of the consortium members. In this case, the data will be processed lawfully under the EU's GDPR Regulation. In D5.1 POPD - Requirement No. 1 and D5.2 H - Requirement No. 3, detailed information on the process of personal data and informed consent procedures are provided. These procedures will also apply to the consortium members.

This dataset, in general, except the Project Management Deliverables, is not of public interest and, therefore, will not be made public.

### 1.1.2 Project Outputs

The Black Sea CONNECT will draw on existing knowledge and literature on the about stakeholders, funding agencies, marine and maritime policy, metadata on ongoing and past research. The project outputs will be created with input from the linked entities, projects, primary workshop data, and meeting outcomes and stakeholder contact collection. During the data collection process for all project outputs, subjects including representatives from the linked entities and projects and stakeholders will be informed on the Black Sea CONNECT's open data policy. Further informed consent procedures will also apply to the subjects.

#### *i) Linked Entities*

In order to achieve the objectives, the CSA consortium includes strategic partners from each Black Sea country and leading EU institutions. The national institutions and their leading researchers in the marine, maritime, and economy fields are the key personnel with the capacity to link the action to all the relevant international and national stakeholders. The national stakeholders from each country will help develop the goals of the SRIA at the national level and establish academia-industry and research-policy partnerships. Moreover, key personnel from partners are members of the boards of key organizations such as research funding agencies, initiatives, international organizations (e.g., JPI Oceans, EU Marine Board, GFCM, FAO, BlueMed Group of Senior Officials (GSO), EUROGOOS, EMSO) and thus will provide the know-how of actions to be taken and contribute/advise based on their experience in similar activities. Black Sea CONNECT will also be linked to innovation clusters through these partners (e.g., Black Sea Maritime Cluster). IFREMER and KDM-HZG will link the project to similar efforts in other European basins as well as European marine and maritime clusters in France and Germany (e.g., Pole Mer Méditerranée and SUBMARINER Network). BSEC, one of the partners of the project and experienced in organizing co-funding mechanisms to support transnational projects, will support the project to implement the transnational joint activities. BSUN, leading a network of more than 100 universities from the 12 BSEC-member countries, brings in expertise on crosscutting education, innovation, and policymaking as well as awareness activities and links the action to a wider Black Sea community. The Black Sea Commission and the CSA partner TUBITAK played a leading role in the previously prepared Black Sea SEAS-ERA SRIA, upon which the Black Sea CONNECT work will build.

To create Project Outputs, input, databases, and other relevant information will be gathered with these strategic partners who have already declared their support to the project, which will consolidate the role of Black Sea CONNECT.

#### *ii) Linked Projects*

This action builds on past and on-going regional, international as well national and EU projects/initiatives (e.g., SEAS-Era ERA-NET, PERSEUS, COCONET, European research infrastructures such as EMBRC, Euro-



The activities of the Black Sea CONNECT Coordination and Support Action are funded by the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 860055.

Argo ERIC, ICOS ERIC and EMSO ERIC, Black Sea Economic Cooperation, DANUBIS-RI, etc.). It integrates research, policy, industry (including aquaculture), and society (including the preservation of local coastal cultures). The results, experience, and outputs of the linked projects will be used as an input for the Black Sea CONNECT outputs.

Many of the relevant initiatives are already a part of the Black Sea Blue Growth Initiative, which forms the core of this proposal's consortium. Within this objective, other initiatives and relevant stakeholders, including policymakers and representatives of local coastal cultures, will be involved in the project.

### *iii) Stakeholder Contact Collection*

Throughout the project, a large number of meetings will occur. During these meetings, the stakeholders' contact information will be collected. Stakeholders will include researchers, policymakers, NGOs, and other initiatives. Collected contact information consists of the name, institutional affiliation, position, e-mail address, and phone number.

Stakeholder contact information will be gathered in meetings as well as through the linked projects and entities. Some of these contacts will be used the D3.1 Operational Network, which is a public deliverable and, therefore, will be published on the project website and other Open Access repositories. It is important to note that not all collected stakeholders' contact information during the lifetime of the project might be relevant to the project outputs. In this case, they may not be publicly available.

