Filosofický ústav AV ČR
Institute of Philosophy

Strategy of Open Science at the IP

(v 1.5.2)

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List of Abbreviations

APC	Article Processing Charge
ASEP	Automatizovaný systém evidence publikací (Automated system of publication registration)
AV ČR	Akademie věd České republiky (Czech Academy of Sciences)
COPE	Committee on Publication Ethics
DMP	Data Management Plan
D	Deadline
DOAB	Directory of Open Access Books
DOAJ	Directory of Open Access Journals
DOI	Digital Object Identifier
DORA	Declaration on Research Assessment
FAIR	Findable, Accessible, Interoperable, Reusable
IP	Institute of Philosophy of the Czech Academy of Sciences, v.v.i.
GRID	Global Research Identifier Database
IS VaVaI	Informační systém výzkumu, vývoje a inovací (Research, Development and Innovation Information System)
MARC	Machine-Readable Cataloging
OAI-PMH	Open Archives Initiative Protocol for Metadata Harvesting
ORCID	Open Researcher and Contributor ID
RIV	Rejstřík informací o výsledcích (Information Register of R&D Results)
ROR	Research Organization Registry
RVVI	Rada pro výzkum, vývoj a inovace (Research, Development and Innovation Council)
TEI	Text Encoding Initiative

Preface

Open Science represents a set of principles and measures that together seek to change scientific communication procedures. Thus, open science does not only focus on open access to publications, but increasingly strives to make the entire cycle of scientific research accessible: it facilitates more effective and faster dissemination of scientific knowledge that can be more easily shared and critically reflected upon by the scientific community, which positively affects the quality of scientific research and strengthens the transparency of science as such.

The Institute of Philosophy of the CAS (IP) as a prestigious scientific workplace, pays attention to the quality of scientific work and the public availability of the results achieved by its researchers, and therefore perceives the principles and tools of Open Science as essential means of shaping the wider academic milieu. At the same time, however, IP recognizes that Open Science represents a dynamically developing concept the individual aspects of which can be a subject of critical discussions, and that the specific conditions of the humanities and social sciences must always be respected when implementing the principles of Open Science.

The ambition of the presented Open Science Strategy at the IP (hereafter referred to only as the Strategy) is to formulate a set of recommended principles and measures, the implementation of which the IP will seek in 2023–2026, to create the necessary framework for the development of Open Science at this workplace. In so doing, IP will position itself among the leading institutions in the field of social sciences and humanities, which apply the principles of scientific openness.

The Pillars of Open Science at the IP

The presented Strategy is based on three pillars of the implementation of the principles of Open Science in the academic environment of the IP (see Figure 1):

1. the institutional culture of Open Science,
2. an open approach to the research results and FAIR data,
3. the infrastructure of Open Science.

Each of the pillars also contains three points that summarize the recommendations for the good practice of researchers from the perspective of Open Science.

