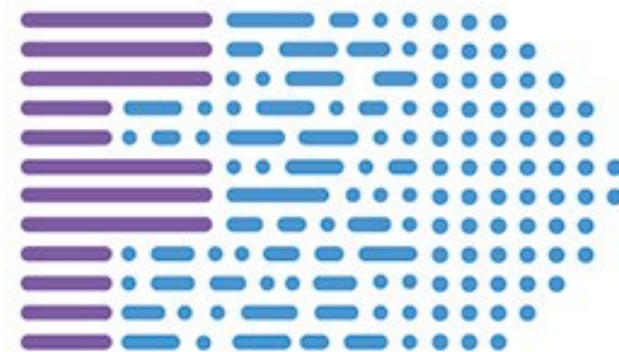


Ricardo Saraiva & Pedro Principe
Universidade do Minho (OpenAIRE)

ZENODO

Repositório de Dados Abertos do OpenAIRE & CERN



3º FÓRUM
**GESTÃO DE DADOS
DE INVESTIGAÇÃO**
6 DE NOVEMBRO 2017 | BRAGA
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www.openaire.eu

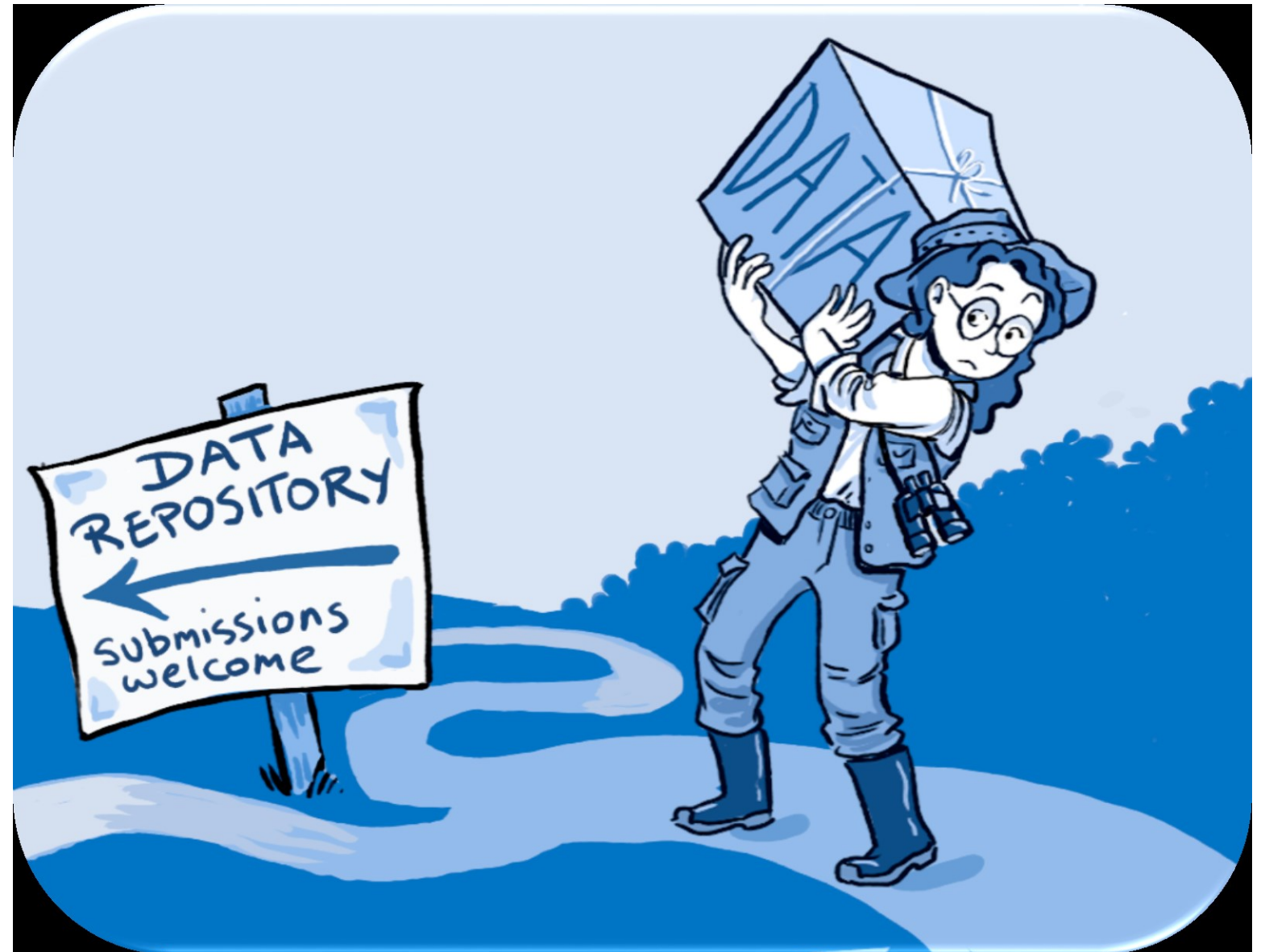
REPOSITÓRIOS DE DADOS ABERTOS

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CITAR

REUTILIZAR

PRESERVAR



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RESEARCH DATA - OPEN BY DEFAULT



Dados abertos de Investigação no H2020



Requisitos que visam melhorar e maximizar o acesso e a reutilização dos dados de investigação gerados por projetos financiados pela CE.



