Delegates will find attached the draft agenda for the first meeting of the Working Party on Research Institutions and Human Resources (RIHR).

Delegates should note the change in the order of some agenda items compared to the version issued on 9 March 2009.

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FIRST MEETING OF THE WORKING GROUP ON RESEARCH INSTITUTIONS AND HUMAN RESOURCES (RIHR)

DRAFT AGENDA
18 and 19 May 2009

Venue:
Room CC6, OECD Headquarters
2, rue André Pascal
75016 Paris

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6. Skills for innovation

This work is a key output of the RIHR and is aimed at identifying the skills base for research and innovation (such as skills for service industries and non-technological innovation, re-training), and fostering linkages and knowledge exchange within the research and innovation system (including collaboration and the internationalisation of research).

a) Measuring skills in the Programme for the International Assessment of Adult Competencies (PIAAC)

PIAAC aims to assess adult skills and competencies as well as generics skills required in the workplace. The four areas of competence that will be assessed are 1) problem-solving in a technology-rich environment; 2) literacy; 3) numeracy; and 4) literacy component skills. In addition, a module will also seek to assess a number of generic skills used in the workplace such as IT, communication, presentation and team-working skills.

The Secretariat (Mr. Thorn) will provide an overview of this project.

ACTION REQUIRED: This item is for information.

b) Measuring skills for innovation

The measurement working group of the Innovation Strategy is developing a definition of skills for innovation and identifying existing metrics that can be used to measure them.

The Secretariat (Ms. Colecchia) will provide a summary of this work.

ACTION REQUIRED: This item is for information.

c) Advancing innovation: human resources, education and training – Workshop summary

The Secretariat (Ms. Weidemann) will provide a short summary of the joint RIHR-CERI workshop held in November 2008.

ACTION REQUIRED: This item is for information
11:30-12:30  
**d) Guest presentation (Mr. Toner, University of Western Sydney) – Workforce Skills and Innovation**

The primary focus of research on human capital and innovation has been on scientists, engineers and technologists. This reflected the traditional view of innovation as being one essentially of scientific Research and subsequent Development of new products and processes. Whilst it is undoubtedly the case that leading edge scientific and engineering endeavours are a crucial stimulus to productivity and economic growth, over several decades it has been increasingly recognised that the broader non-HRST workforce and the non-science and engineering part of the HRST workforce also plays an essential role in the innovation process.

**ACTION REQUIRED:** This item is for discussion.

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12:30-14:00  
**Lunch**

14:00-15:00  
**e) Guest presentation (Ms. Greenan, Centre d’Etude de l’Emploi and TEPP - CNRS) – The learning organisation**

How do different management and organisational workplace structures shape peoples’ ability to innovate? What approaches enable firms to encourage and tap into their employee’s capacity to innovate? What employee skills are being underutilised? This work provides an overview of organisational cultures that encourage innovation.

**ACTION REQUIRED:** This item is for discussion.
15:00-15:30  

**f) Innovation in Education**

If individuals are to be equipped with the capacity both to innovate and to adapt to innovation, it is important to better understand how education systems can become more innovative themselves in order to quickly and better respond to new knowledge and social demands. Innovation in education is an essential means to improve the outcomes of education systems in terms of learning, equity and cost-effectiveness.

The secretariat (Mr. Vincent-Lancrin) will present an update of CERI work linked to the Innovation Strategy.

**ACTION REQUIRED:** This item is for information and discussion.

15:30-16:00  

**Break**

16:00-17:00  

**g) Skills for innovation**

The Secretariat (Ms. Basri) will present a progress report.

**ACTION REQUIRED:** This item is for substantive discussion.

17:00-18:00  

7. **Human Resources for Science and Technology**

The work of the RIHR Group also focuses on analysing specific issues related to human resources for science and technology (HRST) as well contributing to the improvement of HRST data.

**a) The careers of doctorate holders**

The Directorate for Science, Technology and Industry launched a project in 2004 to follow the career paths and mobility of doctorate holders. The project, the Careers of Doctorate Holders (CDH), is being jointly undertaken with Eurostat and the UNESCO Institute for Statistics and includes data on doctoral holders’ demographic and educational characteristics, their labour market situation, international mobility and scientific output.

The secretariat (Ms. Auriol) will present the latest results from this project.

