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1. Preamble

This document sets the policy for accessing data and information gathered by ADRIPLAN and will ensure that data are handled in a consistent and transparent manner. The policy aims to strike a balance between the rights of investigators and the need for widespread access through the free and unrestricted sharing and exchange of ADRIPLAN data, meta-data and data products. In agreeing to share, data providers need to have assurance that their data are properly handled, disseminated and acknowledged following similar principles and rules across countries and stakeholders. ADRIPLAN data policy is intended to be fully compatible with the Directive of the European Parliament and of the Council on public access to environmental information [1], the INSPIRE Directive [2], IOC [3], ICES[4], WMO[5], GCOS [6], GEOSS [7] and CLIVAR [8] data principles.

2. Subject matter and scope

This policy covers data, metadata and products on maritime uses, environmental conditions and planning documents which are acquired, processed and disseminated in the framework of ADRIPLAN.

ADRIPLAN doesn't collect any new data so the information it uses depends on the contribution from partners, according to their role in the project and the provisions of the Grant Agreement and the Partnership Agreement, and on data acquired from external sources. Part of the source data are provided directly by ADRIPLAN partners and a large part of data are made available by other organizations. Independent data policies associated to datasets and databases merged in the framework of ADRIPLAN will be included and correct citations will be assured. From source data, added value data products are created as part of ADRIPLAN's duties.

3. Objectives

The main goals of this data policy are:

- to allow ADRIPLAN's partners to discover, access, process and use as many data as possible to develop valuable MSP plans proposals, through the ADRIPLAN Data Portal
- to provide partners with pertinent, sound, updated, and accurate information
- to capitalize knowledge, efforts and investments from existing projects and national and international experiences
- to ensure acknowledgement to owners and producers of the data and information they will provide to ADRIPLAN
- to ensure that the conditions that are applied to the provided data will be documented and respected in the ADRIPLAN Data Portal
- to promote the widest possible dissemination and reuse of ADRIPLAN's products and outputs, not only to partners in the project but also to stakeholders, public administrations and citizens
- to adopt and promote the best and the most open international rules and licenses for sharing and reuse of data

4. Data provision

All data gathered within ADRIPLAN will be used and shared through ADRIPLAN Data Portal which will represent one of the working tools to implement Marine Spatial Planning in the Adriatic – Ionian Region. A minimum set of basic metadata is required to deliver data to ADRIPLAN, in order to allow correct use of the information. Basic metadata required include: data owner, contact person, access and use conditions.

Access and use of data is detailed in the following sections.

5. Access and Redistribution of data

Access to data and related metadata will be provided through the ADRIPLAN Data Portal.

All the data and information gathered from partners and external sources will contain, in their metadata (among other information), information about the owner and/or the producer of the data and a clear section on rights and freedoms/limitations for their access and use. This information will be provided by the owner/producer of the data and will, as much as possible, follow international best practices and licenses.

A useful example is provided by the standard vocabularies developed and agreed at European level within the framework of SeaDataNet infrastructure [9]; commonly agreed access policies are reported in the following table (BODC Vocabulary L08: http://seadatanet.maris2.nl/v_bodc_vocab_v2/search.asp?lib=L08):

Code:	Label:	Definition:
UN	unrestricted	The data are freely available to anybody and may be used for any purpose. Usage acknowledgement may be required.
SR	academic	The data are freely available for research and education purposes. Usage acknowledgement is usually expected.
LI	licence	Conditions of supply and usage of the data are specified in a formal agreement.
RS	by negotiation	The data are withheld from general circulation and disclosure but access may be obtained on a case-by-case basis through negotiation.
OG	organisation	The data are unrestricted to members of an organisation or a virtual organisation (such as project or cruise participants) but restricted to anybody else.

Table 5 List of the main data policies codes and definitions according to the European infrastructure SeaDataNet.

All the metadata will be made available without any restriction, to allow discovery of resources, acknowledgement of sources, access to more detailed information and contacts.

All the products produced in ADRIPLAN will be made available to partners, stakeholders and general public, following the objective defined in the Objectives section and with a clear license applied (described in the Licenses section).

