



INTRODUCTION TO THE WORKSHOP ON “ASSESSING THE IMPACTS OF PUBLIC RESEARCH SYSTEMS”

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2 May 2016



Workshop objectives



- ❑ Discuss the systematic cross-country mapping of public research policy on governance and industry-science relations
- ❑ Exchange national experiences on core factors for greater impacts of public research on innovation and evidence from different approaches to impact assessment
- ❑ Define next steps for the final phase of the impact assessment module



Agenda of the workshop

2 May 2016

9h30-11h: National Approaches to Public Research Policy and Evidence on What Matters for Impact

11h30-13h00: Governance of Public Research and Impacts on Innovation

14h30-16h00: What institutional characteristics matter for research, education and quality success

16h30-18h00: Industry-University Interactions

3 May 2016

9h00 – 9h30: Update of the Knowledge Triangle Project

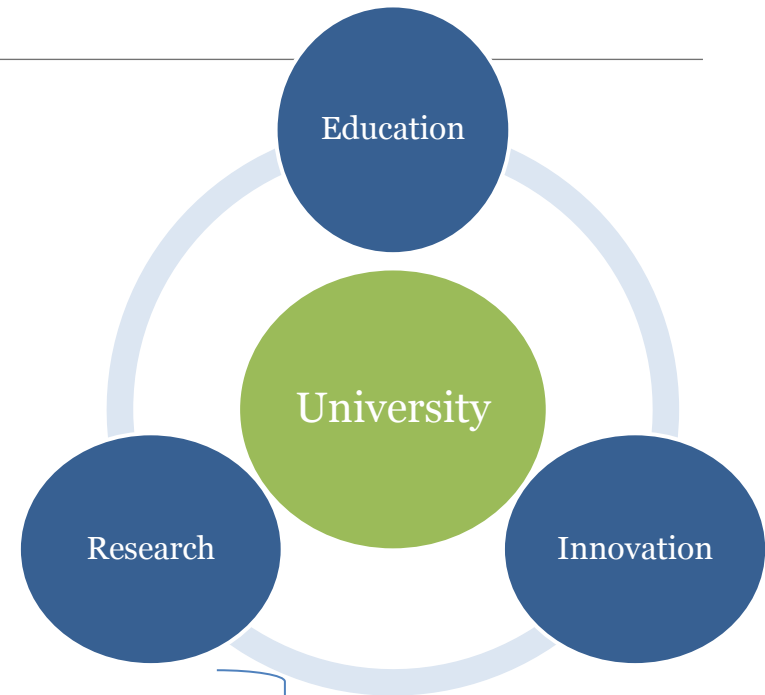
9h30 – 11h30: Industry-Science Linkages: Evidence and Policy Approaches

11h30 – 12h30: Next Steps for Finalizing the Impact Analysis



KT impact module's objectives

- Empirical evidence supporting the TIP/CSTP Knowledge Triangle project
- Complement country case studies on the Knowledge Triangle project



- To help **characterise the diversity of HEIs** within and across countries
- To test relationship between **education, research and innovation**, specifically on industry-science relations
- To map different policy approaches to public research



Indicators of public research policies

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Activity overview

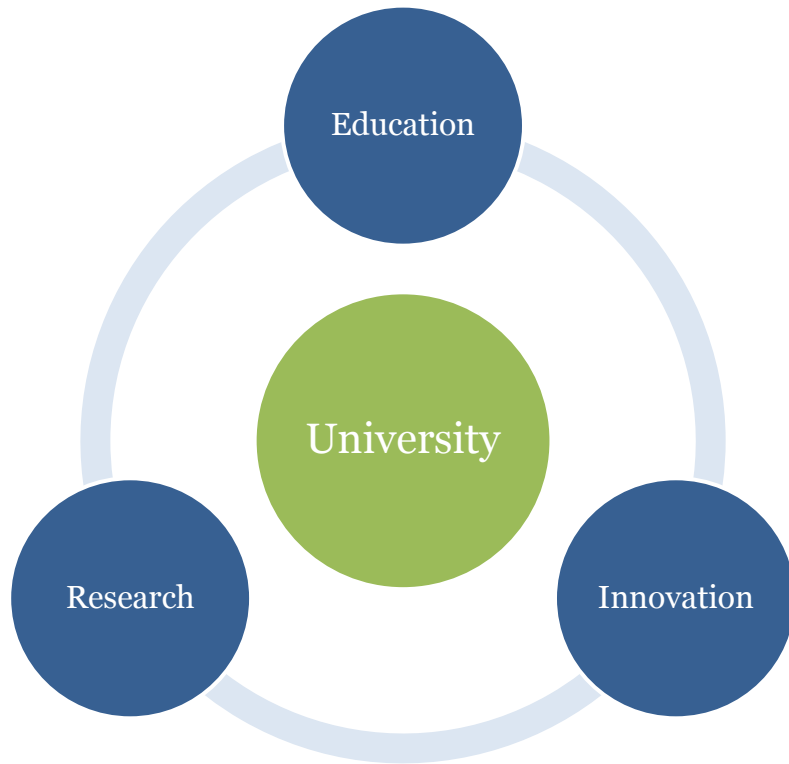
- Map cross-country difference in qualitative aspects of public research policies for systematic comparisons across countries
- Themes: **governance of public research and industry-research linkages**
- Obtaining evidence from existing data sources (Innovation Policy Reviews, STI Outlook Policy Database) for most OECD countries

