Hosted by the Federal Ministry of Education, Science and Culture
Vienna, Austria
19-20 October 2006

The future of academic research

Expert meeting

Annotated agenda

Location:

19 October: Room E01 / Federal Ministry / Teinfältstrasse 8 / A-1010 Vienna
20 October: Fechtsaal / Freyung 1 / Federal Ministry /
Objectives of the meeting:

This meeting is part of the ongoing project on the future of higher education carried out at the OECD Centre for Educational Research and Innovation (CERI). The project aims to offer avenues to reflect upon the strategic questions which decision makers in higher education will have to answer in a 15-20 years time-line. Higher education refers to general and vocational tertiary education (ISCED 5a, 5b and 6); it goes beyond the university sector (for countries whose system is not unified). Besides incrementally developing a set of futures scenarios, the project gives a particular emphasis to 5 (inter-related) themes through a series of thematic meetings that explore key drivers of change for the future of higher education: technology, demography, globalisation, academic research and labour market demand.

The purpose of the present meeting is to identify recent trends and emerging phenomena in science and in higher education (policy) and deepen our understanding of how they might affect the future of academic research. The project has already generated some information on these trends, especially in its analyses of new technologies and of globalization. The meeting will first focus on trends in higher education policy and in academic research. It will then start from trends in science generally and reflect on how they could change the organization of higher education or induce changes in higher education in the future.

The meeting will help the OECD Secretariat identify the main important areas of investigation related to academic research for further analytical work. The discussions could contribute to a book or lead to reference working papers for the project. A second objective is to contribute to the further improvement of its current set of scenarios.

Meeting participants come from different geographical and occupational backgrounds in order to reflect different viewpoints on the issues. They are scientists, social scientists, educational experts, stakeholders, and policy makers.
Thursday 19 October
Location: Room E01 / Federal Ministry / Teinfaltstrasse 8

9.00-10.30: Session 1: Introduction, tour de table and trends

Barbara Weitgruber (Austrian Federal Ministry) will open the meeting and Stéphan Vincent-Lancrin (OECD) will introduce the OECD project on the future of higher education and recall the main trends and drivers identified in the background paper. During the tour de table, participants will be asked to identify the 2 most important drivers of change for the future from their perspective.

10.30-10.50: Coffee break

10.50-13.00: Session 2: Trends and drivers of change in academic research

Academic research is increasingly considered as an engine for innovation and growth at the national and regional level. The prestige of institutions also relies a lot on their reputation in research, as shown by recent international rankings of universities. As a result, there is a mounting international competition around academic research, which has been amplified by the emergence of new economies (and potential poles of science) in Asia. At the same time, patterns of governance in the higher education sector are changing, with an increasing use of competition to allocate research funding, the encouragement of the patenting of research, of more links with local industries, etc.

The discussion will be launched by Aldo Geuna (University of Sussex) and Franz Tödtling (University of Vienna).

13.00-14.00: Lunch

14.00-15.00: Session 2: Trends and drivers of change in academic research: consolidation

This short session will consolidate and synthesise the results of the previous discussion and determine what are the key drivers and trends to be considered for the future of higher education and what kind of impact they might have.

15.00-16.00: Session 3: Policy and regional responses and their impact on higher education systems (1)

This session will examine how policy makers manage the perceived changes and speculate on the implications for higher education. Recent observable trends lay in the creation of “centres of excellence”, the willingness to create a few “world class universities”, to concentrate research and research funding in a small number of institutions, and to make researchers more accountable and productive.

One of the important question will be about the concentration of research: 1) might academic research be marginalised compared to other research sectors in the near future, and under what conditions? 2) will academic research become more concentrated in a few institutions in the future (or carried out by a specialised staff within institutions) and will the distinction between “research” and “scholarship” spread in the future? 3) how might this affect the profiles of research in different countries?

The discussion will be launched from a country/regional perspective with 3 brief introductions by Diane Jones (Executive Office of the President, United States), Shinishi Yamamoto (University of Hiroshima) and René Bugge Bertramsen (Denmark).

16.00-16.20: Coffee break
16.20-17.30: Session 3: Policy and regional responses and their impact on higher education systems (2)

This session will be devoted to a general discussion of the same issues.

17.30-18.00: Session 4: Conclusion of the first day

Carl Tham, former Swedish Minister of education, will wrap up and react to the first day of the meeting from a policy-making perspective.

