

## OPI: Fostering a competitive and sustainable economy to meet our challenges

### PA1: Investing in research, technological development and innovation

<b>Investment Priority</b>	<b>1a:</b> Enhancing research and innovation (R&I) infrastructure and capacities to develop R&I excellence, and promoting centres of competence, in particular those of European interest
<b>Specific Objective</b>	<b>SO1:</b> Stimulating participation in R&D&I through the development of the necessary public infrastructure in line with the Smart Specialisation Strategy
<b>Indicator Code &amp; Title</b>	<b>PSO1:</b> Number of research facilities
<b>Type</b>	Output
<b>Unit of Measure</b>	Number
<b>Definition</b>	<p>The number of newly built / upgraded research facilities, as well those refurbished to hold R&amp;D activities. The project must improve the facilities or quality of equipment. Maintenance or replacement without quality increase should be excluded.</p> <p><i>Source: Guidance Document on Indicators</i></p>
<b>Guidance</b>	<p>The programme specific output indicator focuses on the number of newly built or upgraded research facilities, as well as those facilities that are refurbished to hold research and development activities. As stated in the definition, the operation / project must improve the facilities or quality of equipment. This definition excludes interventions, such as those related to maintenance or replacement of research facilities and / or equipment, which in themselves would not give an increase in quality.</p> <p>This indicator applies to mainstream projects only.</p>
<b>Verification Source</b>	<p>Verification sources shall include the following (list not exhaustive), as required and where available:</p> <ul style="list-style-type: none"> <li>• Before and after photos related to the intervention;</li> <li>• Inventory List;</li> <li>• Permits;</li> <li>• Proof of certified works by the architect.</li> </ul> <p>The Beneficiary is to maintain any documentation related to the intervention in line with obligations on document retention. All documents are to be made available to the Managing Authority and other stakeholders upon request.</p>

<b>Investment Priority</b>	<b>1a:</b> Enhancing research and innovation (R&I) infrastructure and capacities to develop R&I excellence, and promoting centres of competence, in particular those of European interest
<b>Specific Objective</b>	<b>SO1:</b> Stimulating participation in R&D&I through the development of the necessary public infrastructure in line with the Smart Specialisation Strategy
<b>Indicator Code &amp; Title</b>	<b>CO25:</b> Research, Innovation: Number of researchers working in improved research infrastructure facilities
<b>Type</b>	Output
<b>Unit of Measure</b>	Full time equivalents
<b>Definition</b>	<p>Besides taking into account new research posts being created and filled as a result of the EU funded operation / project, the definition includes also existing working positions in research infrastructure facilities that (1) directly perform R&amp;D activities and (2) are directly affected by the project. The posts must be filled (vacant posts are not counted). However, support staff for R&amp;D (i.e. jobs not directly involved in R&amp;D activities) is not counted. The facilities employing such researchers may be private or public.</p> <p>Furthermore, the project must result in improved facilities or quality of equipment in and with which the researchers are working, i.e. maintenance or replacement of facilities / equipment without quality increase is excluded.</p> <p>Research infrastructure is a term used to designate a very heterogeneous group of tangible or intangible assets thus cannot be captured by a limited number of physical indicators. The approach chosen here is to focus on a non-financial dimension of the investment (employment) that is still able to reflect the scale of intervention.</p> <p><i>Source: Guidance Document on Monitoring and Evaluation</i></p>
<b>Guidance</b>	<p>The common output indicator should take into consideration working positions in research infrastructure facilities that: (i) directly perform Research and Development (R&amp;D) activities, and (ii) are directly affected by the project. The posts must be filled, therefore vacant posts should not be counted. Support staff for R&amp;D (i.e. jobs not directly involved in R&amp;D activities) should also not be taken as contributing to such indicator.</p> <p>Full-time equivalent: Jobs can be full time, part time or seasonal. Seasonal and part time jobs are to be converted to FTE using ILO<sup>1</sup>/statistical/other standards.</p> <p><i>Source: Guidance Document on Indicators</i></p>

<sup>1</sup> A full-time equivalent, sometimes abbreviated as FTE, is a unit to measure employed persons in a way that makes them comparable although they may work a different number of hours per week. The unit is obtained by comparing an employee's average number of hours worked to the average number of hours of a full-time worker. A full-time worker is therefore counted as one FTE, while a part-time worker gets a score in proportion to the hours he or she works.