Horizon 2020 already mandates open access to all scientific publications

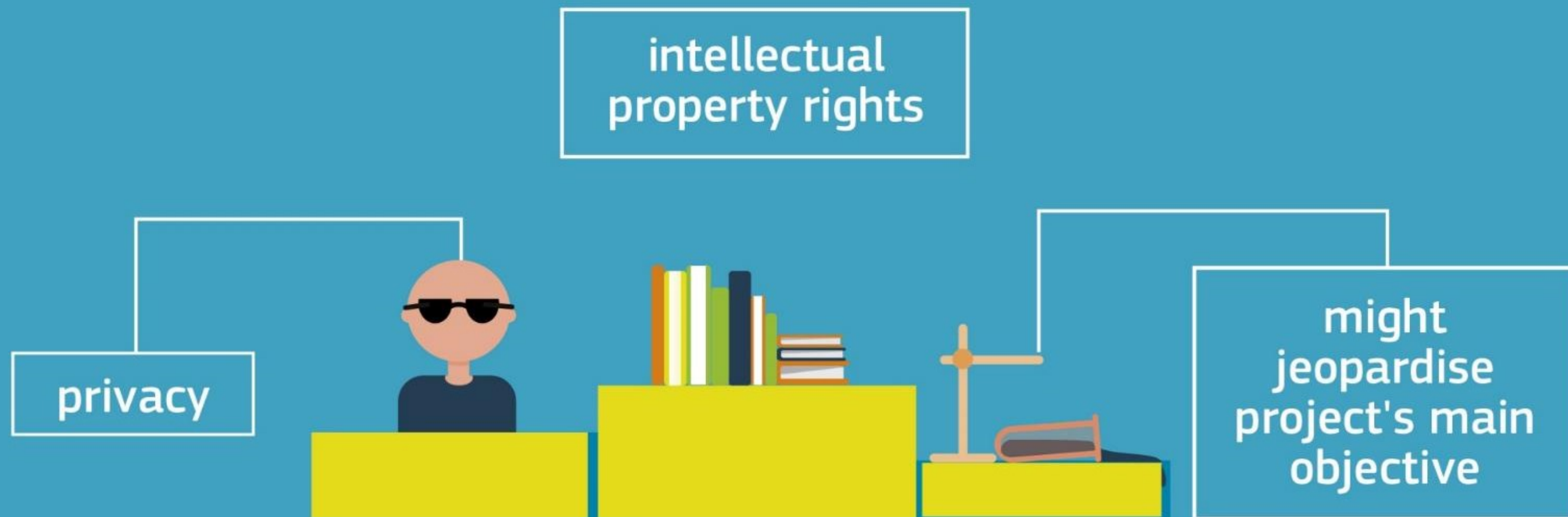


From 2017,
research data is
open by default,
with possibilities to **opt out**



AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Grantees have the right to **opt-out**, but need to say **why**



Requisitos do Open Research Data no H2020

QUE DADOS?

DADOS para validar os resultados apresentados em publicações científicas.



Outros dados, conforme especificado no plano de gestão de dados.

Requisitos do Open Research Data no H2020 **COMO?**

Criar e manter atualizado um plano de gestão dos dados

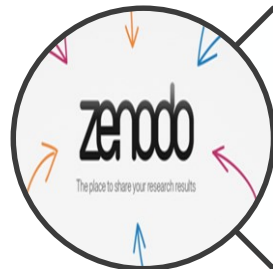
Assegurar o depósito dos dados num repositório



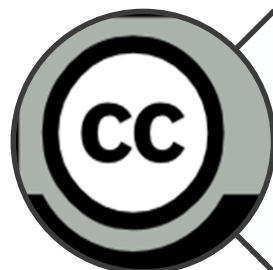
Requisitos na prática (simplificados)