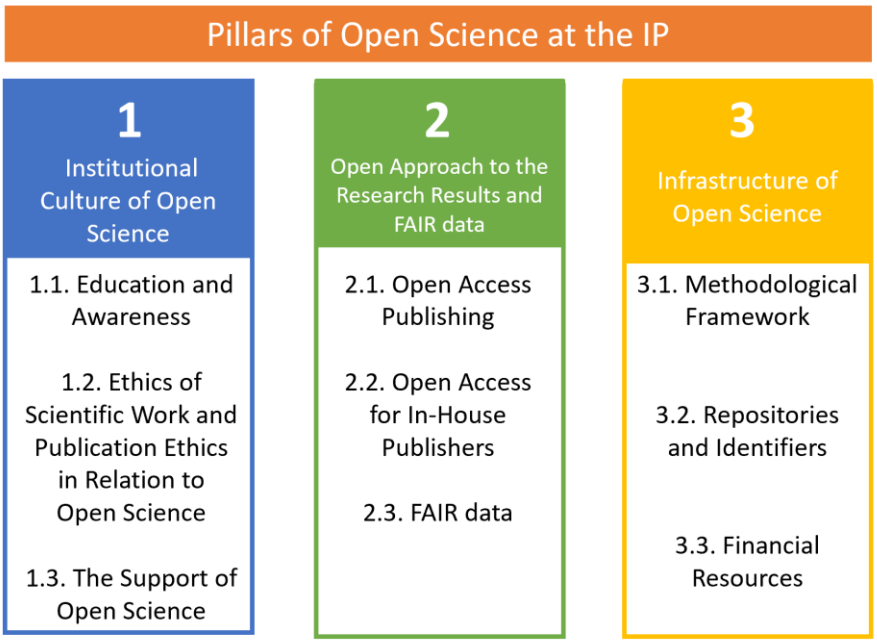

Figure 1 *Pillars of Open Science at the IP*

1. The Institutional Culture of Open Science

The IP is aware that an appropriate set milieu in which daily research work takes place is a necessary condition for the development of Open Science. For this reason, the IP will in the long term support the largest possible range of activities related to Open Science and will look for ways to motivate researchers to adopt the principles of scientific openness, with an emphasis on the simultaneous observance of high standards of publication ethics.

1.1. Education and Awareness

The IP will actively educate and inform researchers about Open Science. In this regard, education and awareness are perceived as a set of activities in various forms – from seminars and workshops, through consultations with specialists, to making the necessary information available through a website focused on Open Science. The institute has already established a contact point for Open Science, which supports researchers in Open Science issues. The contact point also serves as a consultation centre (e.g., for consultation in the field of choosing a suitable open journal, open data management, etc.).

Goal 1.1.a: Ensuring the operation of a contact point for Open Science. D: 2026
Goal 1.1.b: Preparation and implementation of educational and communication activities of Open Science for IP researchers, D: 2024

1.2. Ethics of Scientific Work and Publication Ethics in Relation to Open Science

The IP supports researchers who develop excellent research and thus push the boundaries of knowledge. Researchers, as well as all employees of the editorial offices of professional journals and Publishing House Filosofia, as well as the editorial department of OIKOYMENH, are bound in their work by the Ethical Code of Researchers of the CAS and the Ethical Code of the IP. Employees at all levels can be further recommended to familiarize themselves with other general principles of academic integrity in addition to employment and other explicit ethical obligations. A support for their reflection can be, for example, DORA or The Hong Kong Principles for Assessing Researchers: Fostering Research Integrity, which sets out the following principles of responsible research: responsibility assessment, transparent reporting, Open Science, valuing the diversity of research and recognizing a wider range of scientific work outputs (including, e.g., peer-review or mentoring).

The IP is unequivocally opposed to predatory practices and other fraudulent conduct, as it is also established in its Code of Ethics. IP researchers must proceed carefully when choosing professional periodicals and publishing houses and not damage the good name of the IP.

The editors of the IP, the Filosofia Publishing House and the OIKOYMENH editorial department take active steps to improve the quality of the review process and thus prevent the publication of outputs that are in conflict with the relevant ethical codes or general principles of publication ethics (as summarised, for example, by the views of the Committee on Publication Ethics – COPE). The contact point for Open Science also serves as an information point and a guidepost for the questions of IP researchers towards the development of academic integrity.

Goal 1.2.a: Increasing awareness of the ethics of scientific work and publication ethics, D: 2024
Goal 1.2.b: Preparation of the IP's official position on predatory practices, D: 2023

1.3. The Support of Open Science

The IP will promote that the principles of Open Science are considered when evaluating the results of scientific work. In support of the principles of openness, the IP can award the Prize for Open Science of the Institute of Philosophy of the CAS. In this way, they will appreciate the work of employees who contribute to the transparency, reproducibility and openness of the research carried out at the IP or otherwise significantly assist the development of these principles through specific significant activity or long-term involvement. Openness to the public is also a positively evaluated area (e.g., Open Science of the CAS programme).

Goal 1.3.: Introduction of the IP Open Science Prize. D: 2023

2. Open Access to Research Results and FAIR Data

The IP strives to support publication of research output and publication services in open mode. The Open Science Strategy at the IP also emphasizes the importance of FAIR data, which are crucial for increasing the reproducibility and transparency of science.

