

WORKING PARTY ON NANOTECHNOLOGY

Project A: Statistics and measurement

Workshop on statistics and measurement: November, 14th, 2007.

OECD Headquarters, Chateau de la Muette (Room D), Paris

09.00-09.15 : **Welcoming the participants.** Short statement on the objectives of the meeting. Participants will note that the meeting will be supported by a preliminary outline of 'Nanotechnology at a Glance'.

Chairman: **Chuck Mc NIVEN (Statistics Canada)**

1. Learning from past experiences

09.15-09.45 : **The OECD experience with biotechnology measurement**
Presentation and discussion
Brigitte Van BEUZEKOM (OECD). Presentation and discussion of the work which has been done by the Working Party on Biotechnology since 2000. What can be learnt from the viewpoint of nanotechnology?

09.45-10.15 : **Nanotechnology pilot survey by Statistics Canada and approach to nanotechnology measurement**
Presentation and discussion
Chuck Mc NIVEN. Statistics Canada has conducted its initial national nanotechnology company survey. Presentation of the approach, outcomes and lessons of this work

10.15-10.45 : **Summarizing discussion**

10.45-11.15 : **Coffee break**

2. Emerging indicators and statistics on nanotechnology

11.15-11.45 : **Measuring the dynamics of nanoscience**
Presentation and discussion
Andrea BONACCORSI (University of Pisa, Italy). How can rapid and dynamic nanoscientific developments be measured, which are the trends and what types of indicators could be developed?

11.45-13.15 : **Lunch (free choice of restaurants nearby to the OECD Chateau)**

13.15-13.45 : **The economic development of nanotechnology**
Presentation and discussion **Representative from the EC (to be confirmed)**. Presentation of the work on economic indicators for nanotechnology developments undertaken by the European Commission.

13.45-14.15 : **Human resources and nanotechnology**
Presentation and discussion **Grant BLACK (Indiana University South Bend, USA)**. Viewpoints on measuring the interrelationships between nanotechnology and human resources based on experiences in the US

14.15-14.45 : **Summarizing discussion**

14.45-15.15 : **Coffee break**

3. Nanotechnology patenting. Classifications, analytical insights and lessons

15.15-15.45 : **Nanotechnology in patent classifications**
Presentation and discussion **Christian KALLINGER (European Patent Office)** How do Patent Offices adapt their internal and external classifications to nanotechnology patents? What are the specific issues?

15.45-16.15 : **Capturing nanotechnology's current state of development via analysis of patents**
Presentation and discussion **Masatsura IGAMI (National Institute of Science and Technology Policy, Japan)**. Presentation of OECD/NISTEP work on nanotechnology publishing and patenting.

16.15-16.45 : **Summarizing discussion**

16.45-17.15 : **Coffee break**

17.15-18.00 : **Wrapping up and elaborating the project A work program**
Discussion on the lessons of the workshop, the need for developing comparable indicators and statistics and the way forward for project A.