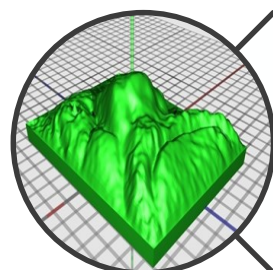
Criar um plano de gestão dos dados



Assegurar o depósito num repositório



Associar licenças CC

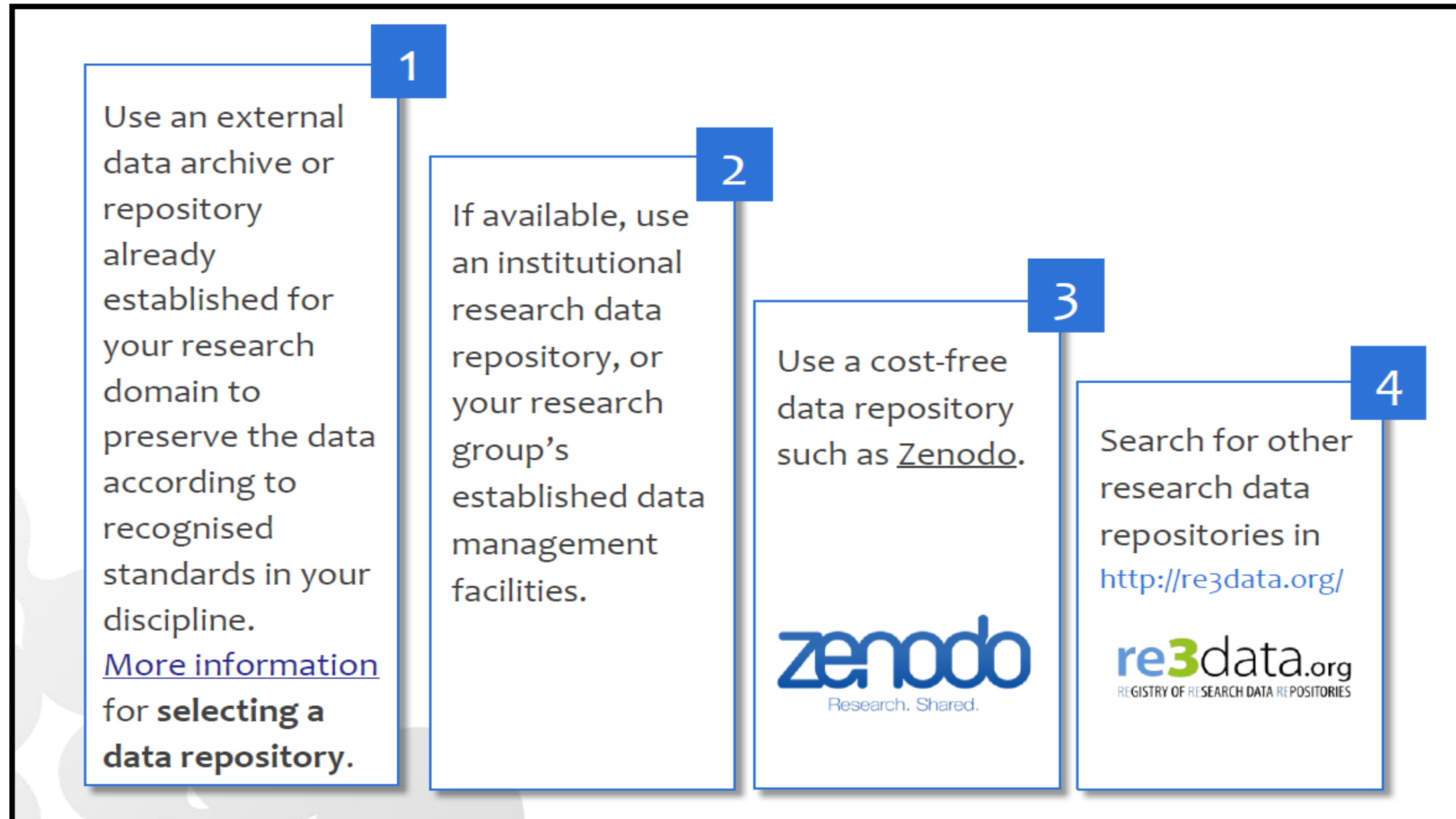


Providenciar informação sobre ferramentas

O foco deve ser o **planeamento** >> para a disponibilização dos dados, facilitando o depósito e a licença para permitir a **reutilização**.

Requisitos do Open Research Data no H2020

DIRETRIZES FINANCIADORES DA CIÊNCIA



zenodo

The Zenodo logo consists of the word "zenodo" in a white, lowercase, sans-serif font, centered within a solid blue rectangular box.

Software

INVENIO 

Powered by Invenio v3

Zenodo is the first site to launch on the upcoming Invenio v3 state-of-the-art digital library framework, rebuilt from ground-up to support millions of publications and very large research datasets. Thanks to the new Invenio 3 architecture we will be able to increase our development speed in order to launch more high quality features and improvements in the future.