2.1. Open Access Publishing

The IP undertakes to support open access opportunities and calls on its researchers to fully use them. The so-called green path in the form of self-archiving will be supported above all (either by using the existing ASEP database or by creating a similar repository, where it will be possible to make full texts available in the form of post-peer-review following the license conditions of the publishers; see further below, 3.2). The IP will continue to support the so-called diamond path (see below, 2.2) or the golden path (see below, 3.3) according to its possibilities, but always taking into account its duty of judicious and responsible management of public funds. The contact point for Open Science at the IP also serves as a support point for the area of publication in Open Access mode.

Goal 2.1.: As far as possible, support and develop publishing of research outputs in journals and publishing houses that support publication in Open Access mode, D: 2026

2.2. Open Access for In-House Publishers

The IP will support the transition to open access publication services for journals published at the workplace and for the production of Filosofia Publishing House or the OIKOYMENH editorial department. The IP as a publisher supports the diamond path of open access. The editors will clearly state information about the openness of the journals on their websites. IP editors will be supported in their efforts to have their journals indexed in the Directory of Open Access Journals (DOAJ). The Filosofia Publishing House will be supported in its efforts to be indexed in the Directory of Open Access Books (DOAB).

IP journals and IP publishing houses will use the licensing of published works, which will be published under their auspices, under one of the Creative Commons public licences. The editors of journals and publishing houses will reflect this fact in their publishing contracts with authors and in the publishing practice of individual journals, including an appropriate entry in the work's metadata (along with bibliographic data about the publication).

Goal 2.2.a: Ensuring indexing of IP journals into the DOAJ database. D: 2025
Goal 2.2.b: Ensuring the indexation of the IP publishing house in the DOAB database, D: 2025

2.3. FAIR Data

In order to support the reproducibility and transparency of science, all scientific data and metadata that IP researchers create during their research should meet FAIR standards (i.e., data that is findable, accessible, interoperable, and reusable). The obtained data should be recorded with appropriate metadata in the relevant repository (e.g., uploading metadata to the ASEP database). Data openness is then supported following the principle "*as open as possible, as closed as necessary*".

Data created and made available at IP must be provided with a detailed metadata description. If compatible with the nature of the datasets, it is appropriate to use established standards (TEI, Dublin Core, MARC). For making metadata available, the IP recommends the OAI-PMH protocol through the ASEP database.

The researchers of the IP should pay attention to research data management and create a data management plan as part of their projects. It is expedient to plan financial resources for data management in grant applications wherever it is possible or necessary due to the nature of the grant call or the nature of the research project. The IP Open Science contact point serves as a support point for the area of FAIR data.

Goal 2.3.a: Introduction of an institutional instrument to support the creation of DMP. D: 2026
Goal 2.3.b: Ensuring support for Data Stewardship, D: 2026

3. The Infrastructure of Open Science

The IP creates a research infrastructure for its researchers, which not only enables top-notch research, but also fully supports Open Science. The IP provides resources and services that researchers use to achieve new knowledge not only in the humanities.

3.1. Methodological Framework

The contact point for Open Science at the IP will create methodological guidelines that will form the regulatory background for Open Science in accordance with internal, national, and international regulations. An "Open Science Manual" will also be created, which will provide basic information about Open Science. When creating methodological guidelines, the IP will take into account recognized national and international initiatives in the field of Open Science.

The central part of the regulatory framework for Open Access at the IP is Directive No. 1/2022 regulating the use, registration, and determination of additional remuneration for employees in the event of the creation of objects protected by intellectual property rights at the Institute of Philosophy of the Czech Academy of Sciences, v. v. i. As a part of the implementation of the Open Science Strategy, this directive will be revised and, if necessary, modified to be consistent with this Strategy.

The broader methodological and regulatory framework is established by the guidelines of the Czech Academy of Sciences, conditions of support issued by providers, strategic documents of the Council for Research, Development, and Innovation (in Czech, RVVI) and valid legislation of the Czech Republic, especially in the area of copyright.

Goal 3.1.a: Revision of Directive No. 1/2022 in the context of the principles of Open Science, D: 2024
Goal 3.1.b: Creation of methodological documents and a manual for Open Science, D: 2023

3.2. Repositories and Identifiers

The IP emphasizes the storage of research outputs and results in established publication and data repositories, providing them with persistent, global, and unique identifiers. The IP uses the Crossref service to identify digital documents produced by editors of IP journals and publishing houses.