19.00: Reception hosted by the University of Vienna

    Senatssaal
    Dr. Karl-Lueger-Ring 1
    A-1010 Vienna
Friday 20 October

Location: Fechtsaal / Freyung 1 / Federal Ministry

9.00-11.00: Session 5: The future of science and its impact on the future of academic research

This session will start to examine the changes and drivers for change in the practice of science and speculate from there how this might change academic research: will it still be possible to carry out all types of research within the higher education sector? What new ways of doing academic research can (or will have to) emerge? The impact of technology (computing power and ICT), the convergence of some scientific fields and inter-disciplinarity are some of the questions to be discussed, as well as how this could affect social science and humanities.

Stephen Emmott (Microsoft) will present the results of the Science 2020 project ([http://research.microsoft.com/towards2020science/downloads.htm](http://research.microsoft.com/towards2020science/downloads.htm)). Verena Winiwarter (University of Vienna) and Al Teich (AAAS) will briefly respond to his introduction.

11.00-11.15: Coffee

11.15-13.00: Session 6: Scenario building exercise (break out)

The group will split in two sub-groups to build 2-4 futures scenarios for the future of academic research.

13.00-14.00: Lunch

14.00-15.00: Session 6: Scenarios: report back (plenary)

The group will resume in plenary and present and discuss the scenarios.

15.00-16.00: Session 7: Conclusion

This last session will aim at consolidating the main results of the meeting and identify areas for further research for the higher education project and provide feedback on the Secretariat’s current set of scenarios.

End & Coffee: 16.00
Participants list for OECD expert meeting
The Future of academic research
Vienna, Austria

19 – 20 October 2006

Australia/Australie

William THORN
Counsellor (Education, Science and Training)
Permanent Delegation to the OECD
4 rue Jean Rey
75015 Paris
France
Tel: +33 1 40 59 33 45
Fax: +33 1 40 59 33 94
Email: william.thorn@aei.gov.au

Austria/Autriche

Renate FISCHER
Federal Ministry for Education, Science and Culture
VI/71
Rosengasse 2-6
Vienna Austria
Tel: +43 1 53120-6053
Fax: +43 1 53120-81 6053
Email: renate.fischer@bmbwk.gv.at

Lorenz FRITZ
Vice Chairperson
Österreichischer Wissenschaftsrat (Austrian Science Council)
Former Secretary General at the Federation of Austrian Industry
Liechtensteinstrasse 22a,
A-1090 Vienna
T:+43(0)1/319 49 99-20
F: +43(0)1/319 49 99-44
Email: office@wissenschaftsrat.ac.at

Elsa HACKL
Professor
University of Vienna
Universitätsstrasse 7
A-1010 Vienna Austria
Tel: +43/1/4277-47725
Email: elsa.hackl@univie.ac.at
Julia PRIKOSZOVITS  
Secretary General  
Austrian Science Council  
Österreichischer Wissenschaftsrat  
Liechtensteinstrasse 22a  
A-1090 Vienna Austria  
T:+43(0)1/319 49 99-20  
F: +43(0)1/319 49 99-44  
Email: julia.prikoszovits@wissenschaftsrat.ac.at

Hans SÜNKEl  
Austrian Rector’s Conference  
Rector of the Technical University Graz  
Rechbauerstrasse 12  
A-8010 Graz Austria  
Tel.: +43 / 316/873-0  
Fax: 0316/873 6009  
Email: hans.suenkel@tugraz.at

Franz TÖDTLING  
Professor  
Vienna University of Economics and Business Administration  
Institute for Regional Development and Environment  
Nordbergstraße 15, UZA4 B403  
A 1090 Vienna Austria  
Tel: +43 1 31336-4781  
Email: franz.toedtling@wu-wien.ac.at

Barbara WEITGRUBER  
Strategic Projects in International Relations  
Interface Science-Research-Education  
Teinfältstraße 8  
A-1040 Vienna  
Tel: +43 1 53120 7140  
Fax: +43 1 53120 7891  
Email/ barbara.weitgruber@bmbwk.gv.at

