

New developments in R&D Statistics: some tendencies and expectations

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Key areas of studies of R&D by the OECD in coming years

- Database and indicators on scientific publications
- Develop and analyse linked micro-data infrastructure on to support analysis of STI policies.
- Public attitudes and understanding of science.

Specific topics of R&D statistics, which will be of special interests for the OECD in coming years

- **Macro-economic impacts of S&T funding volumes and patterns**
- **Biotech statistics**
- **Input towards nanotechnology indicators publication**

Preparation of new manuals and the revision of the Frascati Manual

- The *Frascati Manual revision* (capitalization of R&D, definition of R&D and so on)
- Review of the measurement framework for innovation (within the Oslo Manual)
- Cognitive testing techniques
- The role of design as a driver of innovation
- Public sector innovation survey
- Review of the R&D tax incentives
- Update of the OECD database on Careers of Doctorate Holders

Other changes and directions of work

- Human resources for science and technology and mobility indicators
- Indicators of open access to science and impact
- Mixed Modes of Innovation: An Empiric Approach to Capturing Firms' Innovation Behaviour
- Creation of integrated platform of data and other information

Key directions of actions for the nearest years in statistics of innovation

- develop innovation indicators that can be linked to aggregate measures of economic performance;
- invest in a high quality and comprehensive statistical infrastructure to analyse innovation at the firm level;
- promote measures of innovation in the public sector and for public policy evaluation;
- find new and interdisciplinary approaches to capture knowledge creation and flows; and
- promote the measurement of innovation for social goals and of social impacts of innovation.

What this means for other countries?

- The need to follow the changes closely
- The need to change their statistical standards
- The need to participate in joint activities (along with Russia, China and some other states)
- Create mechanisms for co-operation between different countries at regional level to defend their positions internationally

Thank you!