SURVEY DEPLOYMENT GUIDE[1]

Funded by the European Commission as an Erasmus+ Key Action until 2023, TrainRDM aims to empower the Education and Skills dimension of Open Science (OS) through exploring innovative mechanisms and tools to provide the skills training, in particular, for Research Data Management (RDM) good practices.

OS opens up new ways in which research, education, and innovation are undertaken, archived, curated, and disseminated across the globe. OS is not about dogma *per se*: it is about greater efficiency and productivity, more transparency, and a better response to interdisciplinary research needs. But OS requires a cultural change in academic and commercial organisations, including the acquisition of new knowledge and skills in fields such as open access publishing and research data sharing.

As a TrainRDM partner organisation, you are aware we need to conduct a **Survey** to analyse and map the skills training needs for OS and RDM taking into account the different OS dimensions, target groups, and level of existing knowledge. In this Survey, we are interested in two aspects:

1. the current familiarity of concepts related to OS and RDM; and,
2. the availability of training on OS and RDM topics at partner institutions.

Consequently, the Survey has been divided into the distinct parts:

- EVERYONE: This is an exploratory exercise aimed at our four target groups: Early Career Researchers, Senior Researchers/Research Managers, Librarians, and Data Scientists from <u>any (preferably European) institution</u>. That is to say, this part should be distributed, as wide as possible, by all TrainRDM partners using their available European research and academic networks.
  This part should take participants some 20 minutes to complete. There are no right or wrong answers and responses to all of the questions will be absolutely confidential. All data will be fully anonymised in compliance with GDPR regulations. The Part 1 draft can be accessed by clicking [HERE](#).

- PARTNERS ONLY: This will build an inventory of available programmes, modules, and in general training on Open Science and discipline-specific Data Management practices at TrainRDM partner institutions. That is to say, this Part should be distributed within partner institutions and, depending on the institutional structure (departments, schools, faculties, etc), only a limited number of instances completed. The Part 2 draft can be accessed by clicking [HERE](#).

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[1] **N.B.** This Guide is prepared for TrainRDM partner organisations.

Both Parts will be deployed using SurveyMonkey, a widely-used survey software with proven GDPR compliance[2]. For Part 1, our ideal number of responses is 385, as this is the ideal sample size at a 95% confidence level given that there are 2.58 million researchers employed in the EU-27 region[3]. On the other hand, Part 2 will have a limited number of responses and will therefore require a careful distribution within TrainRDM partner institutions.

The completed entries of the Survey will be analysed to:

- generate an evidence-based set of training needs with demographic data using Part 1; and,
- obtain a matrix-style training portfolio with OS and RDM offerings by cross-referencing with Part2.

Ultimately, TrainRDM should be able to fulfil its overarching aim "to provide the skills training, in particular, for Research Data Management (RDM) good practices"

The suggested deployment dates are:

- RELEASE: 21/Jun/2021 (both Parts)
- REMINDER: 28/Jun/2021
- CLOSING: 5/Jul/2021

Participation in the Survey is completely voluntary and has been granted clearance according to the recommended Ethics Guidelines of the National College of Ireland (NCI). Dr Horacio González-Vélez, TrainRDM NCI representative, has been named as a contact at horacio@ncirl.ie.

All corresponding materials, including this guide, are available at the DropBox folder TrainRDM Collaboration Platform/IO1 - RDM & OS Training Methodological Toolkit.

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[2] Details on SurveyMonkey's compliance can be obtained from: https://www.surveymonkey.com/mp/privacy/

[3] Source: EU Eurostat https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Research_and_innovation_statistics_at_regional_level (Last Accessed: 12/Jun/2021).