



## Italy – Evaluation and monitoring procedure

<b>1. Ex-ante Impact Assessment</b>
<b>1.1. Methodology and procedures conducted (if applicable)</b>
<p>In Italy the ex-ante impact assessment is neither yet conducted nor applicable.</p> <p>The initial reference point for RI national Roadmap is the S&amp;T Merits related to the Italian research system.</p> <p>RI are also evaluated as promoters of technology innovation and potential providers of high-level skills. The Italian Minister MIUR (Ministero dell'Istruzione dell'Università e della Ricerca) is the central Administration which promotes and coordinates the process of RI assessment, selection and funding.</p> <p>In the future, MIUR intends to operate through the procedure described in the reference document PNIR (Programma Nazionale per le Infrastrutture di Ricerca).</p>
<b>2. Procedure for selection of the research infrastructures to be included in the roadmap</b>
<b>2.1. Objectives of the evaluation</b>
<ul style="list-style-type: none"><li>• An input for funding decisions on RI between institutional, regional and national stakeholders.</li><li>• A list to achieve agreement on the RI with institutional, regional and national stakeholders on strategic priorities, which are foreseen for funding.</li></ul> <p>The objectives are S&amp;T Merits to respond to scientific and technological as well as to socio-economic challenges and to increase the significance of the Italian research system in the international scenario.</p>
<b>2.2. Eligibility conditions</b>
<p>RI of the Italian Roadmap respond to the following conditions:</p> <ul style="list-style-type: none"><li>• Level of participation for scientific interest of National Research Performing Organizations (RPOs)</li><li>• Being within the priority scientific domains of National RPOs</li></ul>
<b>2.3. Evaluation criteria for the selection of the RI to be included in the RI national roadmap</b>
<p>RI are evaluated according to the following characteristics:</p> <ul style="list-style-type: none"><li>• Scientific quality</li><li>• Technological quality</li><li>• Managerial quality (implementation parameters, including a business plan)</li><li>• Added value at European level</li><li>• High-level connected services</li><li>• Free transnational access on a competitive basis (peer review)</li><li>• Open source available results</li></ul> <p>The evaluation of RI of pan-European interest to be included in the national Roadmap applies when possible the H2020 methodology taking into account five criteria:</p> <ol style="list-style-type: none"><li>1. ESFRI/ERIC typology</li><li>2. Localization</li><li>3. Scientific community</li><li>4. Impact (including technological one)</li><li>5. Pan-European impact</li></ol>



<p><b>2.4. Evaluation method and procedures conducted (organisation in charge, timing, selection of reviewers, configuration of panels, indicators, etc.) for the selection of the RI to be included in the RI national roadmap</b></p> <p>In the last roadmap exercise, MIUR managed an internal process to conduct an analysis of RI of strategic interest for Italy and of pan-European interest. This process considered:</p> <ul style="list-style-type: none"> <li>• Analysis and assessment of RI</li> <li>• Regional interest and involvement in RI</li> <li>• Past investments valorization</li> </ul> <p>A group of priority RI was identified to be included in the National Roadmap, considering also international and specific strategies:</p> <ul style="list-style-type: none"> <li>• Thematic areas (mapped on ESFRI)</li> <li>• Country Research strategy PNR-PNIR</li> <li>• Coherent with regional strategies(S3)</li> </ul> <p><b>Organization in charge</b></p> <p>MIUR is in charge of the National roadmap. For the future roadmap process, PNIR provides some elements of the evaluation in phases: ex-ante, in-itinere and ex-post.</p> <p><b>Timing</b></p> <p>The roadmap has not fixed timeline.</p>
<p><b>2.5. Proposals evaluated and selected (available statistics)</b></p> <ul style="list-style-type: none"> <li>• Analysed 97 RI according to the 2013 mapping.</li> <li>• Identified 56 RI of priority interest for Italy.</li> </ul>

<p><b>3. Update / Monitoring and ex-post Evaluation of RI Roadmap</b></p>
<p><b>3.1. Objective of the monitoring of the RI national roadmap as a whole</b></p> <p>In the future, PNIR provides elements of the monitoring process to modulate interventions.</p>
<p><b>3.2. Periodicity of the RI national roadmap monitoring actions (if applicable)</b></p> <p>Not applicable or no information presently available.</p>
<p><b>3.3. Methodology and procedures conducted (timing, approach, indicators, etc.) for monitoring the RI national roadmap</b></p> <p>Not applicable or no information presently available.</p>
<p><b>3.4. Methodology and procedures conducted (timing, approach, indicators, etc.) for monitoring the individual RI included in the RI national roadmap</b></p> <p>Updates might be available in the tri-annual plans of the RPOs.</p>
<p><b>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</b></p> <p>Not applicable or no information presently available.</p>