Objective: Providing indicators of public research policies to allow understanding core differences in policy approaches across countries





Assessing the impacts of different university roles



Objective: Descriptive and econometric analysis shedding light on universities' contribution to innovation

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Activity overview

- **Heterogeneity of institutions** and their roles → policy and evaluation implications
- **Empirical assessment** based on data for **US** and **European universities**
- **Topics** for analysis:
 1. **Characterisation of universities** across different national contexts
 2. **Complementarities & trade-offs** between education, research and innovation roles
 3. **Characteristics of universities and relation to innovation outcomes**

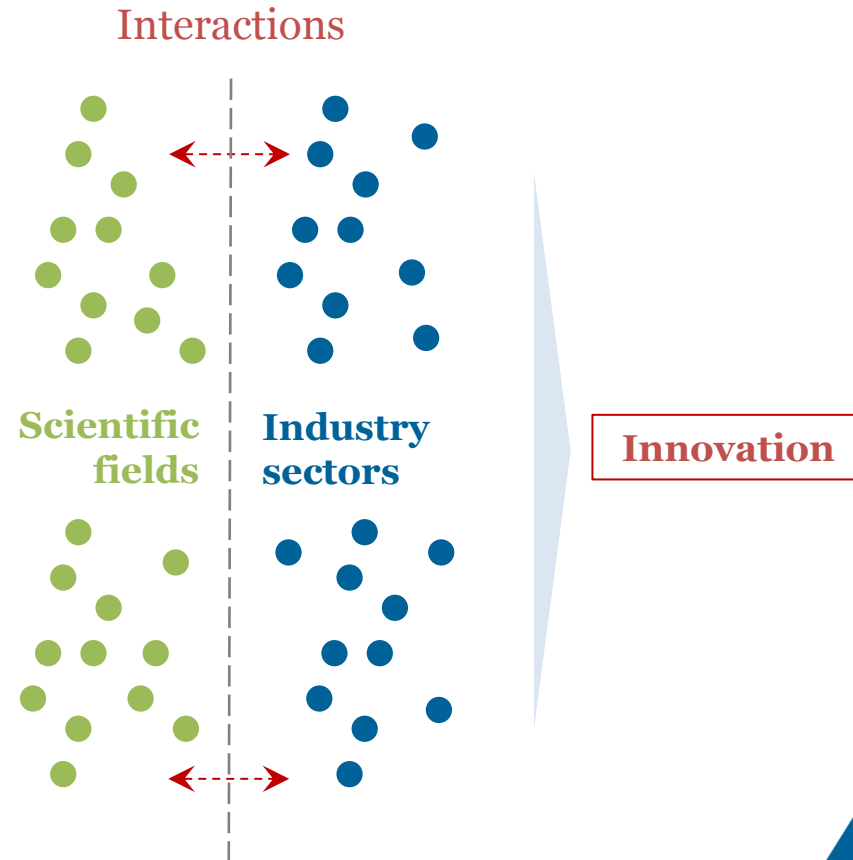


Assessing the contributions of science to industrial innovation

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Activity overview

- In-depth analysis on **interactions** (including direction and intensity) between specific scientific fields & economic sectors
- Identification of scientific fields contributing most to specific sectors
- **Methodology** to enable systematic & cross-country analysis of science-industry links using patent and publications data



Objective: Provide cross-country evidence of the reliance of different industries on graduates from different disciplines



Project websites

Innovation Policy Platform – Impact Assessment of Innovation Policy:

<https://www.innovationpolicyplatform.org/impact-assessment-innovation-policy-oecd-project>

Project website:

<http://www.oecd.org/sti/inno/impact-assessment-public.htm>