Zenodo (OpenAIRE/CERN repository)

(All) Research.
Shared.

— your one stop research shop!

All research outputs from across all fields of science are welcome! Zenodo accept any file format as well as both positive and negative results. However, we do promote peer-reviewed openly accessible research, and we do curate your upload before putting it on the front-page.

Citeable.
Discoverable.

— be found!

Zenodo assigns all publicly available uploads a Digital Object Identifier (DOI) to make the upload easily and uniquely citeable. Zenodo further supports harvesting of all content via the OAI-PMH protocol.

Community
Collections

— create your own repository

Zenodo allows you to create your own collection and accept or reject all uploads to it. Creating a space for your next workshop or project have never been easier. Plus, everything is citeable and discoverable.

Safe

— more than just a drop box!

Your research output is stored safely for the future in same cloud infrastructure as research data from CERN's [Large Hadron Collider](#) using a CERN's battle-tested repository software [INVENIO](#) used by some of the world's largest repositories such as [INSPIRE HEP](#) and [CERN Document Server](#).

Reporting

— tell your funding agency!

Zenodo is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Just upload your research on Zenodo and we will take care of the reporting for you. We plan to extend with further funding agencies in the future so stay tuned!

Flexible
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Zenodo encourage 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, and therefore allow for uploading under a multitude of different licenses and access levels*.

* You are responsible for respecting applicable copyright and license conditions for the files you upload.



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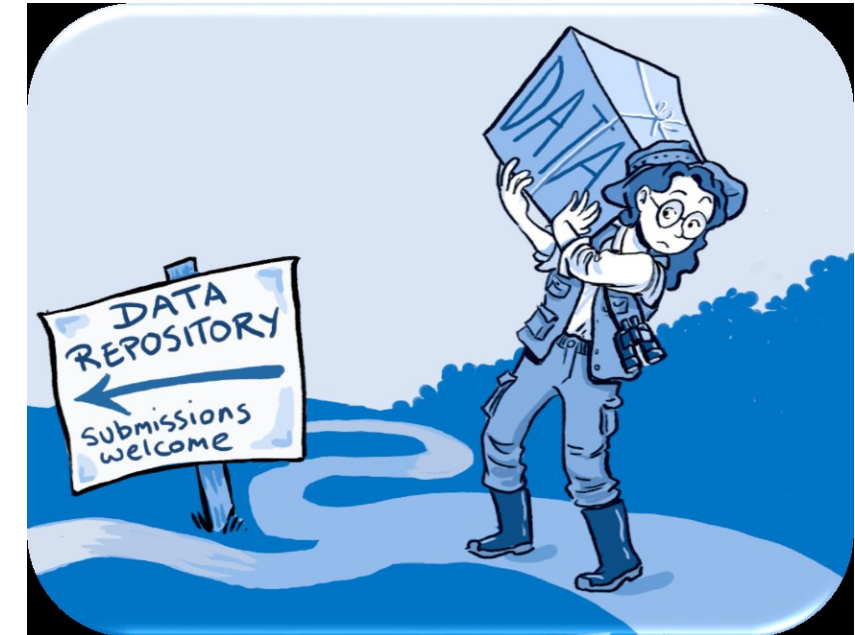
FLEXIBLE LICENSING
NOT EVERYTHING IS UNDER
CREATIVE COMMONS.

H2020: Option to gather, preserve and share project's scientific output

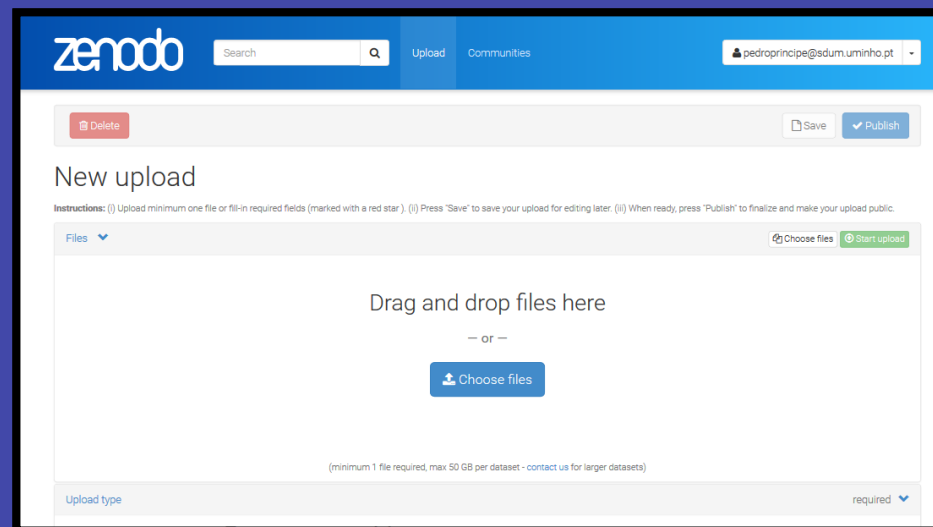


Algumas características do Zenodo:

