# Contact information

**Name of applicant:**

**e-mail address**:

**Organization**:

# Service and activity descriptions

*Describe the services that aims to become part of the Data Analytics Tier. Please provide a service description with a user point of view and make a distinction between final services and services components (enhancing parts of a service).*

*Service is defined as: “the way to provide value to customers through bringing about results that they want to achieve”.*

*Replicate the table if you wish to submit multiple services.*

|  |  |  |
| --- | --- | --- |
| **Service overview** | | |
| Service name | | *Provide name* |
| Service description | | *Provide (1) a High-level description of what the service does in terms of functionalities it provides to the end users, (2) the resources it enables access to, (3) a link to relevant documentation.*  *Note: Provide information about the service capabilities from a user point of view. Enabling/Enhancing components of a service are described later on in the template.* |
| Service provider | | *Provider organization (s)* |
| Service catalogue | | *If the service is part of an existing service catalogue, please provide a reference to such catalogue, for example with a link to an EOSC Marketplace entry, online document, web site etc. If the service is planned to become part of a catalogue in the future, please describe such plan.* |
| Value | | *Please specify the benefit to a customer and their users delivered by the service; benefits are usually related to alleviating pains (e.g., eliminate undesired outcomes, obstacles or risks) or producing gains (e.g. increased performance, social gains, positive emotions or cost saving).* |
| Current TLR level[[1]](#footnote-1), acceptance criteria and validation/verification results | | *Provide information about (1) service status in terms of completeness and maturity (including link to relevant documentation), (2) service acceptance criteria defined by customers and/or users (including e.g. aspects related to interoperability, availability, installability, performance, portability, recoverability, safety, scalability, usability; (3) results of validation and verification activities involving service providers and user communities.* |
| Access policy | | *Please specify any relevant access policies related to the service. Examples are: Policy-based: users are granted access to the service based on policies defined by the service provider(s); Wide access: users can freely access the service provided; Market-driven: users can negotiate a fee to access the service either directly with the service provider[[2]](#footnote-2)* |
| Terms of use | | *Please provide a reference to the service terms of use, i.e. the rules which one must agree to abide by in order to use the service* |
| User groups and scientific disciplines served | | *Specify for whom the service is intended* |
| Service business model | | *Define estimated cost of ownership/year and list its funding agencies.* |
| **Service architecture**  *Define the service by describing its components. A service is usually composed of different service components that enable or enhance the service. A service component is a logical part of a service that provides a function enabling or enhancing a service. Although a service component underlies one or more services, it usually does not create value for a customer alone and is therefore not a service by itself. Examples of service component are software, and services that are provided or could be provided by e-Infrastructures. For example:* [*https://www.egi.eu/services/*](https://www.egi.eu/services/) | | |
| Service components | | Name of component | Functional description, applicable standards and needed resource capacity (if applicable)  e.g. CPU Time, storage capacity etc. | Provider  If already appointed | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | | |
| **Technical integration with generic e-Infrastructures**  *Define existing EGI integrations, or the proposed technical integration/service enhancement activities for this service that are proposed to be funded in the project. For example, software integration activities that concern general e-Infrastructure capabilities, like those provided by EGI.*  *Services of the Data Analytics Tier need to have existing integration with EGI compute services, or plan completion of integration by the end of project month 3 (before April 2021).* | | |
| Integration status or integration activity | | Describe here the service integration status/activities, the involved service components and the estimated effort necessary to complete the activity. |
| Overall necessary effort (Person Months) and timeline | | Please provide an estimation (in PMs) of the effort needed for these integration activities. |
| List of requested service components | | List any services, resources and software that would be requested from EGI (compute, storage, data, identity provisioning, authentication, authorization etc.) to achieve this integration. |
| **Training**  *to develop human capital and generate innovation by fostering adoption by new user communities. Training activities requested in this project must be specific to this call and to the Data Analytics services in scope in your expression of interest. They must not duplicate training activities already funded by other initiatives and projects.* | | |
| Description of training activities relevant to the proposed Data Analytics service (to be planned in the project) | | Please define the type and scope of training activities related to the general usage and exploitation of the service which could be planned as part of the project. Please indicate whether training activities related to the service are already in place and can be used (as in-kind contribution) to support wider usage and exploitation. |

# Relevance to INFRAEOSC-07(a1) challenges

|  |  |
| --- | --- |
| INFRAEOSC-07(a1) challenge  (**remove those that are not addressed by your activity**) | *Specify your contribution to the challenges highlighted by the e-INFRA-12 (a) call, providing whenever possible concrete examples and key performance indicators.* |
| *Provisioning of state-of-the-art research enabling services from a wide range of national, regional and institutional public infrastructures in Europe.* |  |
| *Set-up a model for interaction between service providers and the EOSC Portal operators through pan-European e-infrastructure entities, based on transparency and effectiveness of cost compensation.* |  |
| *Ensure multidisciplinary research and synergies with national and regional programmes.* |  |
| *Meet the researchers’ needs covering the full research life cycle.* |  |
| *Enabling researchers and other users to process and analyse data in a distributed computing environment.* |  |

# Information on innovation, dissemination and exploitation

*Provide provide information about the expected impact of your service in terms of innovation and potential for wider dissemination and exploitation.*

(1) ***Innovation*** *is the process, including its outcome, by which new ideas respond to societal or economic needs and demand and generate new products, services or business and organisational models that are successfully introduced into an existing market or that are able to create new markets and that contribute value to society. Innovation capacity is the potential to stimulate further innovations beyond the project objectives and in new areas, and/or increase the amount of benefits delivered.*

*(2)* ***Dissemination*** *is defined as “the public disclosure of the results by any appropriate means (other than resulting from protecting or exploiting the results), including by scientific publications in any medium”. Possible dissemination aims are: within the organization, within the project partnership, towards core target groups, other stakeholders and decision makers, and other countries/sectors.*

*(3)* ***Exploitation*** *is the process, including its outcome, by which new ideas respond to societal or economic needs and demand and generate new products, services or business and organisational models that are successfully introduced into an existing market or that are able to create new markets and that contribute value to society.*

1. Technology Readiness Level: <https://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/annexes/h2020-wp1415-annex-g-trl_en.pdf> - Note that the proposal can accept only TRL8-9 services. [↑](#footnote-ref-1)
2. See the Charter of Access for examples of policies applicable to research e-Infrastructures: <https://ec.europa.eu/research/infrastructures/index_en.cfm?pg=access_ri> [↑](#footnote-ref-2)