



Government of Rwanda – World Bank

HIGH LEVEL FORUM

Higher Education for Science, Technology and Innovation: Accelerating Africa's Aspirations

KIGALI, RWANDA | March 12-13, 2014
Serena Hotel, Kigali

Day 1 - 12 March 2014

MC Edward Lempinen, Public Information Officer, The World Academy of Sciences (TWAS)

0730 *Registration

0830 Session 1. Inaugural Session

- Welcome Address by Hon. Vincent Biruta, Minister of Education, Republic of Rwanda
 - Remarks by Tawhid Nawaz, Acting Director, Human Development Department, Africa Region, World Bank
 - Keynote address by Professor Mohamed H.A. Hassan, Co-Chair IAP (Global Network of Science Academies), Chairman of the Council of United Nations University
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0900 Session 2. Expert Panel: The State of Science and Technology in Africa *Chaired by Peter Materu, Sector Manager, Education (Central and West Africa), World Bank*

- Professor Goolam Mohamedbhai, Former Secretary-General, Association of African Universities; Honorary President, International Association of Universities; Former Vice-Chancellor, University of Mauritius
- Mohamed Ibrahim Kamel, Regional Director, Elsevier, Africa
- Dr. Arabinda Mitra, Advisor and Head, International Bilateral Cooperation, Department of Science and Technology, Government of India

Question and Answer

1000 Coffee Break



1030 Session 3. Country Presentations *Chaired by Sajitha Bashir, Sector Manager, Education (Eastern and Southern Africa), World Bank*

Country Representatives will give an overview of higher education, science and technology in their respective countries: policy priorities, what is working well, action plans.

- Firdissa Jebessa Aga, Director General, Higher Education Research & Academic Affairs, Ethiopia
- Aminata Sall Diallo, Adviser on Research and Cooperation to the Minister of Higher Education & Research, Senegal
- Professor Inacio Calvino Maposse, Director General, Agricultural Research Institute of Mozambique
- Professor Opuda-Asibo, J. Executive Director, National Council for Higher Education, Uganda
- Professor David Some, Chief Executive Officer, Commission for University Education (CUE), Kenya

Question and Answer

1200 Lunch

1330 Session 4. The Status of Science, Technology, Research and Innovation in Rwanda *Chaired by Dr. Marie-Christine Gasingirwa, Director General, Science Technology and Research, Ministry of Education, Republic of Rwanda*

1330 - 1350 Dr. Marie-Christine Gasingirwa will give an overview and present the session, Eng. Mike Hughes, Advisor Science, Technology and Innovation, Ministry of Education will give an overview of the Rwanda Policy on STI.

1350 - 1500 Presentations on featured Science and Technology Initiatives
Sector presentations to include Higher Education, ICT, Agriculture and Health

- Professor Emeritus James A. McWha, Vice Chancellor, University of Rwanda
- Grace Mutsinzi, Acting Head of ICT Department, Rwanda Development Board
- Dr. Jean Jaques Mbonigaba Muhinda, Director General, Rwanda Agriculture Board
- Andre Ndagijimana, Head of Division, Medical Maintenance Centre, Rwanda Biomedical Centre

Question and Answer



1500 Coffee Break

1530 Session 5. The Status of Science, Technology, Research and Innovation in Rwanda - Panel Discussion *Chaired by Dr. Ignace Gatare, Director General, Rwanda National Science and Technology Commission, Republic of Rwanda*

- Dr Innocent Mugisha, Executive Director, Higher Education Council (HEC) - Rwanda
- Patrick Kabagema, Chairman ICT Chamber, Private Sector Federation (PSF) - Rwanda
- Sajitha Bashir, Sector Manager (Education) Eastern and Southern Africa, World Bank
- Professor Nelson Ijumba, Deputy Vice Chancellor, University of Rwanda

Question and Answer

1630 Group Photo

1640 Session 6. Agreeing to a joint Call for Action on Science and Technology (by invitation only). *Chaired by Lidia Brito, Director, Science Policy and Capacity Building Division, UNESCO*

Closed door deliberations with country representatives and core technical experts on the communique for a call to action to revitalize higher education, science and technology for Africa's transformation.

