INNOVATING EDUCATION IN AFRICA EXPO 2019

Harnessing the Capacity of ICT to ensure Inclusion, Quality and Impact in Education and Training in Africa

20–22 August 2019

Gaborone, Botswana

Program
### 19 August

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08.00 – 20.00</td>
<td>Registration and accreditation of Participants / Side events</td>
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### Day 1

#### 20 August

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7.00 – 8.00</td>
<td>Registration and accreditation of Participants</td>
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<tr>
<td>8:00 – 8:30</td>
<td>Ministers Guided tour of Exhibition Booths</td>
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<tr>
<td>08:30 – 09:30</td>
<td><strong>Opening Session</strong></td>
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<td>Opening Ceremony: Master of Ceremonies: Professor Totolo</td>
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<td></td>
<td>Moderator – Dr. Mahama Ouedraogo, Director for Human Resources, Science and Technology – AUC</td>
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<td>• Opening Remarks</td>
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<td></td>
<td>- Statement by Charles Ofori Antipem - Dext Technology:Winner of 2018 AU Education Innovation Prize</td>
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<td></td>
<td>- Joseph Nsengimana, Director, Regional Centre for Innovative Teaching and Learning in ICT, Mastercard Foundation. “Harnessing the power of ICT to improve teaching and learning in Africa”</td>
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<td>- AfDB</td>
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<td>- Dr. Edward Addai, UNICEF Representative to AU and UNECA</td>
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<td>• Welcome Remarks - H.E Prof. Sarah Anyang Agbor, Commissioner for Human Resources, Science and Technology of the African Union Commission (AUC)</td>
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<td>• Opening Address - Botswana</td>
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<td>• Introduction of Innovators by Minister of Basic Education</td>
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<td>09.30 – 10.00</td>
<td><strong>Group Photos / Coffee Break</strong></td>
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<tr>
<td>10.00 – 11.30</td>
<td><strong>Plenary Session 1 (Plenary Hall)</strong>: Ministerial Roundtable on Promoting ICT in Education: Opportunities and Challenges</td>
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<td>Moderator: Dr. Mahama Ouedraogo, Director for Human Resources, Science and Technology – AUC</td>
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Ministers
• H.E. Prof Sarah Anyang Agbor, Commissioner for HRST – AUC
• H.E. Mr. Bagalatia Arone, Minister of Basic Education of Botswana
• H.E. Mr Sangare Mory, Ministre de l'Education Nationale et de l'Alphabétisation - Guinea
• H.E. Prof. Paul Mavima, Minister of Primary and Secondary Education - Zimbabwe
• H.E. Dr Isaac Munyakazi, Minister of State in Charge of Primary and Secondary Education – Rwanda

11.30 – 12.15 Plenary Session 2 (Plenary Hall): Pitching Session Round 1 by Top Innovators

Moderator: Dr. Beatrice Khamati Njenga, Head of Education Division, AUC

• Joshua Oodira (Botswana), Classmate
• Nguangue Ebongue Joseph (Cameroon), SCOLARYX Educational Box
• Chancel Malanga Mathoy (Democratic Republic of the Congo), KELASI
• Wakesho Nyaboke (Kenya), Hadithi Hadithi!
• Carlos Augusto Benedito (Mozambique), ACADEMYCUS

12.15 – 13.30 Plenary Session 3 (Plenary Hall): Ministerial Roundtable on ICT for Skills Development

Moderator: Mr. Albert Nsengiyumva, Executive Secretary – ADEA

• H.E. Professor Albert Gbakima Aiah, Minister of Technical and Higher Education Minister - Sierra Leone
• H.E. Dr. Ndirahisha Janvière, Ministre de l’éducation, de la formation technique et professionnelle – Burundi
• H.E. Mr. Lamine Moustapha, Secrétaire d’État à l’Éducation Nationale, Chad
• H.E. Russom Hadera Semere, Minister of Education – Eritrea
• H.E. Ms Tsion Teklu Maru, State Minister of Education – Ethiopia

13.30 – 14.30 Lunch Break


Moderator: Mr Phenyo Moroka, Journalist
- H.E. John Chrysostom Muyingo, Minister of State for Higher Education - Uganda
- H.E. Prof. Amon Murwira, Minister of Higher and Tertiary Education, Science and Technology Development – Zimbabwe
- H.E. Dr Amara Ali Ginette Mazieki, Minister of Scientific Research and Technological Innovation - Central African Republic (CAR)
- H.E. Prof. Alkassoum Maiga, Ministre de l’Enseignement Supérieur, de la Recherche Scientifique et de l’Innovation - Burkina Faso
- H.E. Dr Matthew Opoku Prempeh, Minister of Education - Ghana

