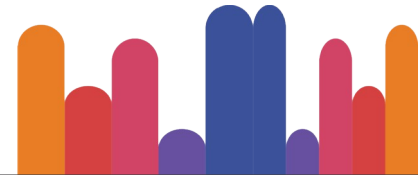




*Integrated Climate Adaptation Service Tools  
for Improving Resilience Measure Efficiency*



## Data Management in H2020 Projects

How OpenAIRE and Zenodo can help

Pascal Dihé, CIS

CLARITY Consortium Meeting  
Madrid 6. September 2017

<http://www.clarity-h2020.eu>



H2020-SC5-2016-TwoStage  
Grant agreement no.: 730355

# Reporting Obligations and how **OpenAIRE** can help



- A list of publications on the project website is **not sufficient!**
  - Publications & research data must be deposited in a **online repository**
  - Publications (including deliverables) must be made available in the **R&I Participant Portal**
- **OpenAIRE** (<https://www.openaire.eu>)
  - EC-funded initiative in support of EU **Open Access** policies
  - supports H2020 funded projects in fulfilling their **obligations** regarding Open Access
  - catalogue of Europe's **interlinked** research artefacts (literature, research data, software).
  - **integrates compatible repositories (Zenodo!) with R&I PP**

# Open Data Obligations and how **Zenodo** can help



- We have to choose a **data repository** for depositing our open (research) data !
  - If the chosen repository is **OpenAIRE compliant**, it will automatically synchronized (harvested) EC Open Research & Data Catalogs
- **Zenodo** (<https://zenodo.org/>)
  - EC-cofunded, multidisciplinary repository for **publications, data and software**
  - Data is securely stored in **CERN's cloud infrastructure**
  - Zenodo is considered **OpenAIRE's "catch-all" repository**
  - Advanced features like: **community-building, controlled access** to confidential research data, GitHub Integration, etc.

# OpenAire Zenodo FactSheet

## How do I use Zenodo?

### Share your research output in 3 steps!

Zenodo offers simple and easy-to-use data archiving with maximum autonomy. The clear web interface allows you to easily upload your content in just a few steps.



## Upload

Any size/format  
Any science  
Any research output

Sign-in locally or using your GitHub or ORCID credentials. Easily upload files of up to 50 GB.

## Describe

Reusable for others  
Link to related research  
Open, embargoed and closed content

Next, describe your content so others can find it. Also add funding and license information and pre-reserve a DOI for your upload here. Optionally you can select a community.

