The information gathered through this questionnaire will be used to update the Landscape LRI inventory of large-scale research infrastructures available for Dutch researchers. The inventory solely concerns infrastructures that satisfy the definition of Large-Scale Research Infrastructure (LRI) <http://onderzoeksfaciliteiten.nl/permanente-commissie/definitie>.

The questionnaire is aimed at gathering (updated) information on:

1) Existing LRI that are not yet included on the Landscape GWI 2020;

2) New initiatives aimed at the development of LRI.

The application form has to be submitted by the board or director of the organisation/institute hosting the (envisaged) LRI or by the official secretary of the (envisaged) LRI. For distributed LRI we request that only one form is submitted on behalf of all partners.

Please submit details for only one infrastructure per form. For questions about filling out the form please contact us at PC-GWI@nwo.nl.

**1. General information**

|  |  |
| --- | --- |
| Submitting organisation |  |
| Name infrastructure |  |
| Acronym infrastructure (if relevant) |  |
| Contact person infrastructure | Name: Tel: Address:email: |
| Website infrastructure (if available) |  |
| Name hosting organisation[[1]](#footnote-1) |  |
| Location infrastructure[[2]](#footnote-2) |  |
| Institutions involved[[3]](#footnote-3) (if relevant) |  |
| Disciplines for which the infrastructure is relevant[[4]](#footnote-4) |  |
| Scientific Domain(s) for which the infrastructure is relevant | Domain Social Sciences and Humanities / Domain Life sciences and Medical sciences / Technical and Natural sciences5 |
| Roadmap LSRI 2021 Group(s) to which the LRI is connected or ‘other’ | Social Sciences and Humanities / Green Life Sciences / Health Sciences / Medical Sciences / Life Sciences and Enabling Technologies / Astronomy and Particle Physics / Materials / Technology / Geosciences / other:… 5 |
| Keywords |  |
| Type infrastructure | Distributed/single site/virtual[[5]](#footnote-5) |
| Hardware/e-infra/data/collection5 |
| Phase(s)  | (in case of future infrastructure): Idea/ design5  |
| (in case of existing infrastructure): Construction/ implementation/ exploitation/ decommissioning5 |
| Consortium type | National/international5 |

**2. General description of the infrastructure**

|  |
| --- |
| ***2.a. Summary for publication purposes (max. 100 words)*** |
| *Give a brief description of the (envisioned) infrastructure.* |
|  |
| ***2.b. General description of the infrastructure (max. 500 words)*** |
| *Please describe the (envisioned) infrastructure, including:* *- Information on the equipment/collections/data;**- What types of research is/will be facilitated by the infrastructure?* |
|  |

**3. Organisation, management, participants, and users**

|  |
| --- |
| ***3.a. Governance (max. 200 words)*** |
| *Describe how the governance of the infrastructure is organised.*  |
|  |
| ***3.b. General description of users and user groups (max. 200 words)*** |
| *Provide a general description of the user groups who are/might be interested in using the infrastructure. Provide a global list of interested user groups. Distinguish between academic user groups and non-academic users of the infrastructure. Also distinguish between Dutch and international user groups.* |
|  |
| ***3.c. Access to the infrastructure (max. 200 words)*** |
| *How are users (external/partners) granted access to the infrastructure? Provide a description of the (intended) access policy, including an outline of the procedure for submitting and assessing access requests. Where relevant, make clear which access policy is (will be) in use for which user group. Where relevant, also give an estimate of the percentage of available time/access for external users, i.e. users who are not partners.* |
|  |

**4. Financial information (max. 500 words)**

*Definitions*

*Capital investment costs: costs for the development and acquisition/construction of the infrastructure or costs for a modification of an existing infrastructure, excluding the costs for housing the infrastructure. Capital investments also include the Dutch membership contributions to an international research infrastructure or an international research project if these are related to the development/acquisition/ construction of the infrastructure.*

*Running costs: costs needed for keeping the infrastructure operational and for the facilitation of external*