All other Forum participants are invited to visit the Expo in the Garden at this time. The Exhibitions feature various higher education, science and technology organizations, companies, and institutions in Rwanda.

1830 Dinner Reception and Cultural Program Open to all Forum participants.



Day 2 - 13 March 2014

MC: Edward Lempinen, Public Information Officer, The World Academy of Sciences (TWAS)

0730 *Registration

0830 Session 1. Inaugural Session

- Welcome Address by Hon. Vincent Biruta, Minister of Education, Republic of Rwanda
 - Keynote Address by Makhtar Diop, Vice President, Africa Region, World Bank
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0900 Session 2. Regional and Global Perspectives

Remarks by H.E. Dr. Martial De-Paul Ikounga, Commissioner – Human Resources, Science and Technology, Africa Union

Address by Professor Romain Murenzi, Executive Director,
The World Academy of Sciences (TWAS)

0930 Coffee Break

1000 Session 3. High Level Ministerial Panel, *Chaired by Edward Lempinen, Public Information Officer, The World Academy of Sciences*

- Hon. Vincent Biruta, Minister of Education, Republic of Rwanda
- Hon. Ato Wondwossen Kiflu, State Minister for TVET, Ministry of Education, Federal Democratic Republic of Ethiopia
- Hon. Prof. Dr. Louis Pelembe, Minister of Science and Technology, Mozambique
- Hon. Prof. Mary Teuw Niane, Minister of Higher Education and Research, Republic of Senegal
- Hon. Jessica Alupo, Minister of Education and Sports, Republic of Uganda

Question and Answer

1130 Session 4. Stakeholder Panel “The Business vs. Scientist Perspective on Africa’s Science and Technology: Clash or Convergence?”, *Chaired by Ian Solomon, Vice President of Global Engagement, University of Chicago*

- Professor Fernando Quevedo, Director, Abdus Salam International Centre for Theoretical Physics (ICTP), UNESCO Assistant Director-General
- Dr. Alvaro Sobrinho, Chairman and Founding Member, Planet Earth Institute (PEI)
- Dr. Wole Soboyejo, President and Provost, African University of Science and Technology (AUST)



- Gaspard Twagirayezu, Entrepreneur, Creativity and Innovation Officer, Emerging Leaders and Entrepreneurs of Rwanda (ELE)

Question and Answer

1300 Lunch for all participants

Ministers are invited to join a closed door lunch with Makhtar Diop, Vice President, Africa Region, World Bank and Hon. Vincent Biruta, Minister of Education, Republic of Rwanda

1400 Session 5. High Level Expert Session “What Can we Learn from Others?”

Chaired by Professor Romain Murenzi, Executive Director, The World Academy of Sciences (TWAS)

- Professor Pradipta Banerji, Director, Indian Institute of Technology (IIT) – Roorkee
- Lidia Brito, Director, Division of Science Policy and Capacity Building, UNESCO
- Professor Bruce Krogh, Director, Carnegie Mellon University - Rwanda
- Dr. Lubiao Zhang, Director General, International Cooperation, Chinese Academy of Agricultural Sciences (CAAS)

Question and Answer

1530 Break

1600 Closing Ceremony

- **Arrival of H.E Paul Kagame, President of the Republic of Rwanda**
- Reading of the communique, Hon. Jessica Alupo, Minister of Education and Sports, Republic of Uganda
- Remarks by H.E. Dr. Martial De-Paul Ikounga, Commissioner – Human Resources, Science and Technology, Africa Union
- Address by Makhtar Diop, Vice President, Africa Region, World Bank
- Address by Hon. Vincent Biruta, Minister of Education, Republic of Rwanda
- **Presidential Address by H.E Paul Kagame, President of the Republic of Rwanda**