## Publish

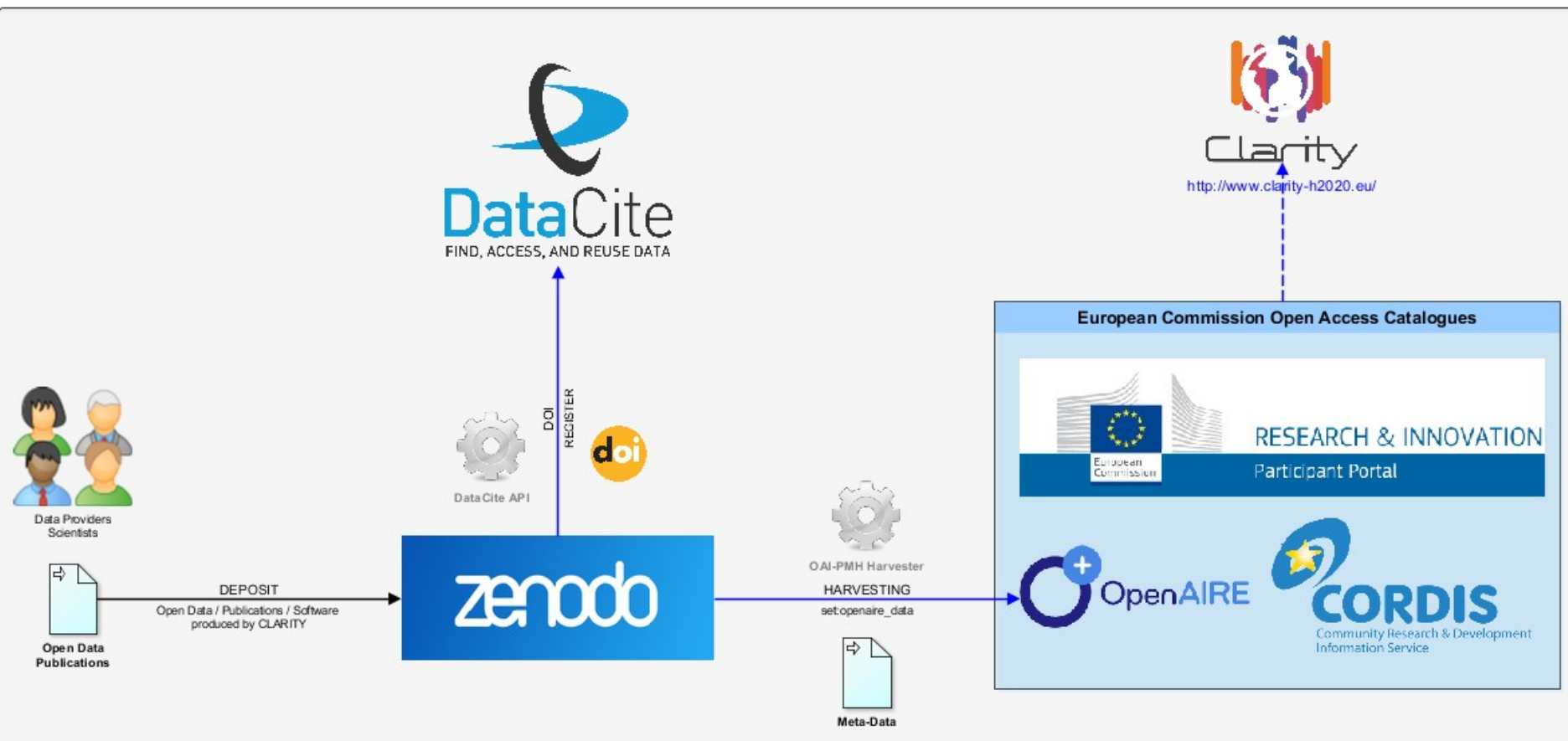
Instantly available  
DOI: Citeable. Discoverable.  
Article Level Metrics

Submit to finalize your upload and publish. After a quick spam-check, your content will be available immediately. Open access uploads will also be visible on Zenodo's front-page.

Zenodo enables and encourages you to share your research as openly as possible to maximize use and re-use of your research results. However, we also acknowledge that one size does not fit all. Therefore, while we encourage open licenses where possible, we also allow for uploading under a variety of different licenses and access levels.



# Zenodo & OpenAire: Deposit once, publish everywhere



# Example: CLARITY and Zendo + OpenAire + CORDIS OpenAIRE



Browser tabs: Integrated Climate Ad..., OpenAIRE - Project: In..., European Commissio..., Sharing Water-related..., OpenAIRE - Project: S..., European Commissio..., Standard Information ..., OpenAIRE - Publicatio..., Releases - switchonpr..., Open Data Registratio..., Zenodo

Browser address bar: http://cordis.europa.eu/project/rcn/210518\_en.html

Browser extensions: Gehe zu, Google

CORDIS Community Research and Development Information Service

European Commission > CORDIS > Projects and Results > Integrated Climate Adaptation Service Tools for Improving Resilience Measure Efficiency

Search [ ] Sign in

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**CLARITY**

Project ID: 730355  
Funded under: [H2020-EU.3.5.1. - Fighting and adapting to climate change](#)

**Integrated Climate Adaptation Service Tools for Improving Resilience Measure Efficiency**

From 2017-06-01 to 2020-05-31, ongoing project

**Project details**

<b>Total cost:</b> EUR 5 882 535	<b>Topic(s):</b> <a href="#">SC5-01-2016-2017 - Exploiting the added value of climate services</a>
<b>EU contribution:</b> EUR 4 999 998,75	<b>Call for proposal:</b> H2020-SC5-2016-TwoStage <a href="#">See other projects for this call</a>
<b>Coordinated in:</b> Austria	<b>Funding scheme:</b> IA - Innovation action

**Objective**

Urban areas and traffic infrastructure linking such areas are highly vulnerable to climate change. Smart use of existing climate intelligence can increase urban resilience and generate added value for businesses and society at large. Based on the results of FP7 climate change, future internet and crisis preparedness projects (SUDPLAN, ENVIROFI, CRISMA) with an average TRL of 4-5 and following an agile and user-centred design process, end-users, purveyors and providers of c...