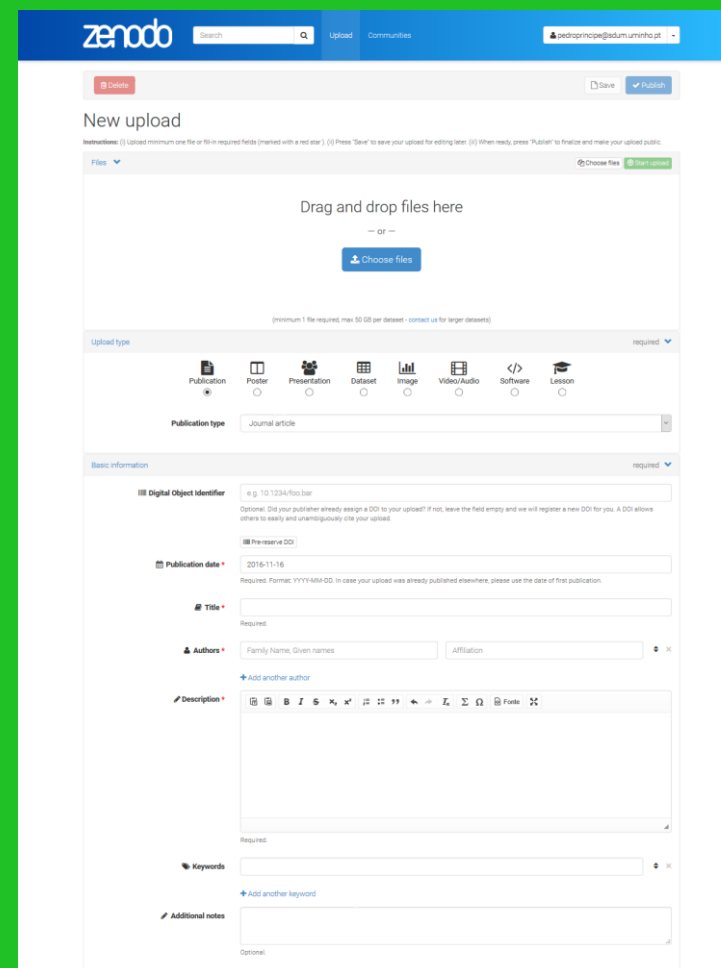
- Repositório *catch-all* para investigação financiada pela CE.
- Aberto a todo o tipo de resultados de investigação e de todas as disciplinas.
- 50 GB por *upload*.
- Dados armazenados no *data center* do CERN.
- Atribuição de identificadores persistentes (DOIs) .
- Serviço livre e gratuito para a “*long tail of Science*”.
- Possui integração com GitHub, possibilitando a citação de código aí armazenado.
- Fácil identificar financiamento do espaço europeu de investigação (H2020, WT, FCT...) OpenAIRE.



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Upload type

Publication Poster Presentation Dataset Image Video/Audio Software Lesson

Publication type

zenodo search upload Communities [pedraimco@alum.umh.es](#)

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New upload

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Drag and drop files here

— or —

(minimum 1 file required, max 50 GB per dataset, [contact us](#) for larger datasets)

Upload type required

Publication Poster Presentation Dataset Image Video/Audio Software Lesson

Publication type

Basic information required

Digital Object Identifier Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register a new DOI for you. A DOI allows others to easily and unambiguously cite your upload.

Pre-assign DOI

Publication date Required. Format: YYYY-MM-DD. In case your upload was already published elsewhere, please use the date of first publication.

Title Required.

Authors Required.

Description Required.

Keywords Optional.

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DOI Grants Optional. European Commission FP7 and Horizon 2020 grants only. For general funding acknowledgements, please use the Additional Notes field. Note: a human Zenodo cursor will need to validate your upload - you may experience a delay before it is available in OpenAIRE.

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Subjects

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Funding

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Grants

Start typing a grant number, name or abbreviation...

Optional. European Commission FP7 and Horizon 2020 grants only. For general funding acknowledgements, please use the **Additional Notes**. Note: a human Zenodo curator will need to validate your upload - you may experience a delay before it is available in OpenAIRE.

