



ESFRI WORKING GROUP ON MONITORING OF RESEARCH INFRASTRUCTURES

PERFORMANCE (WG MONITORING)

Deliverables

1. A concept of a common approach for the monitoring of RI performance, including the periodic review of ESFRI Landmarks,
2. A matrix with a core set of KPIs that could be applied across the different RIs,
3. Rationale for the development and optimization of KPIs for specific Research Infrastructures.
4. Recommendations aimed to facilitate the inclusion of the monitoring of RI performance, also by using adapted Key Performance Indicators, in the governance of RIs



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Schedule

Today: 1st Meeting of the WG

Spring 2019: Presentation of preliminary findings and recommendations to ESFRI

Spring 2019: Discussion on **dedicated Workshop with stakeholders**

Late 2019: Final report to the ESFRI Forum; this report shall include

- a proposal on the methodology to be adopted for the ESFRI Landmark periodic update
- a proposal on common elements of monitoring methodologies and options for KPIs to be applied, on a voluntary basis, by RIs and funding authorities.



Why monitor: clarify the rationale

- Monitoring results
 - public or confidential?
 - addressed to whom?
 - and used for what purposes?
- Are there unwanted side-effects of Monitoring?



Challenge 1: Comparing Diversity

- The monitoring system must address the full diversity of ESFRI projects and landmarks – in structure, scientific goals, type of services
- Generic indicators can give a picture on a limited set of standard questions – finance, timescale, etc. – and on compliance with overall political goals – access, diversity policies, environmental sustainability, etc. –

but there is still the decisive question: How is the RI performing?

Challenge 1: Comparing Diversity

- **What are the generic indicators that supply reasonable and comparable information for all projects and / or landmarks?**
- **How to address the different objectives of different RIs?**
- **Specific indicators for the different phases of a project?**
- **Between a core set of KPI and a rationale for the development of specific KPI: Could we develop a toolbox for similar types of RIs?**

Challenge 2: Monitoring science and beyond

- Taxpayers finance RIs – and politics ask for proof of benefits
- We need to identify measurable dimensions to assess the impact of RIs beyond their scientific value and sound organisation
e.g. societal, economic, innovation or environmental impacts
- **Recur to the expectations as defined to be in Horizon Europe?**
- **Are there others?**
- **Could we measure them on project level?**

Challenge 3: Keep the burden low

Any monitoring creates additional workload to the projects / landmarks

- Reports must be assembled and written
- KPIs must be fed by data and must be maintained by the RIs
- Site visits need to be organised and hosted
- Findings of the Monitoring need to be addressed by the RIs

Challenge 3: Keep the burden low

Approaches for consideration

- Benefits of ESFRI monitoring for the projects
 - **How to optimize the feedback of monitoring results?**
- Monitoring should be prioritized to relevant aspects of each individual RI
 - **Risk-based monitoring approaches?**
- Reporting should recur to existing schemes of the RI – if possible
 - **Definition of standards for the inclusion of other reporting**

schemes?