Verena WINIWARTER  
Guest Professor  
IFF - Fakultät für interdisziplinäre Forschung und Fortbildung der  
Universität Klagenfurt (Klagenfurt, Wien, Graz)  
Abteilung für Kultur- und Wissenschaftsanalyse  
Schottenfeldgasse 29/Stiege 1  
1070 Vienna Austria  
tel +43 (0)1 5224000-523  
fax +43 (0)1 5224000-577  
Email: verena.winiwarter@univie.ac.at
Canada
David ROBINSON
Associate Executive Director (Research and Advocacy)
Canadian Association of University Teachers & Education International
2675 Queensview Drive
Ottawa
Canada
Tel: +1 613 820 2270 ext. 335
Fax: +1 613 820 7244
Email: robinson@caut.ca

Denmark/Danemark
René Bugge BERTRAMSEN
Director General
Ministry of Science, Technology and Innovation
Division of Education and Science Institutions
Bredgade 43
DK-1260 COPENHAGEN K
Denmark
Tel: 00 45 7226 5600
Fax: 00 45 3393 8012
Email: rbb@vtu.dk

Germany/Allemagne
Rainer HAARBUSCH
University of Munich
Leopoldstrasse 3
80802 München
Germany
Tel: +49 89 2180 1424
Fax: +49 89 2180 99 1424
Email: Haarbusch@lmu.de

Japan/Japon
Shinichi YAMAMOTO
Director
University of Tsukuba
3-29-1 Otsuka, Bunkyo-ku
112-0012 Tokyo
Japan
Tel: 81-3-3942-6307
Fax: 81-3-3942-6310
Email: yamashin@mx6.mesh.ne.jp

Netherlands/Pays-Bas
Matthias BRIENEN
Student representative
Association des états généraux des étudiants de l’Europe
AEGEE – Utrecht
Kruisstraat 201, k. 2.05
NL – 3581 GK Utrecht
The Netherlands
Tel:+ 030 253 4417
Email: m.j.brienen@aegee-utrecht.nl
Portugal/Portugal

Teresa PATRICIO
Advisor to the Minister of Science, Technology and Higher Education
Ministry of Science, Technology and Higher Education
Estrada das Laranjeiras, 205
1649-018 Lisboa
Portugal
Tel: + 351 21 723 1131
Fax: + 351 21 726 41 36
Email: teresap@mctes.gov.pt

Sweden/Suède

Carl THAM
Former Minister of Education
Olof Palme Internationella Centrum
Sveavägen 68, plan 5
Box 836
10136 Stockholm
Sweden
Email: carl.tham@gmail.com

United Kingdom/Royaume-Uni

Stephen EMMOTT
Microsoft Corporation
Towards 2020 Science
Microsoft Research
7 J J Thomson Avenue
Cambridge, CB3 0FB UK
Email: semmott@microsoft.com

Aldo GEUNA
Senior Lecturer
Science and Technology Policy Research (SPRU)
The Freeman Centre
University of Sussex
Brighton, BN1 9QE.
Tel: +44 1273 877139
Fax: +44 1273 685865
Email: a.geuna@sussex.ac.uk

United States/Etats-Unis

Diane Auer JONES
Deputy to the Associate Director of Science
New Executive Office of the President
Office of Science & Technology Policy
New executive Office Building
20502 Washington
United States
Tel: +1 202 456 6130
Fax: +1 202 456 6027
Email: djones@ostp.eop.gov
AL TEICH
Director – Science and Policy Programs
American Association for the Advancement of Science (AAAS)
1200 New York Ave., NW
20005 Washington
United States
Tel: +12023266600
http://www.alteich.com
Email: ateich@aaas.org

Trade Union Advisory Committee
(TUAC)/Commission syndicale consultative
(TUAC)
Roland SCHNEIDER
Senior Policy Adviser
Permanent Delegation to the OECD
15, Rue Lapérouse
75016 PARIS
France
Tel: +33 1 55 37 37 36
Fax: +33 1 47 54 98 28
Email: schneider@tuac.org

OECD/OCDE
Henno THEISENS
Analyst
Directorate for Education
Centre for Educational Research and Innovation
2 rue André-Pascal
75016 Paris
France
Tel: +(33-1) 45 24 93 29
Email: Henno.THEISENS@oecd.org

Stéphan VINCENT-LANCRIN
Analyst
Directorate for Education
Centre for Educational Research and Innovation
2 rue André-Pascal
75016 Paris
France
Tel: +(33-1) 45 24 92 29
Email: Stephan.VINCENT-LANCRIN@oecd.org