The Library of the IP will continue to fulfil the key role of administrator of the ASEP database. Other branch-specific databases can also be used, such as LINDAT/CLARIAH-CZ. In the absence of alternatives, the IP recommends using the services and identifiers of the Open Science Framework or Zenodo repositories.

In accordance with the requirements of the science, research, and innovation information system manager, the IP will require researchers to establish and maintain an ORCID researcher identifier. The IP also recommends using similar scientific identifiers (e.g. Publons or Scopus Author ID). The IP will provide the necessary data and cooperation for establishing its own accessible identifiers in the GRID and ROR services.

Goal 3.2.a: Introduction of a persistent personal identifier (ORCID) for each IP researcher, D: 2023
Goal 3.2.b: Provide support to editors and Filosofia Publishing House in the area of assigning persistent identifiers to published publications, D: 2024

3.3. Financial Resources

The IP will support Open Science financially to the best of its ability. The IP covers the costs associated with membership in Crossref and with the registration and maintenance of DOIs. The IP also financially supports the operation of editorial offices with the diamond model of publication.

The fund to support publishing in Open Access, which is financed as part of the OP RDI "Development of an environment for the professional growth of the employees of the Institute of Philosophy of the CAS" is also available to the employees of the IP. After the end of this project, the IP will look into the possibilities of creating a follow-up financial mechanism to support publishing in the open mode.

Where it is expedient and justified, IP researchers can reflect the planned fees associated with publishing in the Open Access mode (APC) in their prepared project applications.

Goal 3.3.a: Provision of financial instruments for the transition from "closed" to Open Science after 2022, including the field of monographs, D: 2023

Goal 3.3.b: Training on APC for project support and setting up processes for monitoring and planning APC at IP, D: 2024

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Indicators of the Strategy's Implementation

Pillar	Goal	Monitored indicators	Deadline
Institutional Culture of Open Science	**Goal 1.1.a:** Ensuring the operation of a contact point for Open Science	Annual number of Open Science consultations	2026
	Goal 1.1.b: Preparation and implementation of educational and communication activities of Open Science for IP researchers	Number of educational activities	2024
	Goal 1.2.a: Increasing awareness of the ethics of scientific work and publication ethics	Inclusion of recommendations on predatory journals in manuals [YES/NO]	2024
	Goal 1.2.b: Preparation of the IP's official position on predatory practices	IP's official position on predatory practices [YES/NO]	2023
	Goal 1.3.: Introduction of the IP Open Science Prize	Number of Awarded Prizes for Open Science of the Institute of Philosophy of the CAS	2023
Open Access to Research Results and FAIR Data	**Goal 2.1.**: As far as possible, support and develop publishing in journals and publishing houses that support publication in Open Access mode	Share of open publications with affiliation to IP reported to RIV	2026
	Goal 2.2.a: Ensuring indexing of IP journals into the DOAJ database	Number of journals indexed in the DOAJ	2025
	Goal 2.2.b: Ensuring the indexation of the IP publishing house in the DOAB database	Indexing of the Filosofia Publishing House in the DOAB [YES/NO]	2025
	Goal 2.3.a: Introduction of a constitutional instrument to support the creation of DMP	Number of DMPs created using the selected tool	2026
	Goal 2.3.b: Ensuring support for Data Stewardship	Number of consultations in the field of data management	2026
Infrastructure of Open Science	**Goal 3.1.a:** Revision of Directive No. 1/2022 in the context of the principles of Open Science	Amendment of Directive No. 1/2022 [YES/NO]	2024
	Goal 3.1.b: Creation of methodological documents and a manual for Open Science	Creation of methodological guidelines [YES/NO]	2023
	Goal 3.2.a: Introduction of a persistent personal identifier (ORCID) for each IP researcher	Share of researchers who have linked ORCID to ASEP	2023
	Goal 3.2.c: Provide support to editors and Filosofia Publishing House in the area of assigning persistent identifiers to published publications	The percentage of publications issued by IP editors and publishers that have an assigned DOI	2024
	Goal 3.3.a: Provision of financial instruments for the transition from "closed" to Open Science after 2022, including the field of monographs	Percentage of the fund drawn for APC fees	2023
	Goal 3.3.b: Training on APC for project support and setting up processes for monitoring and planning APC at the IP	Percentage of projects with costs for APC included	2024