



OPEN SCIENCE INITIATIVES

FCT|FCCN

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FCT|FCCN

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FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA (FCT)

- 
- ➔ Portuguese public agency that supports **Science, Technology, and Innovation**, in all scientific domains.
 - ➔ Under the responsibility of the **Ministry for Science, Technology and Higher Education** (MCTES).

FCT's vision:

- To establish Portugal as a global reference in science, technology, and innovation;
- To ensure that knowledge generated by scientific research is used fully for the well-being of all citizens and economic growth.

FCCN

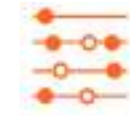
FCCN is the Scientific Computing Unit of FCT, aiming to contribute to the development of **Science, Technology, and Knowledge** in Portugal.



Connectivity



Computing



Security



Collaboration



Innovation



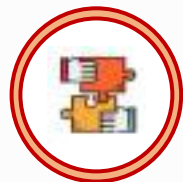
Knowledge



OPEN SCIENCE @FCT - PILLARS



Policies and regulations



Funding instruments



Services and infrastructures



Dissemination activities and training



Alignment with global initiatives



POLICIES AND REGULATIONS

POLICIES AND REGULATIONS

- **Theses and dissertations:**
Mandatory deposit of theses and dissertations
(Decree-Law no. 115/2013)
- **Scientific publications:**
Policy on Open Access (2014)

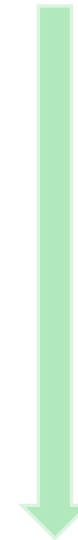
Research data:

Set of recommendations (2014)

Promoting Open Science:

Council of Ministers Resolution no. 21/2016

Decree-Law no. 63/2019



Open Science

POLICIES AND REGULATIONS – CONT.

Work in progress

Review of the policy on open access to **publications** of FCT-funded research

Adhesion to Plan S

Policy on management and sharing of **research data** of FCT-funded research

Principles, requirements, and reference to EOSC





SERVICES AND INFRASTRUCTURES

OPEN SCIENCE @FCT|FCCN - SERVICES

Publications			Directory	Data
Golden Access	Diamond Access	Green Access	Journals and Repositories	Research Data
<i>Read & Publish Publish & Read</i>	<i>Community Owned</i>	<i>Community Owned</i>		
	  			

Science management information systems



Educational resources



PUBLICATIONS



Service that provides **unlimited, permanent access** to **thousands of journals and e-books** from some of the leading international scientific content providers.

www.b-on.pt

2021 Metrics

Annual
downloads

17 Million

Entities

> 60

Annual cost

> 14 MM €

19

Providers

> 350 000

Potential
users

PUBLICATIONS



National initiative of Open Access that aims to **store, preserve** and **promote access** to **scientific knowledge produced in Portugal**.

RCAAP is managed and executed by the FCCN with the technical and scientific collaboration of Minho University.

www.fccn.pt/conhecimento/rcaap

2021 Metrics

Entities with
an Institutional
Repository

144

790 000

Aggregated
documents

Journals

187

> 25 Million

Downloads

PUBLICATIONS



Project developed by Minho University in collaboration with FCCN.

It aims to **promote best practices in scientific publishing** among national scientific journals and their editorial teams.

www.pubin.pt

Main areas

SARC journals

24

Supported
journals

187

SciELO journals

60



DIRECTORY



Project that aims to create a **directory of national journals and digital repositories.**

INDEXAR intends to be an online reference for the location, validation, and preservation of relevant scientific content in the areas of science, technology, and culture.

<https://www.indexar.pt/#/home>

DATA



An initiative that **promotes Open Science** in **research data management**.

Policy on management
and sharing of data

To be published soon

Data Management Plan
System

Already available



Research Data
Repository Service

Planned for
Q3 2022



INFORMATION SYSTEMS



PTCRIS Program consists of a framework of norms and guiding principles, as well as infrastructures that aim to ensure the integration of information systems supporting scientific activity in a single, coherent and integrated ecosystem.

The goal is to **simplify the processes of management, production, and access to information on science**, contributing to the **simplification of administrative processes**.

www.fccn.pt/conhecimento/ptcris

2021 Metrics

No. of minutes saved in recording information

> 5 minutes

DOI National Service

83 Institutions
37,500 DOIs

OPEN SCIENCE – E-INFRASTRUCTURES

European Data Infrastructure



e-INFRASTRUCTURES

Computing



Data



European Open Science Cloud



Network



DISSEMINATION AND TRAINING

OPEN SCIENCE @FCT|FCCN - DISSEMINATION



OPEN SCIENCE @FCT|FCCN – WORKING GROUPS



FÓRUM
GESTÃO DE DADOS
DE INVESTIGAÇÃO

GRUPOS DE
TRABALHO

Group 1 - Training and Competences for RDM and FAIR Data

Group 2 - Data Repositories: Technology, Organization, and Certification

Group 3 - RDM Policies, Strategies, and Recommendations



ALIGNMENT WITH GLOBAL INITIATIVES

OPEN SCIENCE @FCT|FCCN - ALIGNMENT



United Nations
Educational, Scientific and
Cultural Organization



European
Research Area





IBERGRID

Thank you!

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