### *iv) Workshop Data and Meeting Outputs*

As stated earlier, the Black Sea CONNECT is a CSA that will organize many national and international events of all sizes with relevant stakeholders. Some of these meetings will be in the form of workshops where the inputs from the stakeholders are collected. In these workshops, inputs may be collected in the form of video/audio recording, minutes of the meeting, and interviews. These inputs will be analyzed and used to feed into the deliverables and project outputs in general, which are public. That is to say that in a primary data form, these data will not be publicly distributed, but they will be incorporated into the project outputs.

In the same manner, meeting outputs (minutes, declarations, Q&A session questions etc.) will be gathered and analyzed to be used as inputs to the deliverables.

When collecting primary workshop data and meeting outputs and stakeholder contact information, informed consent procedures will be applied. Detailed information on informed consent procedures can be found in the D5.1 POPD - Requirement No. 1 and D5.2 H - Requirement No. 3.





#		Dataset	Relevant Deliverable	Description	Objective
1	<b>Project Management Related Dataset</b>	Project management related deliverables	D1.1, D1.2, D4.1, D4.2, D5.1, D5.2	Deliverables of the project defined in Annex 2 in the Grant Agreement. All deliverables except D5 Ethics requirements are public documents and will be published on the project website	N/A
		Black Sea CONNECT Intranet Platform	N/A	A password-protected project Intranet was set up to act as a repository for all working documents, minutes, reports, and multimedia files.	N/A
		Multimedia files of events	D4.3, D4.4	Throughout Black Sea CONNECT, many events will take place hosted by consortium members. During these events, participants' video and audio can be recorded, and photographs can be taken.	N/A
		Blue Growth Newsletter Subscribers	N/A	A dedicated newsletter will be developed and produced at 6-month intervals. The newsletter will be sent out to project partners, stakeholder contacts, and other interested individuals or organizations.	N/A
		Consortium Members E-mail list	N/A	An e-mail list has been created with the e-mail address of the partners involved in the project.	N/A
2	<b>Project Outputs</b>	Data, metadata of existing data/meta from linked projects and linked entities	D2.1	Building on the past and ongoing work of the Black Sea Initiative, this deliverable will identify the gaps, priorities, and research and innovation needs. Report on State of the art of Black Sea projects mapping and framework conditions	1,2
		Primary Workshop Data/Meeting outputs and data, metadata of existing projects, initiatives	D2.2, D2.4	The updated SRIA will address gaps, barriers, and bottlenecks on innovation and new technologies, scientific knowledge, and sustainable development of marine and maritime economic sectors. Outcomes of other deliverables will be used to feed into the Updated SRIA.	1,2
		Data, metadata of existing data/meta from linked projects and linked entities, Primary Workshop Data/Meeting outputs, Stakeholder contacts,	D2.3, D2.6	Dedicated meetings will be organised every year at the national and international levels to develop a viable and effective Implementation Plan for the whole Black Sea region.	1,2
		Data, metadata of existing data/meta from linked projects and linked entities, Primary Workshop Data/Meeting outputs, outputs of deliverables, Stakeholder contacts	D2.5	Just before the finalization of the Implementation Plan, a detailed report on the measures for medium and long-term legacy of the SRIA will also be produced as a part of this task.	1,2
		List of relevant funding agencies, Data, metadata of existing data/meta from linked projects and linked entities	D3.2	This deliverable will first identify national and international actors to establish a comprehensive platform: funders, universities and research centres, clusters, SMEs, NGOs, and alike. Public agencies and ministerial institutions will be an integral part of the platform as well.	3,4
		Stakeholder contacts, Primary Workshop/Meeting outputs	D3.3	The transnational joint will serve to demonstrate, in a pilot-scale, how blue growth research and innovation strategy will be implemented.	4,5
		Primary Workshop Data/Meeting outputs	D3.4	Stakeholders from science and research, policy-making, industry, business, and investment will be brought together at a thematic workshop or conference on "innovation for sustainability and economic growth in the Black Sea" to enhance communication and collaboration.	3,4
		Outputs of other deliverables, Data, metadata of existing data/meta from linked projects and linked entities	D3.5	A detailed report on the measures for medium and long-term legacy of the SRIA will also be produced	1
		Data, metadata of existing data/meta from linked projects and linked entities	D3.6, D3.1	The CSA will engage a wide range of projects, initiatives, and entities. This deliverable will present the final, revised handbook of relevant Black Sea projects, initiatives and entities	1,2,3

Table 3 Dataset description and purpose



### 1.2. The expected size of the data

This Data Management Plans is delivered on the 6<sup>th</sup> month of the CSA. Due to the scope of the project, the data size expected is hard to foresee at this stage.