**Coordinator**

AIT Austrian Institute of Technology GmbH  
Donau-City-Strasse 1  
1220 WIEN

Austria

**EU contribution:** EUR 808 810

# Example: SWITCH-ON (FP7) and Zendo + OpenAire + CORDIS OpenAIRE



The screenshot displays the Zenodo Open Data Registration Tool interface. The browser address bar shows the URL <https://zenodo.org/record/826862>. The Zenodo logo and navigation links (Search, Upload, Communities) are at the top. The user profile is [pascal@cismet.de](#).

**Open Data Registration Tool**

July 13, 2017

Dihé, Pascal

The SWITCH-ON Open Data Registration tool (ODR Tool) is a user friendly web tool supporting the basic profile of the SWITCH-ON Meta Data Model (D2.6). In a wizard-like setup, an end-user can describe the dataset with a limited number of compulsory meta-data fields and a DOI (digital object identifier) can be obtained from zenodo.org. As an optional step a dataset can be selected for upload. In this way, both newly produced datasets (e.g. by a researcher) or an existing dataset (available on the internet and findable by a URL) can be properly registered with the required amount of meta-data.

**Preview**

**Files (12.0 MB)**

Name	Size	Preview	Download
<b>switchonproject-sip-html5-resource-registration-odrtool-v1.2.1.zip</b>			
md5:aef96a7e720b9a891262ca7ddab56f17			

**Files (12.0 MB)**

- switchonproject-sip-html5-resource-registration-40db15d
  - bowerrc (44 Bytes)
  - gitattributes (290 Bytes)
  - gitignore (172 Bytes)
  - jshinttrc (423 Bytes)
  - Gruntfile.js (29.1 kB)
  - LICENSE (7.6 kB)
  - README.md (286 Bytes)
  - app
    - data
      - countriesEurope.json (12.7 kB)
      - countriesWorld.json (66.3 kB)
      - datasetTemplate.json (2.5 kB)
      - representationParameterTemplate.json (322 Bytes)
      - representationTemplate.json (448 Bytes)
      - switch-on-registration-guide.pdf (139.9 kB)
      - switch-on-upload-guide.pdf (205.7 kB)

**Publication date:** July 13, 2017

**DOI:** [10.5281/zenodo.826862](https://doi.org/10.5281/zenodo.826862)

**Keyword(s):** [open-data](#) [zenodo](#) [metadata](#) [doi](#)

**Grants:** [European Commission](#)

- SWITCH-ON - Sharing Water-related Information to Tackle Changes in the Hydrosphere - for Operational Needs (603587)

**Related identifiers:**

**Cites:** [10.5281/zenodo.826866](https://doi.org/10.5281/zenodo.826866)

**Supplement to:** <https://github.com/switchonproject/sip-html5-resource-registration/tree/odrtool-v1.2.1>

**Communities:** [FP7 Outputs](#), [Sharing Water-related Information to Tackle Changes in the Hydrosphere - for Operational Needs \(SWITCH-ON\)](#)

**License (for files):** [GNU Lesser General Public License 3.0](#)

- **CLARITY publications and open data in OpenAIRE:**
  - [https://www.openaire.eu/search/project?projectId=corda\\_\\_h2020::42171f776c336559bebf4a4ec817d79a](https://www.openaire.eu/search/project?projectId=corda__h2020::42171f776c336559bebf4a4ec817d79a)
- **CRISMA OpenAIRE publications linked in cordis:**
  - [http://cordis.europa.eu/project/rcn/102347\\_en.html](http://cordis.europa.eu/project/rcn/102347_en.html)
- **CLARITY community in zenodo**
  - <https://zenodo.org/communities/clarity/?page=1&size=20>
- **Publications, Data and Software in Zendo**
  - <https://zenodo.org/record/826866>
  - <https://zenodo.org/record/581465>
  - <https://zenodo.org/record/826862>





## Thank you for your attention

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[www.clarity-h2020.eu](http://www.clarity-h2020.eu)

