



Economic Commission for Africa
Fifth African Science, Technology and Innovation Forum
Niamey (hybrid), 26 and 27 February 2023

Accelerating development and diffusion of emerging technologies for a green, inclusive and resilient Africa

Draft programme of work

Sunday, 26 February 2023

8.30–9 a.m.

Registration

9–10 a.m.

Opening session

Welcoming remarks:

- United Nations Educational, Scientific and Cultural Organization, Assistant Director General for Natural Sciences, Shamila Nair-Bedouelle
- African Union Commissioner for Education, Science, Technology and Innovation, Mohamed Belhocine
- Acting Executive Secretary, Economic Commission for Africa (ECA), Antonio Pedro

Keynote addresses:

- Outgoing Chair: Minister for Education, Rwanda, Valentine Uwamariya
- Incoming Chair: Minister for Secondary and Higher Education, Research and Technology, Niger, Habi Mahamadou Salissou

10–10.15 a.m.

Coffee break

10.15–11.30 a.m.

High-level panel on strengthening science, technology and innovation systems in Africa

Panellists:

- Acting Executive Secretary, ECA, Antonio Pedro
- Minister for Secondary and Higher Education, Research and Technology, Niger, Habi Mahamadou Salissou
- Minister for Education, Rwanda, Valentine Uwamariya



- Minister for Higher Education, Science and Innovation, South Africa, Bonginkosi Emmanuel Nzimande
- African Union Commissioner for Education, Science, Technology and Innovation, Mohamed Belhocine
- Youth representative

General discussion

11.30 a.m.–1 p.m.

High-level policy dialogue on science, technology and innovation policy formulation and implementation

Presentations:

- Science, technology and innovation policy formulation and implementation guide – representative, ECA

Panellists:

- Vice-President (international engagement), Nanyang University of Technology, Singapore, Timothy White
- Director General, Ministry of Higher Education, Ethiopia, Solomon Benor
- Director, Science and Technology Policy Research Institute, Ghana, Wilhemina Quaye

General discussion

1–2 p.m.

Lunch break

2–4 p.m.

Universities as engines of regional and national transformation: Alliance of Entrepreneurial Universities in Africa

Moderator: Representative, ECA

Panellists:

- Chief Executive Officer, Universities Fund, Kenya, and Chair, Alliance of Entrepreneurial Universities in Africa, Geoffrey Monari
- Vice-Chancellor, Dedan Kimathi University of Technology, Kenya, Ndirangu Kioni
- Acting Deputy Vice-Chancellor, Durban University of Technology, South Africa, Keolebogile Shirley Motaung
- Lecturer and Researcher, Faculty of Science and Technology, Cheikh Anta Diop University, Dakar, Balla Diop Ngom
- Design Thinking and Innovation Hub, University of Cape Coast, Ghana, Keren Naa Abeka Arthur
- Co-founder, Mo Angels, Mauritius, Isabelle de Melo
- Representative, Niger

4–4.15 p.m.

Coffee break

4.15–6 p.m.

Parallel sessions**(a) High-level policy dialogue on the development and application of emerging technologies for water and sanitation****Panellists:**

- Executive Director, Nanyang Environment and Water Research Institute, Nanyang University of Science and Technology, Singapore, Shane Allen Snyder
- Representative, Egypt
- Representative, Kenya
- Representative, Niger
- Representative, South Africa

General discussion**(b) Policy dialogue on science and technology for industrial and infrastructure development in Africa****Moderator:** Representative, ECA**Panellists:**

- Executive Director, Uganda Industrial Research Institute, Uganda, Charles Kwesiga
- Representative, Kenya
- Representative, Morocco
- Representative, Nigeria
- Representative, Uganda

General discussion**Monday, 27 February 2023**

9–11 a.m.

Parallel sessions**(a) Policy dialogue on science and technology for sustainable cities and communities in Africa****Panellists:**

- Two government representatives
- Two representatives of the private sector
- Two representatives of other interest groups

General discussion**(b) High-level policy dialogue building on science, technology and innovation partnerships for the Goals****Panellists:**

- Two university vice-chancellors
- Government representative
- Youth representative

	General discussion
11–11.15 a.m.	Coffee break
11.15 a.m.–1 p.m.	<p>Plenary session</p> <p>(a) High-level policy dialogue on emerging energy technologies</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Two experts on hydrogen energy • Expert on solar research and industry • Expert on battery technologies research and industry • Expert geothermal energy <p>General discussion</p>
1–2 p.m.	Lunch break
2.–3. p.m.	<p>European Union-Africa research and innovation activities</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Representative, European Union Directorate for Research and Innovation • Youth representative
3.–4.30 p.m.	<p>Launch of the Origin initiative</p> <p>Chair: Representative, ECA</p> <p>Presentations:</p> <p>Overview – representative, ECA</p> <p>Proposed East African lab in Kenya – Vice-Chancellor, Dedan Kimathi University of Technology, Kenya, Ndirangu Kioni</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Lecturer and Researcher, Faculty of Science and Technology, Universite Cheikh Anta Diop University, Dakar, Balla Diop Ngom • Representative, South Africa • Youth representative
4.30–4.45 p.m.	Coffee break
4.45–6 p.m.	<p>Closing of the session</p> <p>Statements:</p> <ul style="list-style-type: none"> • Representative, United Nations Educational, Scientific and Cultural Organization • Director, Technology, Climate Change and Natural Resource Management Division, ECA, Jean-Paul Adam • Minister for Secondary and Higher Education, Research and Technology, Niger, Habi Mahamadou Salissou