Data related to already existing projects will cover projects in the Black Sea region in the last years, which will indicate a large number of projects.

Data related to the stakeholders is aimed to be extensive, considering the 14 partners involved in 6 Black Sea riparian countries and Germany, France, and Moldova.

The Black Sea CONNECT may also produce additional outputs (educational videos, games, etc.) during the project cycle.

### 1.3. Data utility

Publicly available data that will be published on the project website will be useful to the following actors

- National funding agencies
- Relevant ministries (Fisheries, Environment, Energy, Transport, Education, Tourism, Economy etc.) and local authorities (municipalities)
- Universities, institutes, research centers, Science and fisheries bodies/enterprises
- NGOs, CSOs, Initiatives, start-ups etc.
- Experts (Marine science, economy, sustainability, education, oceanography, etc.)
- Coastal communities
- Similar initiatives, projects, entities
- Society at large

### 1.4. Re-use of data

Black Sea CONNECT aims to map existing projects, initiatives, infrastructures, entities in the Black Sea region to feed SRIA accordingly and build its Implementation Plan in a way to fill identified gaps and needs of the region. For that purpose, D2.1 (Report on State of the art of Black Sea projects mapping and framework conditions), D3.1 (Handbook of relevant Black Sea projects, initiatives and entities, including the modes of engagement) and its revised version (D3.6) will be based on existing data and re-use information on the past and recent projects, initiatives and entities.

This will be done with the help of the partners and their own database of projects they took part in and database search on publicly available sources. Partners will also add their input on the Research and Innovation needs in their countries for some of these deliverables. As stated above, data from the linked entities and projects will also be used as inputs to the project outputs.

## 2. FAIR data (Findable, Accessible, Interoperable and Re-usable data)

Despite not being a scientific project that will conduct novel research, the Black Sea CONNECT project is committed to the European Union's Open Science Policy. Based on the principles of the Open Science Strategy, the Black Sea CONNECT project will make the project outputs FAIR (Findable, Accessible, Interoperable and Re-usable data) as early as possible in the implementation period.

The Black Sea CONNECT will also participate in the Open Research Data Pilot. Under Open Research Data Pilot Project, projects in designated areas of H2020 will participate in a pilot project to make the underlying data related to project outputs openly available for use by other researchers, innovative industries, and citizens. Publicly available data produced with Black Sea CONNECT will be published on the project website and Open Access repository (e.g. Zenodo).



## 2. 1. Making data findable

All project outputs (See *Table 2*) produced will be available on the project website. The data will be kept on the after the end of the project cycle for the use of stakeholders. No metadata will be needed, and additional information will be provided on the platform.

## 2.2. Making data openly accessible

*Table 4* indicates the openly available and not available data and justifications. For open data, which are the outputs of the project and project management related deliverables will be published on the project website, no software tools will be necessary. The data can be easily discovered via basic web search. It can be used, quoted, and cited by the interested parties without any permission. These will be also made available on the project website and OpenAIRE and connected Zenodo repository, that is an EC-funded initiative designed to promote such policies and help researchers, research officers and project coordinators comply with them by offering technical services like aggregating publications and data and identifying and listing projects and their research outputs.

