



Second Ministerial Forum on Science, Technology, and Innovation in Africa

October 14-17, 2014

Academy of the Kingdom of Morocco | Rabat, Morocco



October 14-17, 2014
Exhibition by Moroccan and international innovators

Tuesday, October 14, 2014
Pre-Forum

10:00-12:00	<p style="text-align: center;">“From Lab to Market: the Case of Morocco”</p> <p style="text-align: center;">Visit of the International University of Rabat – exposition of Moroccan innovations –visits to technoparks, higher education and research institutions preparing graduates for the labor market <i>organized by International University of Rabat and Moroccan Innovation Center</i></p> <p style="text-align: center;">Welcome Remarks: International University of Rabat Presenters: The Turkish Experience Antoine Bere, University of Ouagadougou, Burkina Faso Closing remarks: African Development Bank</p> <p style="text-align: center;">Venue: International University of Rabat <i>Rapporteur:</i></p>
12:00	Cocktail Lunch – sponsored by the International University of Rabat Venue?
2:00	<p style="text-align: center;">Regional Consultation meeting on Continental Summit on Higher Education in Africa (Dakar, Senegal, March 2015) <i>organized by Trust Africa</i></p> <p style="text-align: center;">Venue: ISESCO Rabat <i>Rapporteur: Omano Edigheji, Trust Africa</i></p>
4:00	<p style="text-align: center;">AfDB and RISE sign Memorandum of Understanding on Regional Science Initiatives in Africa <i>Rapporteur: Arlen Hastings, IAS/SIG</i></p> <p style="text-align: center;">Welcome Remarks: ISESCO AfDB and ISESCO sign Memorandum of Understanding on Science and Education in Africa <i>Rapporteur: ISESCO</i> Closing remarks: African Development Bank</p> <p style="text-align: center;">Venue?</p>
5:00	<p style="text-align: center;">Meet and Greet: Partnerships in Science, Technology, and Innovation</p> <p style="text-align: center;">Each organization/corporation submits <i>in advance</i> a half-page summary of what they do, what they have to offer, and what they're looking to gain/accomplish from the forum</p> <p style="text-align: center;">Venue? <i>Rapporteur: Sara Rich, IAS/SIG</i></p>
7:30	Opening Cocktail –sponsored by ISESCO Venue: ?

Day 1. Wednesday, October 15, 2014

9:00-10:00	<p>Opening Ceremony</p> <ul style="list-style-type: none"> • Message from the Government of Morocco • Dr. Donald Kaberuka, President, AfDB • Pekka Haavisto, Minister for International Development, Ministry for Foreign Affairs of Finland • President Director General, ISESCO • Deputy Director General, UNESCO
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10:00-10:30	Keynote Address M. Terrab – President of the Office Cherifien of Phosphates Jessica Colaco , Founder, iHub Kenya, top 10 most innovative companies in Africa (confirmed).			
10:30-11:00	Coffee Break			
11:00-11:15	From Nairobi to Rabat: The State of Science, Technology, and Innovation in Africa 2012-2014 Dr. Agnes Soucat , Director, Human Development, African Development Bank (confirmed)			
11:15-11:30	The State of STI in Africa: The case of Morocco Dr Omar Fassi Fehri , Permanent Secretary, Academy of Sciences and Technology Hassan II (confirmed)			
11:30-12:00	The Role of Women in Science Geraldine Fraser-Moleketi , Special Envoy on Gender, AfDB (confirmed)			
11:30-12:00	Q & A			
12:00-14:00	Lunch (including 20-minute debate on the state of STI in Africa with Dr. Kaberuka and ministers [TBD])			
14:00-16:00	<p>Water Resources Management</p> <p>Moderator: M. Mohamed El Azizi, Director, Water and Sanitation Department, AfDB</p> <p><i>Rapporteur:</i> Oussama Ben Abdelkarim, AfDB + expert OWAS</p> <p>Panelists: Mme Akissa Bahri, former Head, Africa Water Facility (confirmed)</p> <p>Eiman Karar, Water Research Commission, Pretoria (invited)</p> <p>Mohamed Ait Kadi, Chair of the technical committee of the Global Water Partnership and President of the General Council of Agricultural Development, Morocco (confirmed)</p> <p>Daniel Zimmer, Director of Innovation, Climate KIC, France (confirmed)</p>	<p>Renewable Energy and Green Growth</p> <p>Moderator: Richard Munang, Africa Regional Coordinator for Climate Change –UNEP (confirmed)</p> <p><i>Rapporteur:</i> xxx, UNESCO</p> <p>Panelists: Peter Carter, Chief Environmentalist, European Investment Bank (invited)</p> <p>Kiama Gitahi, Acting Director of Wangari Maathai Institute for Peace and Environmental Studies (confirmed)</p> <p>Kurt Lonsway, Manager, ONEC, AfDB (confirmed)</p> <p>Samantha Smith, Leader, the Global Climate and Energy Initiative, WWF (invited)</p> <p>M. Abdelakader Amara, Minister for Energy, Mining, Water and Environment, Morocco</p> <p>M. Mustapha BAKKOURI – Président du Directoire de MASEN, Morocco</p>	<p>Agriculture and food security</p> <p>Moderator: Dr Appolinaire Djikeng, Technology Manager, Biosciences Central and Eastern Africa Hub International Livestock Research Institute (ILRI)</p> <p><i>Rapporteur:</i> Mouhamed Gueye, AfDB + expert OSAN</p> <p>Panelists: Hon. Bruno Jean Richard Itoua, Minister of Scientific Research, DRC (DRC's new agribusiness-park)</p> <p>Mr Paul Ilona, Country Manager, HARVEST Plus/CGIAR</p> <p>M. Haje, Resident Representative, FAO, Morocco</p> <p>M. Mohamed Badraoui, Director of the National Institute for Agricultural Research, Morocco</p> <p>Mrs Amel Jrad, Executive Director Centre International des Technologies de</p>	<p>Pharmaceuticals</p> <p>Moderator: Solomon NWAKA, Executive Director, ANDI (confirmed)</p> <p><i>Rapporteur:</i> Yohana Dukhan, AfDB</p> <p>Panelists: Karniyus Shingu Gamaniel, Director General, NIPRD Abuja Nigeria (confirmed)</p> <p>Dr Shukhumbuzo Ngozwana, Managing Director, Metanoia Pharma Consulting, South Africa (confirmed)</p> <p>Dr Wilson Mlaki Principal, Kilimanjaro School of Pharmacy, Tanzania (confirmed)</p> <p>M. Cheikh Jawad Lahlou, Director, COOPER AFRIQUE</p>

