

National Portfolio Policy Memberships of International RIs

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1. Report



2. National portfolio policy



- Strategic choices for the long-term
- Stable and sustainable funding



1. Report International Memberships

- Overview of 47 memberships
- Showcase the importance for science in NL
- Provide strategic context
- Monitor added value over time (every 5 years)

- **Technical & Natural Sciences**

- CERN, ECORD/IODP, EMFL, EPOS, ESA, ESO, ESRF, ICDP, ICOS, ING, JIVE, PRACE, ACTRIS, CTA, DANUBIUS, EGO/Virgo, ESS, KM3NeT, ILT, SKA, SLICES

- **Life Sciences & Health**

- BBMRI, EATRIS, ELIXIR, EMBL, EuroBioImaging, INSTRUCT, LifeWatch DiSSCo, EBRAINS, EMPHASIS, EIRENE, eLTER, ERINHA, EU-OPENSREEN, EU-IBISBA, MIRRI

- **Social Sciences & Humanities**

- CESSDA, CLARIN, DARIAH, ESS, SHARE E-RIHS, EHRI, GGP, OPERAS, RESILIENCE



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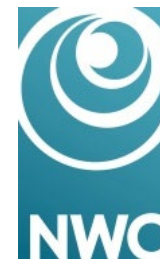
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Recommendation: The increasing number of international RI requires coordination and well-thought-out strategic decisions on participation -> develop a national portfolio policy



2. Towards a national portfolio of memberships

Aim

Realizing long-term stable funding for a national portfolio of memberships of large-scale scientific international research infrastructures (this includes making strategic choices).

Budget

M€ 10/year, 2023 – 2031

Staged implementation

No classical funding programme with applications and rankings

- 2023 – 2024: current international commitments
- 2025 – 2031: Strategic implementation (**work in progress**)
- 2031+ : Stable and sustainable funding



National portfolio policy

Key elements:

- Central governance -> Strategic decision making
- Priorities set by the research community (similar to national Roadmap 2021 – 9 Groups?)
- Co-funding at portfolio level by all stakeholders (central pot)
 - Universities, research institutes, ministries -> joint responsibility
 - 2025-2031: OCW contribution of M€ 10/year
- New memberships can be added, existing memberships can be phased out (continuous process)

Discussions with stakeholders on proposal for implementation ongoing



More info:

NWO International memberships:
int-memberships@NWO.NL



Technical & Natural Sciences Domain – Overview

Astronomy and Particle Physics

CERN, CTAO*, EGO, ESA, ESO,
LOFAR, ING, JIVE, KM3NeT, SKAO

Materials

EMFL, ESRF, ESS*

Geosciences

ACTRIS, DANUBIUS, ECORD/IODP,
EPOS, ESA, ICDP, ICOS

Computing / Digital

PRACE, SLICES*



*NL is no (full) member yet

Technical & Natural Science Domain – Funding

- Differences in membership funding source: for some long-term stability (OCW), for others via NWO-I or no stable perspective
- Current situation for **19 RIs** (not ESS, SLICES):

	OCW	NWO-I	ENW	Other
APP	3	4	2	1
Data science	0	0	0	1
Geosciences	0	0	2	4
Materials	1	0	0	1
Total	4	4	4	7

Other: EZK, SURF, Roadmap grant



Report: conclusions and recommendations

- **Confirmation of the importance** of the international participations for science in NL + for the international positioning of NL.
- **47 narratives:** scientific and policy context.
- Large differences between centralised and distributed research infrastructures.
- The increasing number of international RI requires **coordination** and well-thought-out **strategic decisions on participation**. This includes the mutual **positioning** of the research infrastructures -> develop a **national portfolio policy**
- Participation in international RIs also requires large in-kind contributions (and national investments).
- **Visibility** (distributed data infrastructures) and awareness of the necessary investments requires attention, both at the user and policy maker / management level.
- The **roles and responsibilities** of the different stakeholders are often unclear and differ per membership -> clarify the responsibilities and make clear agreements at the national level.