[+ Add another grant](#)

The screenshot shows the Zenodo 'New upload' interface. At the top, there's a search bar and navigation links. The main content area is titled 'New upload' and includes instructions. Below this, there's a 'Files' section with a 'Drag and drop files here' area and a 'Choose files' button. The 'Upload type' section has icons for various file types like Publication, Poster, Presentation, Dataset, Image, Video/Audio, Software, and Lesson. The 'Basic information' section includes fields for 'Digital Object Identifier', 'Publication date', 'Title', 'Authors', and 'Description'. The 'License' section is highlighted, showing 'Creative Commons Attribution 4.0' selected under 'Access right'. The 'Communities' section has a text input for 'Communities'. The 'Funding' section has a text input for 'Grants'. At the bottom, there's a footer with links for 'About', 'Resources', 'Developers', 'Contribute', and 'Funded by'.

PUBLICAR

DOI:

DOI 10.5281/zenodo.165760

<http://www.datacite.org>

Grants:

European Commission:

- QULIMA - Ensemble based advanced quantum light matter interfaces (279967)
- ICFONEST - ICFONest International Postdoctoral Program (267229)
- EPICA - Exploring Photon-photon Interactions with Cold Rydberg Atoms (658258)

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The screenshot shows a Zenodo dataset page. At the top, the Zenodo logo and navigation links are visible. The dataset title is "Storing single photons emitted by a quantum memory on a highly excited Rydberg state - Figure data". The publication date is November 9, 2016. The DOI is 10.5281/zenodo.165760. The keywords include Rydberg, DLCZ, quantum communications, quantum repeaters, nonlinear optics, electromagnetically-induced transparency, quantum optics, photon-photon interactions, nonclassical correlations, and quantum memories. The grants listed are from the European Commission: QULIMA, ICFONEST, and EPICA. The license is Creative Commons Attribution 4.0. The share section includes icons for various social media and citation services. The export section offers options like BibTeX, CSL, DataCite, Dublin Core, JSON, MARCXML, and Mendeley. A table of files is provided at the bottom, listing file names, sizes, and download links.

Name	Size
figure2a.csv	241 Bytes
figure2b.csv	289 Bytes
figure3b.csv	396 Bytes
figure4ab.csv	650 Bytes
figure4cd.csv	402 Bytes
figure5.csv	562 Bytes

PUBLICAR

June 23, 2016

Journal article Open Access

Integrating Robot Support Functions into Varied Activities at Returning Hospital Visits

Looije, Rosemarijn; Neerincx, Mark A.; Peters, Johanna K.; Blanson-Henkemans, Olivier

Persistent progress in the self-management of their disease is important and challenging for children with diabetes. The European ALIZ-e project developed and tested a set of core functions for a social robot that may help to establish such progress. These functions were studied in different set-ups and with different groups of children (e.g. classmates at a school, or participants of a diabetes camp). This paper takes the lessons learned from these studies to design a general scenario for educational and enjoying child-robot activities during returning hospital visits. The resulting scenario entailed three sessions, each lasting almost one hour, with three educational child-robot activities (quiz, sorting game and video watching), two intervening child-robot interactions (small talk and walking), and specific tests to assess the children and their experiences. Seventeen children (age 6-10) participated in the evaluation of this scenario, which provided new insights of the combined social robot support in the real environment. Overall, the children, but also their parents and formal caregivers, showed positive experiences. Children enjoyed the variety of activities, built a relationship with the robot and had a small knowledge gain. Parents and hospital staff pointed out that the robot had positive effects on child's mood and openness, which may be helpful for self-management. Based on the evaluation results, we derived five user profiles for further personalization of the robot, and general requirements for mediating the support of parents and caregivers.

3
Tweeted by 3
3 readers on Mendeley
See more details

Publication date:
June 23, 2016

DOI:
DOI 10.1007/s12369-016-0365-8

Grants:
European Commission:
• PAL - Personal Assistant for healthy Lifestyle (PAL) (643783)

Communities:
European Commission Funded Research (OpenAIRE)

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Cite as
Looije, Rosemarijn, Neerincx, Mark A., Peters, Johanna K., & Blanson-Henkemans, Olivier. (2016). Integrating Robot Support Functions into Varied Activities at Returning Hospital Visits. <http://doi.org/10.1007/s12369-016-0365-8>

Start typing a citation style...

