ERIC Forum’s Position on KPIs proposed by ESFRI to Monitor RIs Performance

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ERIC Forum Implementation Project
ESS is a multi-disciplinary research facility based on the world’s most powerful neutron source. Our vision is to build and operate the world’s most powerful neutron source.
Instruments in the construction budget

20x More sensitive on average than today’s best

13 Member Countries

40 In-kind Partners

>100 Collaborating institutes

54 Nationalities (staff)
The ERIC Forum Implementation Project
WP4: Evaluation and impact assessment

Aim: Feed into the discussion and to support the development of a standardised system for ERICs, regardless of the scientific field ERICs are active in.

- **Task 4.1** Monitoring and Development of KPIs for ERICs (ESS)
- **Task 4.2** Scientific Evaluation (ECRIN)
- **Task 4.3** Socio-Economic Impact Assessment Practices (ICOS)
- **Task 4.4** Elements of Sustainability Plans (EMBRC)
- **Task 4.5** Harmonised Reporting – Elements of Annual Activity Reports of ERICs (INSTRUCT)
ERIC Forum positions on the development of KPIs for RIs

1) The ERIC Forum supports the development of a common understanding of KPIs and wants to actively contribute to the ongoing discussions.

2) KPIs should be tailored to the specific objectives and mission of each ERIC.

3) KPIs should only be used to benchmark an RI against its own performance and not to compare RIs.

4) KPIs should comply with well-proven criteria for setting up indicators and measures.

5) KPIs and indicators to measure socio-economic impact are not the same.
Dialogue with ESFRI

5 February 2019: ESFRI Questionnaire to pan-European RIs on their objectives & KPIs (deadline: 18 February)

1 March 2019: ERIC Forum letter no. 1 to ESFRI – invitation to collaborate

5 April 2019: Meeting in Brussels with ESFRI WG and EC about KPIs

17 April 2019: Interim report of the ESFRI WG on KPIs

7 May 2019: ERIC Forum meeting in Oslo, interim report presented by ESFRI

14 May 2019: ERIC Forum Position Paper on the Development of KPIs for RIs shared with ESFRI

17 June 2019: Questionnaire for Pan-European RIs on Relevance of KPIs (prioritization, deadline: 26 June)

3 July 2019: Workshop in Brussels on “Monitoring of RIs methodology and KPIs”

4 September 2019: Report of the ESFRI WG on monitoring of RIs performance

16 September 2019: ERIC Forum letter no. 2 to ESFRI – feedback on ESFRI recommendations

16 September 2019: Response from ESFRI

7 November 2019: ERIC Forum presentation during ESFRI workshop in La Palma
SEI initiatives on the European level

Horizon 2020
brightness
brightness²
ACCELERATE
ERIC FORUM
RI PATHS

OECD publishing
REFERENCE FRAMEWORK FOR ASSESSING THE SCIENTIFIC AND SOCIO-ECONOMIC IMPACT OF RESEARCH INFRASTRUCTURES

OECD SCIENCE, TECHNOLOGY AND INDUSTRY POLICY PAPERS

European Strategy Forum on Research Infrastructures

ESFRI ad hoc Working Group on Monitoring of RIs Performance
KPIs vs Impact Indicators

- Performance evaluation and impact assessment are NOT identical
- Performance relates to efficient use of resources
- Impact relates to the transformative effect of an RI
- Performance and impact can be linked and some impact indicators can be used to evaluate performance

- **Purpose of KPIs**: Measure performance, evaluate success in delivering results, and monitor progress towards set goals
- **Purpose of indicators assessing socio-economic impact**: Evaluate how RIs transform their environment and what influence they have beyond scientific results. Some RIs enable science by producing data which are used for scientific research or by providing access to state-of-the-art instrumentation, so definition of impact can vary across RIs.
# Overview of Deliverables and Milestones and opportunities for collaboration in 2020

<table>
<thead>
<tr>
<th>Title</th>
<th>Leader</th>
<th>Due</th>
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<tbody>
<tr>
<td>MS8 Evaluation of survey results</td>
<td>ESS</td>
<td>M16 – April 2020</td>
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<tr>
<td><strong>MS9 Organisation of best-practice workshop</strong></td>
<td>ESS</td>
<td>M18 – June 2020</td>
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<tr>
<td>D4.1 Report on proposed approach and dashboard for common ERIC KPIs</td>
<td>ESS</td>
<td>M24 – December 2020</td>
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<td>D4.2 Report on the best scientific evaluation practices for pan-European RIs</td>
<td>ECRIN</td>
<td>M42 – June 2022</td>
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<td>D4.3 Report on SEI ERIC Framework</td>
<td>ICOS</td>
<td>M42 – June 2022</td>
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<tr>
<td>D4.4 Report and proposal for model sustainability business plan for ERICs</td>
<td>EMBRC</td>
<td>M42 – June 2022</td>
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<tr>
<td>D4.5 Report on harmonizing the presentation of ERIC Activity Reports for impact assessment section</td>
<td>INSTRUCT</td>
<td>M46 – October 2022</td>
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We look forward to our continued collaboration!