**ACTION REQUIRED:** This item is for discussion.
b) Inter-sectoral mobility of the highly skilled

The mobility of researchers between sectors, research institutions, universities and industry is seen as an important instrument for transferring knowledge and expertise and boosting research and innovation capabilities. As part of its work on mobility, the Secretariat has conducted a literature study on inter-sectoral mobility and found that data in this area are limited and must be improved if further work is to be undertaken.

However, in principle, inter-sectoral mobility data can be derived from the Careers of Doctorate Holders (CDH) project.

The secretariat will present the findings (Ms. Weidemann) and provide an update related to CDH work on this topic (Ms. Auriol).

ACTION REQUIRED: This item is for discussion.

18:00   ADJOURN FOR THE DAY
8. Future Work

**Performance based funding: Project proposal**

An expert in the field (Mr. Sivertsen, NIFUSTEP) will present some experiences of performance-based funding.

The Secretariat (Ms. Weidemann) will present a proposal for new work on performance-based funding of publicly funded research in higher education.

**ACTION REQUIRED:** Delegates are invited to discuss the draft proposal, provide feedback and indicate support for this work.

9. The transformation of PRIs: Implications for Science and Innovation Policy

This project is analysing the transformation and patterns of governing and financing research institutions including issues related to their strategies and priority selection, public or private ownership and the use of financial instruments to enhance desired outcomes of the science systems, institutions or grant schemes as well as the emergence of new types of “semi-public” research performing institutions. It is also examining recent evaluation exercises related to PRIs.

**a) Analysing the transformation of PRIs**

i) The Secretariat (Ms. Basri) will present current work to date.

**ACTION REQUIRED:** These items are for substantive discussion. Delegates are invited to discuss the draft paper, provide feedback and agree on the case study approach.

10:30-11:00

ii) Next steps: Developing the case studies.

- Mr Löytökorpi (Ministry of Education, Finland) will present a Finnish case study proposal
- Mr. Polt (Joanneum Research) will present an overview of potential case study questions. He will also refer to a study on the internationalisation of PRIs.

**Oral presentation**

**Oral presentation**

11:00-11:30

**Break**

11:30-13:00

**Lunch**
b) Evaluation of Science and Technology

The CSTP requested that the TIP group, with assistance from RIHR, help countries develop a better understanding of the issues in designing and implementing their own evaluation practices and methods. This work looks at four main areas:

i) the role of “peer review” as a tool in the evaluation of research and innovation policies, programmes and institutions;

ii) the role of evaluation in priority setting and decision making;

iii) the architecture or systems of evaluation in countries (see DSTI/STP/TIP(2007)15 and DSTI/STP/TIP(2008)1).

iv) An additional module on the “internationalisation of evaluation” was proposed but was subsequently mainstreamed into the above three modules.

The project also builds on TIP work on Assessing the Socio-Economic Impacts of Public R&D and work in NESTI on output indicators for S&T. It also draws on the joint TIP/RIHR workshops held in October 2007 and September 2008.

The Secretariat (Mr. Cervantes) will present this work.

ACTION REQUIRED: This item is for information. Delegates are invited to note this work in the context of the next agenda item (9).

c) Strengthening the Impact of PRIs

Evaluation has become a central part of the management and governance of public support for science and innovation. This work analyses recent evaluation exercises related to PRIs and draws out some lessons for the steering and funding of PRIs and for future evaluation work.

The Secretariat (Ms. Box) will present the results.

ACTION REQUIRED: This item is for substantive discussion. Delegates are invited to discuss the draft paper, provide feedback and agree on which messages should be included in the main CSTP report on evaluation.
10. **OECD Innovation Strategy: Policy discussion**

The OECD Innovation Strategy was launched by Ministers at their May 2007 Ministerial Council Meeting. There, a mandate was given to address countries’ needs for a more comprehensive, coherent, and timely understanding of how to promote, measure and assess innovation and its underlying dynamics of change. In response, the OECD is developing a horizontal and multidisciplinary strategy for addressing the needs of countries for advice on harnessing the potential of innovation as a driver of growth and productivity, equity and development.

The Secretariat (Ms. Koreen) will provide an update, focussing on the next steps.

**ACTION REQUIRED:** This item is for substantive discussion. Delegates are invited to discuss the key inputs from the RIHR work programme and the main policy messages the RIHR Group wants to convey in the final report.

11. **Other Business**

12. **Date of Next Meeting**

17:00 **ADJOURN**