#		Dataset	Data Openly Available (y/n)	Justification
1	<b>Project Management Related Dataset</b>	Project management related deliverables (See <i>Table 1</i> )	Yes	All (PM) associated deliverables will be made openly available. Based on the Grant Agreement, this does not apply to deliverables related to Ethics, which may contain confidential information.
		Black Sea CONNECT Intranet Platform	No	The list is created for the internal use of the consortium and therefore is not of public interest.
		Multimedia files of events	Yes (Partially)	Photos, videos, and audio recordings of the events will only be used partially for the promotion of the project when necessary upon the consent of the subjects.
		Blue Growth Newsletter Subscribers	No	The list is created for informing the interested parties on Blue Growth news. It involves subscribers' e-mails and, therefore, will not be made publicly available.
		Consortium Members E-mail list	No	The list is created for the internal use of the consortium and therefore is not of public interest.
2	<b>Project Outputs</b>	Deliverable building on existing knowledge (WP2 and WP3 deliverables)	Yes	Filterable and searchable database; can be accessed with a state-of-the-art web browser. No metadata needed; additional information will be provided on the platform
		Primary Workshop Data/Meeting outputs	No	The data from the workshops (recordings and transcriptions) will not be published as primary data. However, the categorization and analysis of the primary data will be used to feed into the updated SRIA and its Implementation Plan.
		Stakeholder contact collection	Yes (Partially)	Filterable and searchable database; can be accessed with a state-of-the-art web browser. No metadata needed; additional information will be provided on the platform.

*Table 4* Dataset, openly available data status and justification



Although the project is a CSA, technical papers and policy-related findings may be produced during the lifetime of the Project. These will also be accessible through the website and OpenAIRE Zenodo repository. In addition to the datasets stated above, the Black Sea CONNECT project may also produce more materials such as educational videos, games, online training courses. These materials will also be available or linked to the project website and OpenAIRE portal.

### 2.3. Making data interoperable

Outputs of Black Sea CONNECT, which will be made available as open data, will not be of research projects. They will simply aim to guide scientists, stakeholders, policymakers, and other interested parties in a vision for a healthy and resilient Black Sea by 2030 by promoting Blue Growth in the region. The outputs will also be easily accessible with basic office suits such as Microsoft Excel, Word, and Acrobat Reader DC. (See *Table 2*)

### 2.4. Data re-use

The public data made available via the project website and OpenAIRE portal will be available for download and re-use without any restriction. In order to preserve and maintain Black Sea CONNECT results beyond the end of the project, webpage, including the dataset repository, stakeholder network, will be maintained for further 10 years (hosting on the website of METU). In addition, through the course of Black Sea CONNECT, measures to ensure the long-lasting impact of this CSA will be developed. At the end of the project, the consortium will propose a list of actions to the Black Sea Blue Growth Initiative which will allow perpetuating the collaboration and cooperation of the Black Sea countries for Blue Growth. All data and information will also be archived on the main cluster repository at METU-IMS for further 10 years after the end of the project.

## 3. Allocation of resources

As Black Sea CONNECT does not aim to produce any scientific knowledge, the most important data set of the project, the outputs, will be publicly available through the website. The other data sets will be kept at the Intranet tool created specifically for the Black Sea CONNECT consortium.

Along with other services, the website and Intranet have been designed by the subcontractor under WP4 Visibility and Dissemination in compliance with the Grant Agreement Annex 2. At this point, no further costs and resources are foreseen.

The data management responsibility lies with the coordinator METU. The Directorate of Information Technologies in METU will support the data management processes. The Directorate supports the achievement of METU strategic goals by trying to prevent unauthorized disclosure, use, modification, and loss of university information assets. The primary objective of the Directorate is to reduce the risks of information security on the valuable information resources of the university by taking technical or administrative preventive measures and by intervening effectively when insufficient measures are applied. The Directorate will provide constant consultancy to make sure data collected processed lawfully, fairly and in a transparent manner under the Black Sea CONNECT and safeguarded.

## 4. Data security

A project Intranet was set up to act as a repository for all datasets stated above. It is designed specifically for the CSA's needs.

- The intranet platform is password-protected



The activities of the Black Sea CONNECT Coordination and Support Action are funded by the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 860055.

