

NATURE-SDI plus: Best Practice Network for SDI in Nature Conservation



"Imagine how our life would be void if we couldn't enjoy the beauty of nature, the presence of the animals, the magnificence of the mountains and the expanse of the oceans....." Dalai Lama

The establishment of Natura 2000 and the new transboundary EU approach for protected sites management has enforced the link between nature conservation and geo-information. This has generated the need for interoperable and accessible EU harmonised datasets. The link is also addressed by the INSPIRE Directive which pursues an EU Spatial Data Infrastructure to support environmental policies.

Nature-SDIplus Network aims, through state-of-the-art methodologies and best practice examples, to improve harmonisation of national datasets and make them more accessible and exploitable. Therefore, it contributes to the INSPIRE implementation with specific reference to a cluster of data themes on nature conservation (as per the INSPIRE Annexes):

- Protected sites (Annex I);
- Biogeographical regions, Habitats and biotopes, Species distribution (Annex III).

The main objective of Nature-SDIplus Network is to: involve new stakeholders; share data and best practices; improve and stimulate exploitation and the re-use of information on nature conservation.

The proposed project will analyse the usability and accessibility of data. The results of this analysis will be used to propose a new work item for a standard metadata profile and data model compliant with the INSPIRE Directive and in coordination with CEN/TC 287 Geographic information.

Representative datasets will be provided by the partners from many EU Member States. The proposed project will define a common multilingual and multicultural approach for a simpler, standard access to spatial data. A demonstration geoportal, supported by web services, will provide data accessibility for the different stakeholders. This geoportal will then afford a means to actively engage the stakeholders.

Through networking activities a Nature-SDIplus Community will be established. This Community will address the relevant themes on a consensus building approach. This Community will also demonstrate the effectiveness of the Nature-GIS thematic SDIC that is already registered with INSPIRE. The proposed project will, through training and dissemination, ensure that widespread awareness is achieved.

Project ID card

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Links

- Nature-sdi.eu

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KATHOLIEKE UNIVERSITEIT LEUVEN	BELGIUM
URSIT OOD	BULGARIA
STRANDJA NATUR PARK DIRECTORAT	BULGARIA
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CENTRE NATIONAL DU MACHINISME AGRICOLE, DU GENIE RURAL, DES EAUX ET DES FORETS	FRANCE
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V	GERMANY
EPSILON INTERNASIONAL ANONYMI ETAIREIA MELETON KAI SYMVOULON (EPSILON INTERNATIONAL SA)	GREECE
UNIVERSITY OF WEST HUNGARY	HUNGARY
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FONDAZIONE GRAPHITECH	ITALY
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