6. Recognition of data source

High attention will be dedicated to correctly acknowledge the source of data, through the inclusion of relevant information in the metadata.

To promote mobilization of scientific data relevant for ADRIPLAN and to facilitate proper recognition of data source, the attribution of Datacite DOI® (Digital Object Identifier) to valuable datasets is strongly encouraged. OGS is acknowledged as DOI-issuing authority by DataCite (<http://www.datacite.org/>) and is in charge of assigning Digital Object Identifiers according to the rules detailed in the IOC Manuals and Guides 64 [10].

7. Licenses for ADRIPLAN outputs and products

As stated in the Preamble, international and local government and institutions are more and more pushing Public Administrations and the scientific community to adopt open practices to share their data and to use open licenses for the dissemination of these data.

Among the various licenses available for this purpose, one of the most widely used is the set of Licenses created by Creative Commons (CC, <http://creativecommons.org>). Creative Commons provide a simple, standardized way to give the public permission to share and use your creative work — on conditions of your choice. CC licenses (<http://creativecommons.org/licenses/>) let you easily change your copyright terms from the default of "all rights reserved" to "some rights reserved." Creative Commons licenses are not an alternative to copyright. They work alongside copyright and enable you to modify your copyright terms to best suit your needs.

ADRIPLAN encourages partners and data provider to evaluate whether one of the available CC Licences adapt to their needs and, in that case, adopt it as the licence for their data.

ADRIPLAN has decided to adopt, for outputs and products it will produce, the Creative Commons Attribution (CC BY) license.



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"This license lets others distribute, remix, tweak, and build upon your work, even commercially, as long as they credit you for the original creation. This is the most accommodating of licenses offered. Recommended for maximum dissemination and use of licensed materials."

As highlighted many times, existing data policies will be the basis for the access and use of data provided by partners and external source. In case the policies of access and reuse of source data conflict in any way with the CC BY license adopted for ADRIPLAN outputs, specific agreements will be set up to resolve the conflict.

8. Warranty

ADRIPLAN data are provided 'as is' to users without warranty of any kind, either express or implied, including quality and suitability for any purpose.

9. Quality

Data providers shall retain the primary responsibility for the quality of the data they produce and distribute. For data produced by ADRIPLAN, the ADRIPLAN shall strive to publish quality metadata including, where appropriate, information on transparency, accuracy, relevance, timeliness, consistency and comparability.

10. Review

Technological shifts in Information and Communication Technologies are impacting data collection, processing and use in innovative ways. This data policy is designed to enable these opportunities to be explored and used. To enable the benefits of these developments to be fully achieved, this policy might be reviewed at regular intervals.

11. References

- [1] Directive 2003/4/EC of the European Parliament and of the Council of 28 January 2003 on public access to environmental information and repealing Council Directive 90/313/EEC (<http://ec.europa.eu/environment/aarhus/index.htm>).
- [2] INSPIRE Directive for spatial information in the Community (<http://inspire.jrc.it/home.html>)
- [3] IOC Data Policy (<http://ioc3.unesco.org/iode/contents.php?id=200>)
- [4] ICES Data Policy 2006 (https://www.ices.dk/Datacentre/Data_Policy_2006.pdf)
- [5] WMO Resolution 40 (Cg-XII; see <http://www.nws.noaa.gov/im/wmor40.htm>)
- [6] Implementation plan for the Global Observing System for Climate in support of the UNFCCC, 2004; GCOS – 92, WMO/TD No.1219.
- [7] Global Earth Observation System of Systems GEOSS 10-Year Implementation Plan Reference Document (Final Draft) 2005. GEO 204. February 2005.
- [8] CLIVAR Initial Implementation Plan, 1998; WCRP No. 103, WMO/TS No. 869, ICPO No. 14. June 1998.
- [9] SeaDataNet Data Policy (<http://www.seadatanet.org/content/download/3899/29604/file/SeaDataNet%20Data%20Policy%20.pdf> last access 01/03/2014)
- [10] IOC Manuals and guides No. 64 Ocean Data Publication Cookbook. Leadbetter, A., Raymond, L., Chandler, C., Pikula, L., Pissierssens, P., Urban, E., UNESCO, 2013