



## PROBLEM SOLUTION

### P7 Interactive problem solution for the private sector (industry)

#### PRIMARY INDICATORS

Human Resources	Economy and Innovation	Society	Policy
	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>• Co-patenting with companies</li> <li>• Production capacities (of drugs, etc.)</li> <li>• Joint technological developments with industry</li> <li>• Contracts with industry</li> <li>• Number of projects funded by industry</li> <li>• Number and Volume of collaborations with industry</li> <li>• Number of students working in enterprise and using RI</li> <li>• Number of firms/private companies using facilities (for testing, etc.), by type</li> <li>• Number and Volume of regional (and total) suppliers</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>• Participation of RI in exchanges with relevant policy makers</li> </ul>



	<b>Outcome</b> <ul style="list-style-type: none"><li>• Uptake of accessible data sets/instruments/tools outside RI (by firms)</li><li>• Number of spin-offs surviving to date</li><li>• Firms using a novel technique or procedure</li><li>• Number of spin-offs created</li></ul>		
	<b>Impact</b> <ul style="list-style-type: none"><li>• Market creation impact: triggered sales volume</li><li>• Technological impact: Number of new technologies and designs</li><li>• Market expansion impact: increased revenues</li><li>• Market expansion impact: increased sales volume</li><li>• Increased economic activity in the region/nation</li></ul>	•	<b>Impact</b> <ul style="list-style-type: none"><li>• Increased trust in science</li></ul>



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#### SECONDARY INDICATORS

Human Resources	Economy and Innovation	Society	Policy
<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Number of continuously employed scientists (local site and entire RI)</li> <li>Scientific collaborations with other RIs (joint projects)</li> <li>Number and duration of (non-scientific) internships</li> <li>Number of conferences/seminars hosted/organised by RI</li> <li>Number and duration of (non-scientific) trainees</li> <li>Number of administrative/research management staff</li> </ul> <p><b>Outcome</b></p> <ul style="list-style-type: none"> <li>Career advances through technical qualification</li> <li>Career advances through administrative qualification</li> </ul>	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Number of non-patented technologies developed</li> <li>Number of patents filed</li> <li>Number, volume, nature of procurement, by supplier type</li> <li>Number of scientific instruments/infrastructures developed</li> <li>Number of software tools developed</li> <li>Number of applications to use data developed</li> <li>Research results fed into shared data sets/repositories</li> </ul> <p><b>Outcome</b></p> <ul style="list-style-type: none"> <li>Stimulation of technology diffusion</li> </ul>	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Presence of RI in relevant thematic committees</li> <li>Presence of RI in relevant standardisation committees</li> <li>Participation of RI in local/regional networks (e.g. clusters)</li> </ul> <p><b>Outcome</b></p> <ul style="list-style-type: none"> <li>Public awareness about taxes going to RI</li> </ul>	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Presence of RI in relevant thematic committees</li> <li>Presence of RI in relevant standardisation committees</li> <li>Participation of RI in local/regional networks (e.g. clusters)</li> </ul> <p><b>Outcome</b></p> <ul style="list-style-type: none"> <li>Success rate of follow up funding applications at project level</li> <li>Uptake of RI input in committee discussions</li> </ul>



<ul style="list-style-type: none"> <li>• Academic career advances: salary increase within RI or after leaving</li> <li>• Academic career advances: promotions within RI or after leaving</li> <li>• Excellent collaborations (visits by world leading teams)</li> </ul>	<ul style="list-style-type: none"> <li>• Business usage of RI information (e.g. via browser)</li> </ul>		<ul style="list-style-type: none"> <li>• Uptake of new topics proposed by RI as funding sections</li> </ul>
<p><b>Impact</b></p> <ul style="list-style-type: none"> <li>• Improved job opportunities in the region/nation</li> </ul>	<p><b>Impact</b></p> <ul style="list-style-type: none"> <li>• Corporate efficiency gains through use/application of RI data</li> <li>• Added value of RI-owned patents and other IP</li> </ul>	<p><b>Impact</b></p> <ul style="list-style-type: none"> <li>• Improvement of wellbeing: Health &amp; Ageing</li> <li>• Contribution to Gender balance</li> <li>• Contribution to public sector challenges: Administration &amp; governance</li> </ul>	<p><b>Impact</b></p> <ul style="list-style-type: none"> <li>• Notable changes in relevant regulations</li> <li>• Notable changes in funding decisions</li> </ul>