



OECD/IHERD and IRD EXPERT MEETING

Innovation, Higher Education, and Research for Development (IHERD)
and
l'Institute de Recherche pour le Développement (IRD)

Agenda

Increasing evidence-based approaches in the design
and implementation of innovation and research policy
in developing countries

1-2 July 2013, Marseille, France



Rational and objective

The Project on Innovation, Higher Education, Research (IHERD) is an OECD initiative financed by the Swedish International Development Agency (Sida), which aims at increasing the knowledge and understanding of policy and management instruments in higher education, research and innovation, so that developing countries are better able to plan, produce and use research for development.

Since the late 1980s research and innovation policies in OECD member countries have been guided by the insight that knowledge is central to a nation's economic growth and competitiveness. The success of the BRICS countries has confirmed the relevance of this insight even for developing countries. Innovation, higher education and research activities have increased very rapidly in emerging countries and their contribution to economic growth is broadly recognized. At the same time, implementing local innovation and keeping connected to world-wide knowledge networks are key conditions that apply to countries at all stages of development: hence the need for government to create appropriate conditions for the expansion of these activities.

The conditions for promoting research and higher education have however changed significantly since the decade of decolonizing when many developing countries first initiated efforts to develop higher education and research systems. Three of the most significant developments in this regard are the internationalisation of higher education and research, the increased reliance on performance based resource allocation to research and a new generation of policies for increasing returns from research to innovation.

Against this background, OECD organizes, in partnership with Sida and IRD, this expert meeting that aims at taking stock on lessons learned on evidence-based approaches to policy making through IHERD research, with a special focus on effective governance and management of research and innovation at policy and institutional levels so that developing countries can better achieve policy objectives in these areas.

This will be achieved by engaging 50 international experts in the areas by presenting and discussing the emerging results from the IHERD as reflected in a series of thematic reports and country studies done in 2012-2013 and addressing the main issues in these fields. The goal is for the discussions to elaborate on the initial findings of the reports and prioritise their policy conclusions.

Participation by invitation, targeted experts are:

- Policy-makers and policy-shapers of research and innovation policies
- Academics in the fields of innovation, higher education and research for development
- Managers from:
 - Higher education institutions
 - Public research organisations
 - Research funding agencies
 - Development Assistance Agencies supporting higher education and research

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- **Comparative research funding landscape:** Focuses on increasing our understanding about qualitative descriptors in public research systems.
- **Report on research funding instruments and modalities:** Defines and describes key funding instruments used to provide public support for research and innovation and analyse their impact on key policy issues.
- **Center of Excellence as a tool for capacity-building?** Presents necessary requirements on policy and institutional levels for making Centres of Excellence a viable tool for developing robust teaching, research and innovation capacities.
- **Trends in development assistance for research** - Places development assistance to research in a broader context and describes the research funding landscape in foreign aid assistance.
- **Increasing the effectiveness of research and innovation management** - Presents strategies and options that developing countries could adopt to address knowledge and skills gaps and build capacity for more effective research and innovation management based on experiences from Cambodia, Vietnam, Malaysia and Thailand, which were presented in discussed at an Expert meeting in Kuala Lumpur in February 2013.
- **Skills gaps for internationalization in research and innovation management:** Presents strategic options that developing countries could adopt to build capacity for more effective research and innovation management based on experiences from Kenya, Uganda and Ghana.
- **Research Universities - Networking the knowledge Economy** - Special Issue Published by Studies in Higher Education following an international seminar organised jointly by the OECD and the Centre for International Higher Education, Boston College, in October 2012.
- **OECD Discussion report on Innovation and inclusive development** - Discusses the relationship between innovation and inequalities in developing countries.

Agenda

Day I (1 July)

08.30-09.00	Registration
09.00-09.15	Opening Session
	<p>Chair: Mr. Dominique Guellec, Head of Country study and Outlook Division, OECD Directorate of Science, Technology and Industry</p> <p>Welcome remarks:</p> <ul style="list-style-type: none">• Mr. Benjamin Buclet, Head of Capacity Building Department, the Institute for Research and Development (IRD), Marseille• Ms. Deborah Roseveare, Head, Skills beyond Schools Division, Directorate for Education and Skills, OECD• Ms. Lena Johansson de Château, Research Advisor, Research Cooperation Unit Department for Global Cooperation, Swedish International Development Cooperation Agency (Sida)

