

E6. Diagnosis and diffusion of Open Science (OS) attitude, practices and knowledge among UC3M researchers.

IMPACT: During 2021 and 2022, researchers at UC3M, at all levels (R1-R4) have reached a bigger knowledge and sensitiveness regarding to Open Science that could be seen in the number of researchers implied in training activities, specific listserv, or the rise of papers deposited in the OA repository as well as the number of research datasets deposit in the data repository. This is due to the big effort on training, the survey among researchers that made them think over OS practices, the new web on Open Science, the Twitter channel for Open Science as well as the specific listserv about Open Science news, and the continuous support given by the Unit of Open Science (UniOS), created in 2018.

EVIDENCES on this impact and actions:

- During 2021-2022 different training activities were performed among researchers of different levels (doctoral candidates, CONEX plus programme fellows, senior researchers). Some examples include:
 - UC3M ticket to Open Science for doctoral candidates, followed by almost 50 students: <https://www.curatore.es/uc3m2OpenScience/program/>
 - Open Science cafés: <https://www.uc3m.es/pdi/en/OpenScienceCafe>

For more activities on OS training, see: <https://www.uc3m.es/openscience/training>

- In January 2022 all the researchers received a printed version, customized to UC3M practices and policies in Open Science, pointing out to different key issues each month on Open Science relevant for the UC3M practice of OS, FAIR data, Citizen Science, etc. This calendar is a version of the [DIY YUFE Open Science Calendar](#), which also made the UC3M for all the members of YUFE university alliance, with more than 1000 downloads.
- Dissemination Campaign through the new web on Open Science: <https://www.uc3m.es/openscience/home>, the Twitter Channel (openuc3m) and the specific volunteer listserv on Open Science (<https://listas.uc3m.es/voluntarias>) with 245 suscriptors.
- In March 2022 a survey on Open Science perceptions in YUFE researchers was launched (https://essex.eu.qualtrics.com/jfe/form/SV_1FclXfxQdIlgSgZw) among all the researchers of the YUFE alliance Universities, targeting 100 researchers per institution, and the UC3M was the only one who reached the target with 104 responses.
- One of UC3M researchers (Prof. Martínez Neira) won 2021 YERUN Award on Open Science: <https://yerun.eu/2022/02/yerun-open-science-awards-2021-congratulations-to-the-winners/>
- Rise of OA publications deposited on the Institutional Repository, rising each year (from 2017) a 5% average, with an 8% more in 2020 and 11% more in 2021, and also rising during 2022 (Annual increase of OA publications, [see here](#)) As well as the number of datasets [in the data repository](#) starting for 5 datasets in 2017 and reaching the amount of 229 at the end of 2021.
- Open Science becomes commonplace in the proposals submitted to Horizon2020 and Horizon Europe, as well as in other National Proposal. First due to the mandates of the funders, but also to the new perception that our researchers have been gaining over the time of the HRS4R.

Taking into account, all this actions, impacts and the due evidences, we can confirm that the reformulation of the objective, stated at the beginning of our HRS4R, of “creating an Open Access Policy”, at the end of the period we will be able to fulfill the more ambitious objective of having an Open Science Policy for UC3M at the end of the period (2023) for our HRS4R strategy.