



United Kingdom – Evaluation and monitoring procedure

1. Ex-ante Impact Assessment	
1.1. Methodology and procedures conducted (if applicable)	
<p>The Committee on Science and Technology of the House of Lords recommended in 2013 (Science and Technology Committee - Second Report Scientific Infrastructure; link [Last access: 07/2017]). that all future funding of large and mid-range scientific infrastructures should include provision for an ongoing monitoring and evaluation mechanism to determine the impact and return on investment and provide an evidence base for future decision making. The monitoring and evaluation processes, as indicated by the Committee on Science and Technology, should be embedded from the point of investment and its outcomes should be published and clearly communicated to industry and policy makers.</p> <p>Much progress has been made since 2013 and the new UK Roadmap is now currently in progress, to be published in spring 2019. The new Roadmap follows on from the above Science and Technology Second Report, the National Audit Office's Report on Cross-government funding of research and development (https://www.nao.org.uk/wp-content/uploads/2017/11/Cross-government-funding-of-research-and-development.pdf [Last access: 07/2017]) and creation of UKRI (https://www.ukri.org/ [Last access: 07/2017]).</p>	
2. Procedure for selection of the research infrastructures to be included in the roadmap	
2.1. Objectives of the evaluation	
Roadmap update currently in progress, to be published in spring 2019.	
2.2. Eligibility conditions	
Roadmap update currently in progress, to be published in spring 2019.	
2.3. Evaluation criteria for the selection of the RIs to be included in the RI national roadmap	
Roadmap update currently in progress, to be published in spring 2019.	
2.4. Evaluation method and procedures conducted (organisation in charge, timing, selection of reviewers, configuration of panels, indicators, etc.) for the selection of the RIs to be included in the RI national roadmap	
Not applicable. Roadmap update currently in progress, to be published in spring 2019.	
2.5. Proposals evaluated and selected (available statistics)	
Not applicable or no information presently available.	
3. Update / Monitoring and ex-post Evaluation of RI Roadmap	
3.1. Objective of the monitoring of the RI national roadmap as a whole	
<p>To determine the impact and return on investment and provide an evidence base for future decision making.</p> <p>The monitoring and evaluation processes (as already indicated), should be embedded from the point of investment and its outcomes and it should be published and clearly communicated to industry and policy makers.</p>	
3.2. Periodicity of the RI national roadmap monitoring actions (if applicable)	
Not applicable or no information presently available.	
3.3. Methodology and procedures conducted (timing, approach, indicators, etc.) for monitoring the RI national roadmap	
Not applicable or no information presently available.	



3.4. Methodology and procedures conducted (timing, approach, indicators, etc.) for monitoring the individual RI included in the RI national roadmap
<ul style="list-style-type: none"> • Main factors taken into account for the individual RI monitoring are the following: <ul style="list-style-type: none"> • Excellence – scientific importance, timeliness, international relevance. • Strategic value and synergies – which key science challenges does it address, alignment with programme and corporate strategies, coherence and synergies with other programmes including international subscriptions, importance to key stakeholders. • Leadership – level of UK leadership and track record, leverage, policy influence. • Possible impacts of changing landscape (e.g. community changes, major discoveries). • Boundary conditions (e.g. international subscriptions). <p>Monitoring encompasses:</p> <ul style="list-style-type: none"> • Performance measures differ between infrastructures but typically include user satisfaction, down time, number of experiments, user days, and student training days. • Output measures include publication numbers, bibliometric analyses, theses, IP, spin-off companies, and impact studies. <p>The monitoring results feed into future evaluations and strategic development.</p> <p>The timelines and the periodicity of the evaluation/monitoring procedure depend on the area and scale of investment (they are between 2 and 5 years).</p>
3.5. Methodology and procedures conducted in the case that an ex-post evaluation of the RI national roadmap is planned or has been implemented
<p>Not applicable or no information presently available.</p>

