

## **I.2.12. Acuerdo 12/CG de 18-03-22 por el que se aprueba la Declaración de CIVIS a favor de la Ciencia Abierta como marco de referencia para la implantación de la Ciencia Abierta en la UAM**

### **CIVIS Open Science Statement**

We, CIVIS community of scholars, hereby declare our commitment to the values of Open Science. Open Science is a system change allowing for better science through open and collaborative ways of producing and sharing knowledge and data, as early as possible in the research process, and for communicating and sharing results. This new approach affects research institutions and science practices by bringing about new ways of funding, evaluating and rewarding researchers. Open Science increases the quality and impact of science by fostering reproducibility and interdisciplinarity. It makes science more efficient through better sharing of resources, more reliable through better verification and more responsive to society's needs. (European Commission, Open Science, 2019)

To reach CIVIS's goal of making teaching and research as open as possible, as is stated in CIVIS's Mission statement, we commit to openly sharing the products of our research and scholarship, and therefore state the following:

#### **Research Indicators and Next-Generation Metrics in support of Open Science**

CIVIS universities promote the development of new research indicators to complement the conventional indicators for research quality and impact, so as to do justice to open science practices. In particular the metrics should extend the conventional bibliometric indicators in order to cover new forms of research output, such as research data and research software.

CIVIS universities encourage more responsible approaches to the use of metrics to improve research assessment in support of Open Science.

#### **Incentives and Rewards for researchers to engage in Open Science activities**

Research career evaluation systems should fully acknowledge open science activities.

CIVIS members encourage the inclusion of Open Science practices in their assessment mechanisms for rewards, promotion and/or tenure, along the Open Science Career Assessment Matrix.

#### **FAIR Data**

As research data continue to increase in volume, complexity and creation speed, the FAIR principles aim to provide guidelines to improve the Findability, Accessibility, Interoperability, and Reuse of data. Each FAIR principle consists of a set of characteristics that data and metadata must have in order to facilitate their discovery and use by both humans and machines.

CIVIS universities promote the FAIR principles, support their researchers to make their data FAIR and provide their researchers with the appropriate infrastructure and guidance for describing, storing and sharing their data.

### **Future of Scholarly Communication**

The CIVIS universities support the Open Access Transformation in scholarly communication. In doing so, they are involved in the various forms of Open Access: open access publications, institutional repositories, open source software, open publishing platforms.

They also support efforts to preserve all the actors of the publishing value chain, according to the principle of bibliodiversity developed in the Jussieu Call.

All publications produced in the context of the CIVIS project should be available in Open Access, in compliance with the national legislation concerning intellectual property rights (IPR).

### **Open educational resources**

CIVIS universities encourage the development and use of OER by its members and support the CIVIS academic community by providing training about OER design, IPR, open licences, etc. Incentives for enhancing cooperation among CIVIS members for joint OER development should be provided, mainly by sharing OER support services & infrastructure (learning management systems, platforms, applications, tools).

All educational material produced within the CIVIS project should be provided as OER. CIVIS contributes to the open education movement by opening selected courses and other educational resources to the general public.

### **Collaboration with society**

The CIVIS universities promote open science in all its aspects, and therefore spread the knowledge to the general public by supporting citizen science initiatives. A key goal is to increase the public's awareness of open science in order to gain access and contribute to research, and to develop several forms of collaboration between academia and the general public.

CIVIS is committed to the development of Open Science. Our universities collaborate and exchange best practices along the points included in this statement, and the implementation of open science as a way forward for the future of European universities.