09.15-10.45	Session I: Trends in public research and innovation funding - opportunities and challenges
	<p>Introduction The research performance of countries depends on factors other than just the level of R&D investment. In particular, funding instruments can play an important role in influencing the efficiency of the fund use, notably by incentivizing researchers and institutions. This session will present the preliminary results of two IHERD research projects that aim at increasing our knowledge on the research funding systems and the funding instruments and modalities with a view to supporting stakeholders and governments of middle and low income countries to build or improve their countries' research funding systems.</p> <p>Key questions to be addressed:</p> <ul style="list-style-type: none"> • <i>In what way can qualitative comparative analysis of research systems help identify policy lessons for countries that are at different stages of development?</i> • <i>To what extent and in what way can the IHERD research report on public funding instruments for research and innovation contribute to a more evidence-based management approach?</i>
	<p>Moderator: Fred Gault, Professorial Fellow, The United Nations University - Maastricht Economic and Social Research Institute on Innovation and Technology (UNU-MERIT), Netherlands</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Mr. Gang Zhang, Principal Administrator, CSO/DSTI, OECD and Mr. George Chorafakis, Consultant, on <i>Preliminary findings of the IHERD report on the typology of public research funding systems</i> • Ms. Merle Jacob, UNESCO Chair and Director for the Research Policy Institute, Lund University, on <i>Preliminary findings of the IHERD research report on public research funding instruments and modalities</i> <p>Lead Commentators:</p> <ul style="list-style-type: none"> • Mr. Bi Irié Vroh, Senior Expert, Science and Technology Policy, Human Resource Science and Technology, African Union Commission • Mr. Piyawat Boon-Long, Executive Director, The Knowledge Network Institute of Thailand (KNIT) <p>Q&A and Discussion</p>
10.45-11.00	Coffee break

11.00-12.45	Session II: Centres of Excellence as a tool for capacity-building?
	<p>Introduction: Center of Excellence (CoEs) has been widely used as a policy instrument for promoting capacity building in science and innovation. This session will present the results of the IHERD research project on CoEs as a tool for capacity building, which aims at identifying necessary conditions at policy and institutional levels for making CoEs a viable tool for developing robust teaching, research and innovation capacities. The project report draws on insights from five case studies of CoEs in Sweden, Canada, India, Russia and South Africa.</p> <p>Key questions to be addressed</p> <ul style="list-style-type: none"> • <i>Under what conditions and circumstances can CoEs be a viable instrument for supporting the development of local research capacities to produce top class research in key areas?</i> • <i>What policies and management can favour the emergence and expansion of CoEs in developing countries?</i>
	<p>Moderator: Ms. Maria Slowey, Director, Higher Education Research and Development Office of the Vice-President for Learning Innovation, Dublin</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Mr. Tomas Hellström, Lund University, Sweden, • Mr. Venni Venkata Krishna, Centre for Studies in Science Policy, School of Social Sciences, Jawharlal Nehru University, New Delhi; on the <i>findings from the study on Center of Excellence as a tool for capacity-building?</i> • Mr. Paulos Chanie, Director, Organization of Social Science Research in Eastern and Southern Africa (OSSREA) and Mr. David Woods, President SANTRUST, South Africa on the <i>Findings from the study on the Pan-African University.</i> • Ms. Ester Basri, Principal Administrator, Science and Technology Policy Division, DSTI, OECD on the <i>Working Party on Research Institutions and Human Resources study on CoEs as new forms for incentive based funding.</i> <p>Lead commentators:</p> <ul style="list-style-type: none"> • Mr. Fernando Mérida Martín, Innovation and Competitiveness Directorate-General, Ministry of Economic Affairs and Competitiveness, Spain • Mr. Ebrima Sall, Executive Secretary, Council for the Development of Social Science Research in Africa (CODESRIA) <p>Q&A and Discussion</p>
12.45-14.15	Lunch

14.15-16.00	<p>Session III: Modern Academy: Skills and knowledge requirements for managing research and innovation</p>
	<p>Introduction Management of research and innovation has emerged as a specialised area of management in response to the new policy and funding modalities that have emerged over the last 10 to 20 years. It involves missions and tasks like attracting funding, managing funds, liaising with funding bodies, conducting internationalization, project planning, implementation, monitoring and evaluation, as well as publication, research dissemination and, in some cases, commercialization.</p> <p>Key questions to be addressed</p> <ul style="list-style-type: none"> • <i>What are the necessary skills and knowledge requirements at policy and institutional levels for managing research and innovation in development?</i> • <i>How can skills and knowledge be best developed and harnessed in development?</i>
	<p>Moderator: Mr. John Hearn, Vice President: International University of Sydney, Australia and Chief Executive, Worldwide Universities Network</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Mr. Alan Pettigrew, Australian Government’s Cooperative Research Centres Committee, Australia, on the <i>Typology of Skills and Knowledge for Leadership and Management of Research and Innovation</i>. • Ms. Molly Lee, School of Educational Studies, Universiti Sains, Malaysia, on <i>Results of the IHERD research report on effectiveness of research and innovation management at policy and institutional levels</i>. • Mr. James Otieno Jowi, Executive Director, African Network for Internationalization of Education (ANIE), Kenya, on <i>Skills gaps for internationalization in research and innovation management</i>. <p>Lead commentators:</p> <ul style="list-style-type: none"> • Mr. Edmundo Torres Godoy, Professor, National Autonomous University of Nicaragua, Nicaragua • Mr. Nico Cloete, Director, Center for Higher Education for Transformation, CHET, Cape Town. <p>Q&A and Discussion</p>
16.00-16.30	<p>Coffee break</p>