			l'environnement de Tunis (CITET)- TUNISIE	
16:00-16:30	Break			
16:30-18:00	<p>Connecting Mathematics and Engineering skills development to Private Sector Needs Moderator: Minister of Industry Tanzania Rapporteur: Sarah Rich</p> <p>Panelists Leslie Cornish, RISE-AMSEN Mme BENSALAH CHAKROUN, President, General Confederation of Businesses in Morocco (CGEM) <i>Mastercard foundation</i> <i>Coca Cola</i> <i>Siemens</i> <i>VW</i></p> <p><i>how do we ensure part of their CSR funding replicates models that have been effective in solving Africa's most pressing development problems?</i></p>			
20:00	<i>Diner - Africa Content Award Gala organized by World Summit Award-Sofitel Jardin des Roses</i>			

Day 2. Thursday, October 16, 2014				
9:00-10:30	<p>Panel Discussion: Building STI Capacity (including STI policy) through Regional Initiatives in Higher Education</p> <p>Moderator: M. Abdelhafid Debbarh, Secretary General, Ministry of Higher Education Science and Technology, Morocco</p> <p><i>Rapporteur:</i> <i>Arlen Hastings, IAS/SIG</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • M. Mostafa Bousmina, President of Euro Mediterranean University and Member of the Academy of Sciences Hassan II, Morocco • International University of Rabat • Romain Murenzi, Executive Director, TWAS (confirmed) • Mohamed Hassan, RISE (confirmed) • Burton Mwamila, AIST-Arusha (confirmed) • Peter Materu, World Bank (confirmed) 			
10:30-11:00	Break			
11:00-12:30	<p>Bridging the Gender Gap: Women in Science & Science for Gender Equality</p> <p>Moderator: Mme Soumia Benkhaldoun – Minister of Research, Morocco</p> <p><i>Rapporteur:</i> <i>Tonya Blowers,</i> <i>Coordinator of the</i> <i>Organization for</i> <i>Women in Science for</i> <i>the Developing World</i></p>	<p>Intellectual Property: Publications, Patents, and Partnerships</p> <p>Moderator: Rapporteur:</p> <p>Panelists: Mohamed Ibrahim Kamel, Regional Director, Elsevier Africa (confirmed). Salah Hannachi, co-chair of Sahara Solar Breeder Foundation (confirmed).</p>	<p>Youth & Entrepreneurship Transforming Africa through innovation & technology</p> <p>Moderator: Aki Enkenberg, Senior Advisor, Department for Development Policy, Ministry of Foreign Affairs of Finland - (confirmed)</p> <p><i>Rapporteur:</i> <i>Ginette Nzau,</i></p>	<p>Natural Resources Moderator: M. El Kasri, Director of Research OCP</p> <p><i>Rapporteur:</i> <i>UNESCO</i></p> <p>Panelists: Mme Amina Benkhadra, Director of the national office for hydrocarbon</p> <p>M. El Hafi, High Commissioner for Water and Forests</p>

