OPEN SCIENCE
Evaluation of proposals and Open Science

“Excellence” criterion (methodology)

- Evaluation of the quality of Open Science practices
- Up to 1 page to describe Open Science practices + up to 1 page to describe research data/output management

“Quality and efficiency of implementation” criterion (capacity of participants and consortium as a whole + list of achievements)

- Explain expertise on Open Science
- List publications, software, data, etc, relevant to the project with qualitative assessment and, where available, persistent identifiers

Publications are expected to be open access; datasets are expected to be FAIR and ‘as open as possible, as closed as necessary’. Significance of publications to be evaluated on the basis of proposers’ qualitative assessment and not per Journal Impact Factor.
## Open Science practices

<table>
<thead>
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<th>What?</th>
<th>How?</th>
<th>Mandatory in all calls/recommended</th>
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<tbody>
<tr>
<td>Early and open sharing of research</td>
<td>Preregistration, registered reports, preprints, etc.</td>
<td>Recommended</td>
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<tr>
<td>Research output management</td>
<td>Data management plan (DMP)</td>
<td>Mandatory</td>
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<tr>
<td>Measures to ensure reproducibility of research outputs</td>
<td>Information on outputs/tools/instruments and access to data/results for validation of publications</td>
<td>Mandatory</td>
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</table>
| Open access to research outputs through deposition in trusted repositories | • Open access to publications  
• Open access to data  
• Open access to software, models, algorithms, workflows etc. | • Mandatory for peer-reviewed publications  
• Mandatory for research data but with exceptions (‘as open as possible…’)  
• Recommended for other research outputs |
| Participation in open peer-review                       | Publishing in open peer-reviewed journals or platforms               | Recommended                       |
| Involving all relevant knowledge actors                | Involvement of citizens, civil society and end-users in co-creation of content (e.g. crowd-sourcing, etc.) | Recommended                       |

- Open Science practices listed in the template for proposals (section Excellence>Methodology)
- Non-exhaustive list
- Mandatory in all calls: Model Grant Agreement or call requirement; all the rest recommended
NB on evaluation!

• Evaluation concerns mandatory and recommended Open Science practices, the latter where appropriate.

• When Open Science practices are duly justified as not appropriate for the project, score is not lowered for not addressing those practices or for lack of Open Science expertise.

• All Work Programmes, except for the ERC, evaluate Open Science practices as outlined above (exception with some EIC programmes that for now evaluate under Impact).
Mandatory Open Science practices 1/2

Open access to scientific peer-reviewed publications

- Beneficiaries must ensure deposition and **immediate open access via a trusted repository** under a Creative Commons Attribution licence (CC BY) or equivalent (Creative Commons Attribution Non Commercial/Non Derivatives licences or equivalent are allowed for long-text formats) + provide information for the **validation of the conclusions**

- Beneficiaries must retain **sufficient intellectual property rights**

- **Open access publication fees are refundable** only in **full open access** publishing venues

- **Metadata** of deposited publications must be **open under a Creative Commons Public Domain Dedication** (CC 0) or equivalent and in line with the FAIR principles
Mandatory Open Science practices 2/2

- **Research data management in line with the FAIR principles** ("Findable", "Accessible", "Interoperable", "Reusable"), beneficiaries must:
  - Provide and regularly update a data management plan (DMP)
  - Deposit data in a trusted repository (federated in EOSC if required) and link to publications
  - Ensure open access as soon as possible and within the deadlines set out in the DMP under CC BY, CC 0 or equivalent unless exceptions apply ("as open as possible, as closed as necessary")
  - Provide information for the validation or re-use of data
  - Metadata must be open under CC 0 or equivalent (to the extent legitimate interests or constraints are safeguarded), in line with the FAIR principles

Additional obligations, when imposed by the call conditions

- Additional Open Science practices
- Regarding the validation of scientific publications (all calls except ERC)
- In the case of a public emergency if requested by the granting authority