16.30-18.00	Session IV: Trends in development assistance and policy implications
	<p>Introduction Innovation, higher education and research constitute still a tiny part of total aid to developing countries, but it tends to increase. This session will provide an overview of the funding landscape in development assistance directed to supporting the transformation of higher education and research that are aligned to country specific objectives.</p> <p>Key questions to be addressed</p> <ul style="list-style-type: none"> • <i>What are the current challenges and opportunities related to development assistance to research and innovation?</i> • <i>What measures could be taken to promote coherence between support to innovation and research on the one hand, and other development support policies on the other hand?</i>
	<p>Moderator: Mr. Edmundo Torres Godoy, Professor, National Autonomous University of Nicaragua, Nicaragua</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Ms. Åsa Olsson, Administrator, and Ms. Natalie Cooke, Consultant, CSO-DSTI, OECD. <i>The Evolving Path for strengthening Research and Innovation Policy for Development</i> • Mr. Tomas Kjellqvist, Blekinge Institute of Technology, Sweden on <i>Preliminary findings – case study Sida, Sweden</i> • Ms. Janet Halliwell, Consultant, Canada on <i>Case study on IDRC, Canada</i> <p>Lead commentators:</p> <ul style="list-style-type: none"> • Mr. Henk Molenaar, Director, Organization for Scientific Research, the Netherlands • Ms. Amal El Atifi, Senior Policy Advisor, Policy Research Division, Strategic Policy and Performance Branch, Canadian International Development Agency, Canada <p>Q&A and discussion</p>
19.00	Cocktail/Dinner

Day II (2 July)

9.30-11.00	Session V: Research universities and innovation for inclusive development
	<p>Introduction This session will analyse the powerful role of universities and research universities for promoting economic growth and social wellbeing. To make this happen there is, however, a need for a constant dialogue and interaction amongst governments, the higher education institutions themselves and society-at-large.</p> <p>Key questions to be addressed:</p> <ul style="list-style-type: none"> • <i>How to make higher education, research and innovation contribute more to social and economic development?</i> • <i>How to make it more inclusive, i.e. more open to the specific difficulties of the low and middle income categories in developing countries?</i>
	<p>Moderator: Mr. Pierre Mohnen, Professor of Micro-econometrics, MERIT, The Netherlands</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Mr. Daniel Lincoln, Co-Editor of Special Issue Papers in Studies in Higher Education, Society for Research into Higher Education (SRHE), on the <i>Special Issue of Research Universities- Networking the knowledge economy</i> • Ms. Caroline Paunov, Administrator, CSO-DSTI, OECD, on <i>Knowledge and innovation for inclusive development</i> <p>Lead commentators:</p> <ul style="list-style-type: none"> • Ms. Anshu Padayachee, CEO of Sanpad/Santrust, South Africa • Mr. Eli Katunguka, Professor and Director of Research, Makerere University, Uganda <p>Q&A and Discussion</p>
11.00-11.30	Coffee Break

11.30-12.30	Concluding Session: Key lessons for policy and practice
	<p>Introduction The world-wide balance is shifting towards emerging countries, not only in terms of income, but also in terms of research and innovation. The accelerated pace of investment in these areas by emerging countries call for an efficient use of these resources. Institutional arrangements and policies are the main determinants of efficiency: from that perspective there is much that emerging countries can learn from the experience of developed countries, while at the same time experiments conducted in emerging countries can be a source of inspiration for developed ones. IHERD has started capitalizing experience and sharing it on both sides over the past two years. What should come next?</p> <p>Key questions to be addressed</p> <ul style="list-style-type: none"> • <i>Among the various policy avenues identified during the workshop, what are the most promising?</i> • <i>What policy areas should be targeted in the coming years?</i> • <i>How to strengthen the links and mutual learning between policy makers of developed and developing countries?</i>
	<p>Moderator: Mr. Thomas Auf Der Heyde, Deputy Director General (Human Resources and Knowledge Systems), National Department of Science and Technology (DST), South Africa</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Mr. Dominique Guellec, Head of Country study and Outlook Division, OECD Directorate of Science, Technology and Industry, OECD • Ms. Lena Johansson de Château, Research Advisor, Research Cooperation Unit, Department for Global Cooperation, Swedish International Development Cooperation Agency (SIDA), Sweden <p>Floor Discussion</p>
12.30	Closure and Lunch