Export

BibTeX CSL DataCite Dublin Core JSON MARCXML Mendeley

Preview

Int J of Soc Robotics (2016) 8:483-497
DOI 10.1007/s12369-016-0365-8

Integrating Robot Support Functions into Varied Activities at Returning Hospital Visits
Supporting Child's Self-Management of Diabetes

Rosemarijn Looije¹ · Mark A. Neerincx² · Johanna K. Peters³ · Olivier A. Blanson Henkemans¹

Accepted: 13 June 2016 / Published online: 23 June 2016
© The Author(s) 2016. This article is published with open access at Springerlink.com

Abstract Persistent progress in the self-management of their disease is important and challenging for children with diabetes. The European ALIZ-e project developed and tested with the robot and had a small knowledge gain. Parents and hospital staff pointed out that the robot had positive effects on child's mood and openness, which may be helpful for self-

Files

Name	Size
Looije2016Meander.pdf	1.3 MB

Altmetric

Integrating Robot Support Functions into Varied Activities at Returning Hospital Visits

Overview of attention for article published in International Journal of Social Robotics, June 2016

3

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Summary Twitter

Title Integrating Robot Support Functions into Varied Activities at Returning Hospital Visits
Published in International Journal of Social Robotics, June 2016
DOI 10.1007/s12369-016-0365-8
Authors Rosemarijn Looije, Mark A. Neerincx, Johanna K. Peters, Olivier A. Blanson Henkemans

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Twitter Demographics **Mendeley Readers** **Attention Score in Context**

About this Attention Score
Good Attention Score compared to outputs of the same age (65th percentile)

Publication date:
June 23, 2016

DOI:
DOI 10.1007/s12369-016-0365-8

Grants:
European Commission:
• PAL - Personal Assistant for healthy Lifestyle (PAL) (643783)

Communities:
European Commission Funded Research (OpenAIRE)

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VERSÕES DOI

The screenshot shows a Zenodo record page for 'uvotpy: UVOTPY-2.1.2 Swift UVOT grism analysis' by Paul Kuin. The page includes a search bar, user profile, and a navigation menu. A yellow banner at the top indicates a newer version is available. The main content area features a description of the software, a 'Preview' section showing a file tree for 'uvotpy-2.1.2.zip', and a 'Versions' table. Callouts point to specific features: 'Alert if newer version is available' (yellow banner), 'Create a new version' (green 'New version' button), 'Browse the version history' (Versions table), and 'Cite specific version or the concept representing all versions' (Cite all versions? section).

Version	DOI	Date
Version 9	10.5281/zenodo.580337	May 16, 2017
Version 8	10.5281/zenodo.48270	Mar 24, 2016
Version 7	10.5281/zenodo.48068	Mar 21, 2016
Version 6	10.5281/zenodo.47674	Mar 15, 2016
Version 5	10.5281/zenodo.47426	Mar 11, 2016

Alert if newer version is available

Create a new version

Browse the version history

Cite specific version or the concept representing all versions





COMUNIDADES no Zenodo

CERN openlab

Recent uploads



October 28, 2016

Journal article

Open Access

Hue Application for Big Data Ingestion

Bandić, Medina; Romero Marin, Antonio; Martin Marquez, Manuel;

Abstract The purpose of project was to develop a web application for the HLoader - a data ingestion framework developed at CERN. This framework automates data streaming/ingestion from a wide range of Hadoop Big Data analytics cluster. The web application uses the HLO

Uploaded on October 28, 2016

October 25, 2016

Report

Open Access

Explorer of Grid Load

Sharma, Mayank; Antunes Pequena, Joao;

Introduction Big data is a reality scientists face every day. Especially now that CERN projects are becoming Global. The Worldwide LHC Computing Grid processes petabytes of data connecting more than 42 countries. It forms the backbone for the data analytic

CERN openlab

The CERN openlab is a unique public-private partnership between CERN and leading ICT companies. Its mission is to accelerate the development of cutting-edge solutions to be used by the worldwide LHC community. This ZENODO community contains open access material published by the CERN openlab, such as reports,



MOVING H2020 Project

Recent uploads



October 17, 2016

Conference paper

Open Access

View

Deep Multi-task Learning with Label Correlation Constraint for Video Concept Detection

Markatopoulou, Foteini; Mezaris, Vasileios; Patras, Ioannis;

In this work we propose a method that integrates multi-task learning (MTL) and deep learning. Our method appends a MTL-like loss to a deep convolutional neural network, in order to learn the relations between tasks together at the same time, and also incorporates the label correlations between pairs

Uploaded on October 21, 2016

September 25, 2016

Poster

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View

VIDEO AESTHETIC QUALITY ASSESSMENT USING KERNEL SUPPORT VECTOR MACHINE WITH ISOTROPIC GAUSSIAN SAMPLE UNCERTAINTY (KSVM-IGSU)

Christos Tzelepis; Eftichia Mavridaki; Vasileios Mezaris; Ioannis Patras;

In this paper we propose a video aesthetic quality assessment method that combines the representation of each video according to a set of photographic and cinematographic rules, with the use of a learning method that takes the video



Communities created and curated by users

Community



MOVING H2020 Project

This is the collection of materials created within the "MOVING: Training towards a society of data-savvy information professionals to enable open leadership innovation", H2020 Research and Innovation Action (Grant Agreement 693092).