*users. Running costs include personnel costs, consumables, IT costs, Dutch membership contributions to an international research infrastructure or an international research project if these are related to the operation of the infrastructure. They do not include costs related to the research programme.*

*Total costs: capital investment costs (i.e. costs for the development and acquisition/construction of the infrastructure and decommissioning) and running costs.*

*Size of the infrastructure: the total costs over 5 years. These costs should not include:*

* *the costs for housing the infrastructure;*
* *insurance costs;*
* *costs related to scientific exploitation of the infrastructure;*
* *costs for already available IT infrastructure provided by the institutions involved, or those that are already nationally available, such as SURF.*

*‘Own contribution’ versus ‘contributions from partners’: ‘Own contribution’ comprise the contributions of the research institutions (in-cash or in-kind) that co-own the infrastructure. Contributions from partners comprise the contributions of industrial partners, user fees, acquired grant/subsidies, e.a.*

***To be eligible for the Landscape LRI, the size of the infrastructure, in terms of total capital investment and operating costs for 5 years, should amount to at least 10 million euros.***

|  |
| --- |
| ***4.a. Estimate of the size of the infrastructure*** |
| *Provide an estimate of the size of the infrastructure. This is defined as the total costs over 5 years.* |
|  |
| ***4.b. Capital investment costs*** |
| *Give an overview of the original investments in* *development, acquisition/construction/adaptation of the infrastructure, excluding costs of the building. Comment on the contributions of the institutions involved and acquired subsidies when relevant.* |
|  |
| ***4.c. Running costs*** |
| *Briefly describe the operational costs, excluding costs of housing. Comment on own resources and contributions from partners (including any user fees). Also briefly describe the available resources and possible resource needs.* *If relevant, please include information on:**- the budget for membership contributions of the Dutch partners to an international research infrastructure or entity (e.g. ERIC fees, national contribution fees, etc.).**- user fees/costs for accessing the infrastructure.*  |
|  |

**5. Importance of the infrastructure for science, society, and economy (max. 500 words)**

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| --- |
| ***5.a. The importance for science and the potential to attract researchers (science and talent case)*** |
|  *Describe the scientific importance and urgency of the envisioned infrastructure in light of the developments in the relevant disciplines/research areas (nationally/internationally). Address aspects such as:**- the expected innovation and envisioned scientific breakthroughs;**- the expected attractiveness of the infrastructure for Netherlands-based and international researchers.* |
|  |
| ***5.b. The importance for the Dutch research community*** |
| *Describe the importance of the infrastructure for the Netherlands and the Dutch research community taking into account:* *i) the national context.**ii) the international context.**Briefly address aspects such as:**- Are there similar infrastructure elsewhere available for use (within the Netherlands or abroad) and if yes, why what is the added value of the Dutch initiative;**- Uniqueness of this infrastructure for the Dutch research community;**- Possible interface or overlap with existing infrastructures;**- International positioning and status of the infrastructure, and, where relevant, the connection to other infrastructure roadmaps, e.g. ESFRI, or strategic plans.* |
|  |
| ***5.c. The importance for society and/or industry, and the connection with societal developments.***  |
| *- Briefly describe the connection of the infrastructure to the national policy frameworks and trends, such as the top sector policy, the Dutch National Research Agenda, sector plans, and current social and scientific themes within the Netherlands and Europe;* *- Describe the extent to which the investment makes the infrastructure attractive to large and small companies as well as innovative government bodies, and the appeal of the infrastructure in terms of utilisation and other non-scientific use.* |
|  |

1. If distributed, then take the central access point. [↑](#footnote-ref-1)
2. If distributed, then take the location of the central access point. [↑](#footnote-ref-2)
3. If it is a collaboration between several institutions then state institutions involved. [↑](#footnote-ref-3)
4. According to the NWO classification of disciplines. [↑](#footnote-ref-4)
5. Select the relevant answer(s). [↑](#footnote-ref-5)