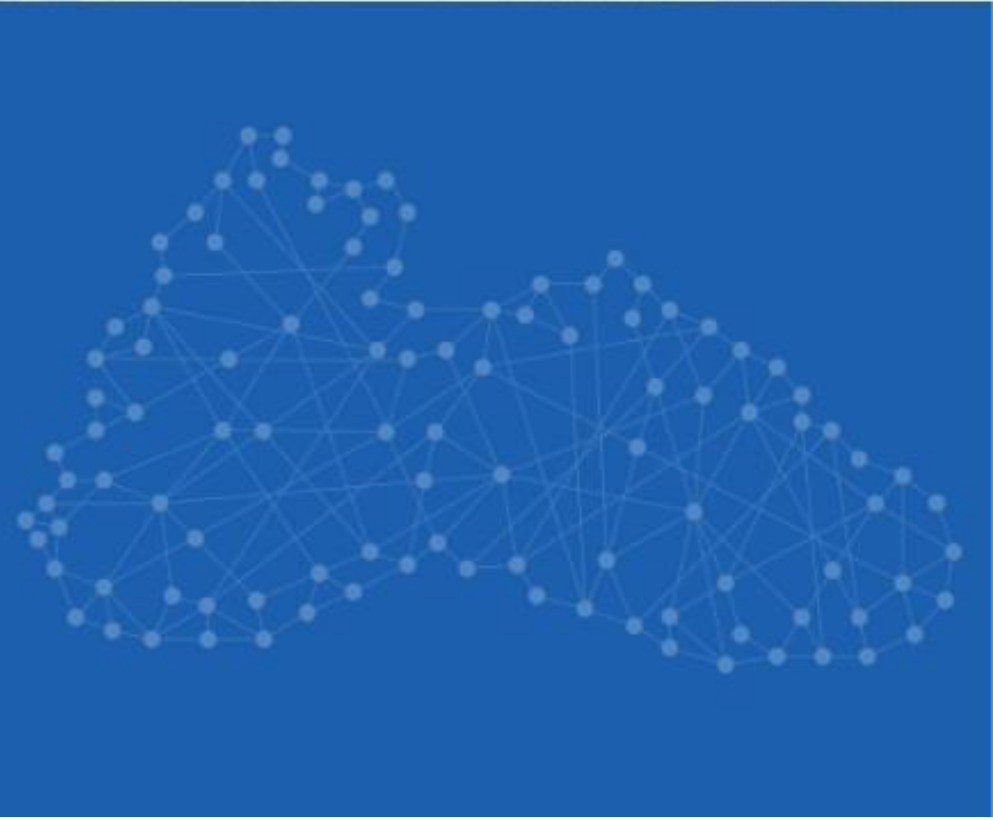
- The platform is only accessible by registered members. Registration is tracked and approved, denied or suspended by the administrators. There is a limit of 2 login attempts, after which the IP address gets locked out of the system, which prevents unauthorized access.
- The platform is managed by the CT, who holds the authority to manage the access of the members.
- The content and the Intranet itself are blocked to search engine indexing.

## 5. Ethical aspects

Ethics considerations for the Black Sea CONNECT project have been described in detail in D5.1 (POPD-Requirement No.1) and D5.1(H-Requirement No.3). To briefly cover some aspects:

- Black Sea CONNECT will not conduct experiments or surveys on human subjects. Limited personal data will be collected from the stakeholders and attendees of dissemination events upon consent. This data will be limited to name-surname, e-mail, photo, and video recordings.
- No sensitive data will be collected during the lifetime of the project. If collected unintentionally, it will be destroyed.
- Informed consent procedures in compliance with the GDPR regulations are being deployed. That is, the data subject is provided with the information relating to processing to the data subject in a concise, transparent, intelligible, and easily accessible form, using clear and plain language. This is done with the information and consent form that informs the subject on;
  - o the scope and purpose of the project
  - o benefits and risk of taking part in the activity they are taking part in
  - o safeguarding, privacy and confidentiality measures
  - o the fact that Black Sea CONNECT is a multi-partner project with both EU and Non-EU countries involved and, therefore, their limited data may be available for these partners.
  - o Whom to contact in case of a data-removal request.





@ConnectBlackSea



@connect2blacksea



Connect Black Sea

[www.connect2blacksea.org](http://www.connect2blacksea.org)