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bmezaris

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LORY - Lucerne Open Repository

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January 1, 2016

Other

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View

Stationäre Betreuung: Auslaufmodell oder unverzichtbar?

Calabrese, Stefania (Autor/in); Stalder, René (Autor/in);

Internationale und nationale Entwicklungen zeigen die zunehmende Bedeutung ambulanter Betreuungsangebote in der Kinder-, Jugend- und Behindertenhilfe auf. Bei der zukünftigen Ausgestaltung der Betreuungsangebote soll das Augenmerk jedoch nicht nur auf die Betreuungsform gerichtet sein, sondern insbe

Uploaded on March 29, 2017

January 1, 2017

Thesis

Open Access

View

Armutsbetroffene Einelternfamilien in der Schweiz: Wie die Soziokulturelle Animation die Teilhabe Alleinerziehender fördert

Heckendorn, Isabelle; Wenzel, Maiker

Community

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British Journal of Medicine and Medical Research

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March 9, 2017

Preprint

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An educational intervention to improve knowledge about prevention against occupational asthma and allergies using targeted maximum likelihood estimation

Rodríguez-Molina, Daloha; Barth, Swaantje; Herrera, Ronald; Rossmann, Constanze; Radon, Katja; Karnowski, Veronika;

Background. Occupational asthma and allergies are potentially preventable diseases affecting 5-15% of the working population. However, the use of preventive measures is often low. The aim of this study was to estimate the average treatment effect of an educational intervention designed to improve th

Uploaded on March 9, 2017

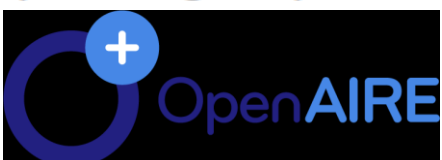
March 15, 2016

Dataset

Open Access

View

Systemic inflammation: methodological approaches to identification of the common pathological process



British Journal of Medicine and Medical Research

British Journal of Medicine and Medical Research (ISSN: 2231-0614) aims to publish research papers, reviews and short communications in the areas of medicine and medical research. This is a quality controlled, peer-reviewed, open access INTERNATIONAL journal. BJMMR will not only publish traditional full research reports, including short communications, but also this journal will publish reports/articles on all stages of the research process like study protocols, pilot studies and pre-protocols. BJMMR is novelty attracting, open minded, peer-reviewed medical periodical, designed to serve as a perfectly new platform for both mainstream and new ground shaking works as long as they are technically correct and scientifically motivated. The journal also encourages the submission of useful reports of neqative results.

SAFURE

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Search SAFURE



September 6, 2016

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Formal Worst-Case Performance Analysis of Time-Sensitive Ethernet with Frame Preemption

Thiele, Daniel; Ernst, Rolf;

One of the key challenges in future Ethernet-based automotive and industrial networks is the low-latency transport of time-critical data. To date, Ethernet frames are sent non-preemptively. This introduces a major source of delay, as, in the worst-case, a latency-critical frame might be blocked by a

Uploaded on January 30, 2017

October 11, 2016

Dataset

Open Access

View

Computing Safe Contention Bounds for Multicore Resources with Round-Robin and FIFO Arbitration

Community

SAFURE

SAFURE

The H2020 project SAFURE targets the design of cyber-physical systems by implementing a methodology that ensures safety and security "by construction". This methodology is enabled by a framework developed to extend system capabilities so as to control the concurrent effects of security threats on the system behaviour.

What's new in Zenodo?

zenodo | Blog

About Blog Help Developers

Extended grant support, ORCID and language field.

by  Krzysztof Nowak on October 10, 2017

Today, we are introducing three additions to Zenodo:

1. Extended grant support
2. Language field
3. ORCID for authors

Extended grant support (powered by OpenAIRE)

We are expanding our grants database with over 620,000 grants from 8 new funders such as the National Science Foundation (US) and Wellcome Trust (UK) - all thanks to [OpenAIRE's](#) ever growing grants database.

Grants

European Commission (EU)

National Science Foundation (US)

Optional. OpenAIRE-supported projects only. For other funding sources, please contact our support team.
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Open Access: Conservation, Digitization and Interoperability of the Historic Non-Vertebrate Collections of the Texas Natural Science Center

So far we have only been supporting grants from the European Commission (FP7 and Horizon 2020). Today our dataset has grown and contains grants from the following funders:

- National Science Foundation (USA) - 497646 grants
- European Commission (EU) - 39409 grants
- Foundation for Science and Technology (Portugal) - 37277 grants



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