	<p>This indicator applies to mainstream projects only.</p>
<p><b>Verification Source</b></p>	<p>Verification sources shall include the following (list not exhaustive), as required:</p> <ul style="list-style-type: none"> <li>• Legal documents such as (but not limited to) letters of appointment / acceptance letters, contracts, Memoranda of Understanding, etc..., showing the number of researchers and allotted / agreed upon hours to make use of the research infrastructure;</li> <li>• Records showing the use of the facilities;</li> <li>• Reports drawn up by the Beneficiary, confirming that the researchers are making use of the research infrastructure.</li> </ul> <p>The Beneficiary is to maintain any documentation related to the intervention in line with obligations on document retention. All documents are to be made available to the Managing Authority and other stakeholders upon request.</p>

<b>Investment Priority</b>	<b>1a:</b> Enhancing research and innovation (R&I) infrastructure and capacities to develop R&I excellence, and promoting centres of competence, in particular those of European interest
<b>Specific Objective</b>	<b>SO1:</b> Stimulating participation in R&D&I through the development of the necessary public infrastructure in line with the Smart Specialisation Strategy
<b>Indicator Code &amp; Title</b>	<b>KIS1:</b> Number of research facilities being implemented (constructed) or completed
<b>Type</b>	Key Implementation Step
<b>Unit of Measure</b>	Number
<b>Definition</b>	The number of research facilities being implemented (constructed) or completed, as well those refurbished to hold R&D activities. The project must improve the facilities or quality of equipment. Maintenance or replacement without quality increase should be excluded.
<b>Guidance</b>	<p>The key implementation step focuses on the number of newly built or upgraded research facilities being implemented (constructed) or completed, as well as those facilities that are refurbished to hold research and development activities. As stated in the definition, the operation / project must improve the facilities or quality of equipment. This definition excludes interventions, such as those related to maintenance or replacement of research facilities and / or equipment, which in themselves would not give an increase in quality.</p> <p>This indicator applies to mainstream projects only.</p>
<b>Verification Source</b>	<p>Verification sources shall include the following (list not exhaustive), as required:</p> <ul style="list-style-type: none"> <li>• Before and during implementation photos;</li> <li>• A contracts report issued through the Structural Funds Database showing the contracts awarded and being disbursed, representing the works being carried out on the research facilities contributing to this indicator.</li> </ul> <p>The Beneficiary is to maintain any documentation related to the intervention in line with obligations on document retention. All documents are to be made available to the Managing Authority and other stakeholders upon request.</p>

<b>Investment Priority</b>	<b>1b:</b> Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies
<b>Specific Objective</b>	<b>SO2:</b> Strengthening the competitiveness of the private sector through R&D&I in line with the Smart Specialisation Strategy
<b>Indicator Code &amp; Title</b>	<b>CO01:</b> Productive investment: No of enterprises receiving support
<b>Type</b>	Output
<b>Unit of Measure</b>	Enterprises
<b>Definition</b>	<p>Number of enterprises receiving support in any form from ERDF (whether the support represents state aid or not).</p> <p>Enterprise: Organisation producing products or services to satisfy market needs in order to reach profit. The legal form of enterprise may be various (self-employed persons, partnerships, etc.).</p> <p>This indicator measures the number of the enterprises and multiple counting needs to be eliminated (i.e. an enterprise receiving grants more than once is still only one enterprise receiving grants). Registering a unique identifier for each enterprise to avoid multiple counting is a good practice.</p> <p><i>Source: Guidance Document on Monitoring and Evaluation</i></p>
<b>Guidance</b>	<p>The common output indicator focuses on the number of enterprises receiving support in any form from ERDF. Each enterprise represents one under this indicator (no duplicates allowed).</p> <p>This indicator applies to state aid schemes only.</p>
<b>Verification Source</b>	<p>Verification sources shall include the following (list not exhaustive), as required:</p> <ul style="list-style-type: none"> <li>• Number of enterprises supported;</li> <li>• Final Report requested by the IB from the Beneficiary at payment stage;</li> <li>• Supporting documentation from the IB confirming project / operation was implemented e.g. management verification report.</li> </ul>

	<p>The Beneficiary is to maintain any documentation related to the intervention in line with obligations on document retention. All documents are to be made available to the Managing Authority and other stakeholders upon request.</p>
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<b>Investment Priority</b>	<b>1b:</b> Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies
<b>Specific Objective</b>	<b>SO2:</b> Strengthening the competitiveness of the private sector through R&D&I in line with the Smart Specialisation Strategy
<b>Indicator Code &amp; Title</b>	<b>PSO1:</b> Productive investment matching public support in innovation or R&D projects
<b>Type</b>	Output
<b>Unit of Measure</b>	Euro
<b>Definition</b>	Total value of private contribution in supported projects that qualifies as state aid where the form of support is a grant, including non-eligible parts of the project.  <i>Source: Guidance Document on Monitoring and Evaluation</i>
<b>Guidance</b>	The programme specific output indicator focuses on the total value of private contribution in support projects that qualifies as state aid where the form of support is a grant. This should include the non-eligible parts of the project as well.  <i>Source: Guidance Document on Monitoring and Evaluation</i>  This indicator applies to state aid schemes only.
<b>Verification Source</b>	Verification sources shall include the following (list not exhaustive), as required: <ul style="list-style-type: none"> <li>• If applicable, a Project Transactions Report which outlines the applicable aid intensity, the private share, eligible amounts and non-eligible amounts.</li> </ul> <p>The Beneficiary is to maintain any documentation related to the intervention in line with obligations on document retention. All documents are to be made available to the Managing Authority and other stakeholders upon request.</p>