**PaNOSC USE CASE TEMPLATE**

PaNOSC and ExPaNDS are developing data management and analysis services for the photon and neutron user community. These services will be available first locally and in the future via the EOSC. To help as large a user community as possible, PaNOSC is making a call for Use Cases for the data management services being developed. Anyone who is a user of one of the photon and neutron facilities, either directly or via open data from one of these facilities, is encouraged to submit their use case(s) for data treatment or data management needs. The Use Cases must be related to one of the data services being developed by PaNOSC (see https://www.panosc.eu/services/) and ExPaNDS.

PLEASE SUBMIT YOUR USE CASE(S) BELOW.

Should you have any question before submitting your use case, please write an email to: [use-case@panosc.eu](mailto:use-case@panosc.eu)

To know if your use case or a similar one has already been submitted, please consult this page: <https://www.panosc.eu/use-cases/>

Fields with the asterisk (\*) are mandatory

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| **Title\*** | **Submitted by\*** |
| Short description of use case |  |
| **Email\*** |
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| **Facilities\*** |
| Photon and Neutron facilities involved |

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| **Affiliation\*** |
| Institution(s) of the scientist(s) who have requested and will use the service |

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| **Creation date of the use case\* -** DD/MM/YYYY |
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| **Objective\* -** Longer description of the use case including a description of the scientific objectives of the use case |
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| **Main Contributors** | |
| Contributor 1 | Description of the contributors, their role in the use case and what they contribute |
| … |  |
| Contributor N |  |

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| **Use case action flow** | |
| 1: Step Name | Description of step 1 |
| … |  |
| N: Step Name |  |

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| **Description of needs \* -** Description of what the use case is requesting from PaNOSC |
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| **Impacts from the implementation\* -** Description of scientific and technical impacts for users |
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| **Generalisation of Use Case -** Description of the possible take up of the solution by other PaNOSC or ExPaNDS partners and the scientific community in general. A description of application of the use case to other users |
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| **Partners –** Other partners interested in this use case |
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| **Resources –** Description of software and/or source code repositories to be used. |
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| **Other resources –** Link to repository with screenshots and other material useful to showcase the use case |
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| **PaNOSC work packages** (if known) | |
| WP 1 | Name of PaNOSC WP use case is related to and which tasks |
| … |  |
| WP N |  |