	<p>(OWSD) (confirmed)</p> <p>Panelists: Geraldine Fraser-Moleketi, Special Envoy on Gender, AfDB (confirmed)</p> <p>Bola Olabisi, Vice President, British Association of Women entrepreneurs, CEO of the Global Women Inventors & Innovators Network and a TED fellow (confirmed)</p> <p>Unoma Ndili Okorafor, Founder and Chief Executive, WAAW foundation (invited)</p> <p>Inés Sánchez Madariaga, Head, Women and Science Unit, Secretary of State for Research, Development and Innovations, Ministry of Economy and Competitiveness, Spain (invited)</p>	<p>Al Watkins (confirmed)</p> <p>Mme Rahma Bourkia, President, INE, Morocco</p>	<p>Resident Representative, AfDB Burkina Faso</p> <p>Panelists: Aicha Ennaifar, CEO, Diva SICAR (Tunisian Public company created by govt-owned telco that funds IT start-ups) (confirmed).</p> <p>Jackie Olang, Programmes Director, Network of African Science Academies (NASAC) (confirmed).</p> <p>Jussi Hinkkanen, CEO, Fuzu (former VP for Gov. Relations of Nokia) (confirmed).</p> <p>Fred Swaniker, founder of Africa Leadership Academy, South Africa</p> <p>Bunmi Okunowo, Adviser to the Minister of Communications and Technology in charge of Business incubation, Nigeria</p>	
12:30-14:00	Lunch			
14:00-16:00	<p>eEducation and Adaptive Learning: Building Skills & Investing in New Technologies for Competitiveness and Jobs</p> <p>Moderator: Bakary Diallo, AVU: African Virtual University (confirmed)</p> <p><i>Rapporteur: Nawsheen Elaheebocus, AfDB</i></p> <p>Panelists: Lila Ibrahim, the first President of Coursera, the world's largest MOOC with 8 million enrollees (confirmed)</p> <p>Stuart Gannes</p>	<p>Technical and Vocational Skills Development (TVSD): Linking TVSD to the STI agenda to fuel growth and create jobs</p> <p>Moderator: Oley Dibba-Wadda, ADEA (confirmed)</p> <p><i>Rapporteur: Tarek Chehidi, ADEA</i></p> <p>Panelists: M. Bencheikh, Directeur General, Ministry of Education, Morocco</p> <p>George Afeti, TVSD expert and former Secretary General of the Commonwealth Association</p>	<p>eHealth</p> <p>Moderator:</p> <p><i>Rapporteur: Yohana Dukhan, AfDB</i></p> <p>Panelists: Najeeb Al Shorbaji, Director, Department of Knowledge Management and Sharing, World Health Organization (WHO) – (confirmed)</p> <p>Pr Abdeslam Khamlichi</p>	<p>Job Creation, employability, and entrepreneurship: Securing Africa's future through young scientists, innovators and researchers</p> <p>Moderator: Firoz Patel, Director of Human Resource Development, Strategic Planning and Coordination, Department of Higher education and Training, South Africa (confirmed)</p> <p><i>Rapporteur:</i></p> <p>Panelists: Mr. Abdeslam</p>

	<p>Board Member The Fab Foundation (confirmed)</p> <p>Peck Cho, Chair Professor Dongguk University (confirmed)</p> <p>Abdul Chohan, Director Essa Academy (confirmed)</p> <p>Olumide Ogunlana, founder of Prepclass, Top Ten Most Innovative Companies In Africa (confirmed)</p> <p>Marito Garcia, PhD, Adjunct Faculty and Fellow Darden School of Business, University of Virginia (confirmed)</p>	<p>of Polytechnics in Africa (confirmed)</p> <p>Brahim Bessaies, General Director - Center of Research and Technology, Ministry of Higher Education and Technology, Tunisia (confirmed)</p> <p>Jean-Pierre Le Calvez, VP - Europe, Middle East and Africa, Hewlett-Packard (confirmed)</p> <p>Satu Järvinen, Expert, Education Partnerships, InnoOmnia, Finland</p> <p>Jerome Morrissey, CEO – GeSCI confirmed (confirmed)</p>	<p>President Telemedicine Morocco</p> <p>Prof. Yunkap Kwankam, Director of Global eHealth consultants. – (confirmed)</p> <p>Prof David-A. Mendels, Head of Center of Mobile, Micro and Nanotechnology Surya University, Indonesia (confirmed)</p> <p>Minister AfDB e-health award winner</p>	<p>Sedikki, Minister of Labor and Social Affairs, Morocco</p> <p>Mr. Sudian A. Chiragwile, Principal, Mineral Resource Institute, Dodoma, Tanzania (invited)</p> <p>Ms. Florence Tobo Lobe, Rubisadt Foundation, Cameroon (confirmed)</p> <p>Tullow oil, Kenya (TBC)</p>
16:00-16:30	Break			
16:30-18:00	<p>Engaging the Diaspora Moderator: Nkem Khumabh, Professor University of Michigan (confirmed) Rapporteur: Mouhamed Gueye, AfDB</p> <p>Panelists: Cheick Modibo DIARRA, UNESCO Goodwill Ambassador- Former technical manager for the Mars Exploration Directorate, Jet Propulsion Lab NASA Pasadena, California Kenneth Evans-Lutterodt, Ph.D. Photon Science Directorate, Brookhaven National Lab Princeton Avenue, Yaphank, NY.</p>			
20:00	<p><i>DINER</i></p> <p>Gala dinner and cultural event hosted by the Government of Morocco (TBC)</p>			

