EuroSDR

European Spatial Data Research

Sustainable Business Models for Open Geospatial Data

Instructors:

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Target audience: Staff of national mapping agencies, researchers, academia, graduate students, private companies.

Preconditions: There is no precondition for attending this course; everyone can participate. It would be welcomed if participants have some experience with open (geospatial) data

Course objectives: Geospatial and earth observation data are labelled in the EU Open data directive as High Value. As National Mapping and Cadastre Agencies (NMCAs) in Europe are key providers of these valuable types of data and as there is no such thing as a free lunch, NMCAs are enforced to provide geospatial for free but at a cost for themselves. This course will identify and analyse relevant business models that provide open data in a sustainable way. It is the intention that course participants build a strategic sustainable open (geospatial/Earth Observation) data business model for their organization or an imaginary one.

Topics tackled: open data, open data ecosystems, innovation, business models

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Module 1: Open data basics and value chain (Joep Crompvoets / Frédéric Cantat)

In this first module, the basic concepts and knowledge of Open data (where does it come from, motivation, status, regulations, pros and cons etc.) and their ecosystems will be explained. In addition, participants will get familiar with the characteristics related to geospatial data value chain (from data acquisition to dissemination and reuse).

Module 2: Sustainable open data business models (Joep Crompvoets / Frédéric Cantat)

Several relevant business models providing open data in a sustainable way will be presented and analysed in this second module. Participants will figure out which criteria and/or conditions need to be fulfilled according to the context for building potential successful business models.

Module 3: Sustainable open data ecosystems (Joep Crompvoets / Frédéric Cantat)

In this third module, the bridge will be made from geospatial open data business models to sustainable (geospatial) open data ecosystems. This will be achieved by leveraging standards and/or authoritative open data and innovation. Participants will evaluate their organization (or an imaginary/model one) by using an analysis grid.

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Sustainable Open Data Business Models
for NMCAs

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Official Survey Report