15.45 – 16.30 **Plenary Session 5 (Plenary Hall):** Pitching Session Round 2 by Top Innovators

Moderator: Dr. Beatrice Khamati Njenga, Head of Education Division, AUC

- Lamine SARR (Senegal) African Digital Libraries (Online and Offline) to Improve Access and Quality of Education
- Susannah Farr (South Africa), Peer2Peer Systemic Scale
- Goodluck Chanyika (Tanzania), Jumuisha Tanzania Initiative
- Samson Rwahwire (Uganda), Busitema University Lightboard for e-learning
- George Boateng (Ghana), SuaCode

16.30 – 17.00 **Coffee Break**

17.00 – 18.00 **Plenary Session 6 (Room):** Exploring Innovative Pathways and Technologies for Lifelong and Life-wide Education, entrepreneurship and employability

Methodology: Panel Discussion
Moderator: Ademola Adesina

Framing the session: Ms. Prudence Ngwenya - AUC

**Part 1 – Alternative pathways to learning**

1. Early childhood Devt – Janet Muthoni, Africa Early Childhood Network
2. Models for Alternative Pathways to learning - Marie-Anne Bourechache, Trace Academy
3. Remedial Learning – Nadi Albino, UNICEF/GenUnlimited

**Part 2 – Platforms for learning**

4. E-Learning - Prof. Callistus Ogol – Coordinator, Pan African Virtual and e-University (PAVeU)
### 5. Digital Learning Platforms - Thomas MacKay, Senior Director – Enablement Delivery, VMware

### 6. Digital Skills - Botswana Institute for Technology Research and Innovation

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>18.30 – 20.00</td>
<td>Welcome Reception hosted by Minister of Basic Education, Botswana</td>
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**Day 2**

**21 August**

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<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>9:00 – 10:30</td>
<td><strong>Plenary Session 7 (Plenary Hall):</strong> Exploring Innovative Pathways and Technologies for Lifelong and Life-wide Education, entrepreneurship and employability</td>
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<td>Part 3: Enablers to Alternative pathways to learning</td>
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<td></td>
<td>Methodology: Fireside Chat / fishbowl</td>
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<td>Moderator: Ademola Adesina</td>
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<td></td>
<td>Panelists:</td>
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<td>1. National Policy - H.E. Ms Tsion Teklu Maru, Minister of State in Charge of Education – Ethiopia</td>
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<td>2. Continental Policies - Prudence Ngwenya Head of Youth Division AUC</td>
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<td>3. Anna Ekeledo – Executive Director, Afrilabs</td>
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<td>4. Joseph Nsengimana - Director, Regional Centre for Innovative Teaching and Learning in ICT, Mastercard Foundation</td>
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<td>Conclusion and way forward: Dr Edward Addai, UNICEF Representative to AU and UNECA</td>
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<tr>
<td>10.30 – 11.00</td>
<td><strong>Coffee Break</strong></td>
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</table>
11.00 – 13.00 **Parallel Session 1 (Plenary Hall):** Employable Skills and Entrepreneurship:

Moderator: Dr. Paschal Anosike, Director of CAEL, Wolverhampton University

Presenters:

**Member States**
1. Ms. Khady MBODJI, Secrétaire général, Ministère de l’Education nationale - Senegal
2. Mr Donald Kopoi, Director/Chief Operations Officer, Directorate of Science Technology and Innovation - Sierra Leone
3. Ms Carinne VanWesthuizen, Department of Basic Education - South Africa
4. Mr Alejandro Martin Owono Evuna, Director General of Educational Cooperation, Ministry of Education, University Teaching and Sports - Equatorial Gunea

- Moderated Discussions

**Development Partners**
5. Aissa Sow, Senior Program Manager, Policy & Digital Skills, Mastercard Foundation
6. VMware Virtualize Africa – Supporting digital skills creation on the African continent
7. Donald kubayi – South Africa: Harnessing the Fourth Industrial Revolution to advance Quality Education in Africa to meet aspirations as articulated in the Continental Education Strategy for Africa
8. VMWare - Tanteeta – Delivering technical education sessions at African schools
9. Ida Ng’ang’a - Global Lead, Internet for Education: Coding Skills & ICT for Education Strategies in the Digital Era
10. BITRI: Technology research and the fourth industrial revolution to aid education

- Moderated Discussions and Conclusion

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**Parallel Session 2 (Breakout Room 1):** Enhancing Access and Inclusion (A)