Day 3. Friday, October 17, 2014

9:00-9:15	Opening session: Hr. Mohamed BOUSSAID , Minister of Economy and Finances
9:15-10:30	<p>Ministerial Roundtable #1: The African Dream: Developing a Collectively-Willed African Vision of STI fuelled by Youth to transform Africa</p> <p>A Roundtable that brings together ministers, eminent African and international leaders and youth (WSA winners) to discuss and exchange visions and novel development concepts capable of harnessing Science and Technology and developing innovative ideas to engage the continent a viable and sustainable development pathway. Furthermore, the round table will address how governments and partners should strategize to empower and engage youth, who make up for nearly 2/3 of the population, to generate STI-based responses to Africa's needs and drive the continent's transformation.</p> <ul style="list-style-type: none"> • Sangu Delle, Forbe's 30 Most Promising Young Entrepreneurs in Africa 2014 & co-founder of Golden Palm Investments (healthcare, agribusiness and technology) (confirmed). • Jessica Colaco, Founder, iHub Kenya, top 10 most innovative companies in Africa (confirmed).

	<ul style="list-style-type: none"> • WSA award winners • Hon. M. Lahcen Daoudi, Minister for Higher Education Science and Technology, Morocco • Hon. Naledi Pandor, Minister of Science and Technology, South Africa • Prof. Jacob Kaimenyi, Cabinet Secretary for Higher education, Science and Technology, Kenya <p>Moderator: Agnes Soucat, Director, Human Development, AfDB Rapporteur:</p>
10:30-11:00	Coffee Break
11:00-12:30	<p>Ministerial Roundtable#2: Towards Africa's Green Development Model</p> <p>If current trends continue, Africa's resource demand will outstrip domestic availability by 2015. The continent as a whole would then be in ecological overshoot. How to slow down then reverse this trend? Is this a problem or can be perceived as an opportunity? This session will provide endogenous alternative development pathways that require less resource and energy.</p> <ul style="list-style-type: none"> • Mme Hela Cheikhrouhou, Executive Director of the Green Climate Fund • Mme Halima Haiti, Minister of Environment, Morocco • M. Nizar Baraka, President of the Economic, Social and Environmental Council, Morocco • State Secretary for Science and Technology, Angola • Hon. Johnie Swartz, Minister of Infrastructure, Science and Technology, Botswana • Carlos Lopes, Executive Secretary, UN Economic Commission for Africa • Susan E. Cozzens, School of Public Policy, Georgia Tech, USA <p>Moderator: UNESCO Rapporteur:</p>
12:30-14:00	Lunch
14:00-16:00	<p>Ministerial Roundtable#3: Africa' STI Agenda – for whom and by whom?</p> <p>Based on what has been presented and discussed, this session will present recommendations for STI innovative and practical initiatives to solve urgent development challenges of the continent. The outcome of this session can later on progressively nurture Africa's STI Agenda.</p> <ul style="list-style-type: none"> • Mme Nadira Guermai, Governor, National Coordinator of the National Human Development Initiative Morocco • Hon. Dr. Vincent Biruta, Minister of Education, Rwanda • Hon. Mary Teuw Niane, Minister of Research and Higher education, Senegal (confirmed) • Etmonia David Tarpeh, Minister of Education, Liberia (confirmed) • Hon. Taoufik Jelassi, Minister of Higher Education, Scientific research and ICT, Tunisia • M. Rachid Belmokhtar, Minister of Education and Vocational Training, President of the Human Development Observatory, Morocco • Masuo Aizawa, Counselor to the President, Japan Science & Technology Agency <p>Moderator : H.E. Martial De-Paul Ikounga, Commissioner, Human Resources, Science & Technology, African Union Commission (invited) Rapporteur:</p>
16:00-17:30	Closing Ceremony
20:00	Closing Dinner –sponsored by the Government of Morocco