Moderator: Mr. Shem Bodo, Senior Programme Officer, ADEA

Presenters:

**Member States and RECs**
1. Mr Oumar MAIGA, National Director of Technical and Vocational Education, Ministry of Education - Mali
2. Dr Lydia Ifeyinwa Giginna, Director of Education Support Services, Federal Ministry of Education - Nigeria
3. Mr. Leon Mwumvaneza, Director of ICT, Ministry of Education – Rwanda
4. Presentation by Union du Maghreb Arabe (UMA)

- Moderated Discussions

Development Partners
5. VMWare - ScholarX – Linking African students to affordable scholarships
6. AfriLabs- Innovating for Impact: The potential of Technology Supported Learning
7. Dr. Umaru Garba – Nigeria: Impact of Digital Storytelling on Reading Interest of Pupils with Reading Difficulties in Sokoto State
8. Mervyn Christoffels, Executive Director ICT - University of South Africa, An African University's Digital Transformation Journey to ODeL: Repositioning UNISA to Leverage Digital Opportunities
10. Dr. Dara Akala, Executive Director, Foundation for Partnership Initiatives in the Niger Delta, Abuja, Nigeria: Developing Model Pathways from Skills Training to Employment in a Fragile Environment

- Moderated Discussions and Conclusion

Parallel Session 3 (Breakout Room 2): Education Planning, Management and Assessment

Moderator: Lukman Jaji, IPED Policy Officer

Presenters:

Member States and RECs
1. Mr SENY SYLLA, CONSEILLER CHARGER DES QUESTIONS PEDAGOGIQUES, Ministère de l'Education Nationale et de l'Alphabétisation - Guinea
2. Prof. Pius Motlatsi Ramollo, Dean-Faculty of Science and Technology, National University of Lesotho - Lesotho
3. Mr Noel Chikhungu, Director of ICT, Education, Science and Technology – Malawi
4. Presentation by Southern African Development Community (SADC)
5. Presentation by Economic Community of Central African States (ECCAS)

- Moderated Discussions
Development Partners

7. Professor Richard Tabulawa: Botswana University
9. Ben Aboubacar – Comoros: Setting up of a digital documentation tool at the University of Comoros "Outsaha" / Implementation of a digital documentation tool at the University of Comoros "Outsaha"
10. James McIntyre, Sr. Program Manager, Leaders in Teaching, Mastercard Foundation

- Moderated Discussions and Conclusion

Parallel Session 4 (Breakout Room 3): Gender Responsive ICT for STEM Education and STEM based careers

Moderator: Martha Muhwezi, FAWE CEO

Presenters:

Member States

2. Mr Anthony Felix Baffoe Jnr, Director of ICT, Ministry of Education – Ghana
3. Mr Goodwill Kudakwashe Chademana, Deputy Director, Ministry of Primary and Secondary Education – Zimbabwe
4. Mr Berhanu Moreda, Director General, Ministry of Education – Ethiopia
5. Mr Adama Jimba Jobe, Deputy Permanent Secretary of Programmes, Ministry of Basic and Secondary Education – Gambia

- Moderated Discussions

Development Partners

6. FAWE - FAWE’s Gender Responsive Pedagogy (GRP)- Promoting Science, Technology, Engineering, Art & Design and Mathematics (STEAM) for Girls
7. Dr. Anita Antwiwaa – Ghana: Deployable CANSAT: A tool for teaching Space Technology in Ghana
9. Mr. Francis Kamau, CEMASTEA - Teacher professional development through school-based INSET

10. Dr. Claude Abanda, African Institute of Computer Sciences: Women and youths empowerment through ICT. Taking as example the program "opération 100 000 femmes and MIJEF 2035 practiced in Cameroon

- Moderated Discussions and Conclusion

13:00 – 14.00 Lunch Break

14:00 – 16.00 Parallel Session 5 (Breakout Room 1): Enhancing the Teaching and Learning Experience

Moderator: Mr. Koolese Ndodo, Director of Primary and Secondary Education, Botswana

Presenters:

Member States
1. Mr Adilson Manuel Jose, Education Officer, Ministry of Education - Angola
2. Mr Pierre Dossou-Yovo, l'Agence béninoise de Valorisation des résultats de la Recherche et de l'Innovation technologique Directeur générale – Benin
3. Mr Louis Ngope, ICT and Media Services – Ministry of Basic Education, Botswana
4. Mr. Patrick Emmanuel Muinda, Assistant Commissioner - ICT, Ministry of Education and Sports – Uganda

- Moderated Discussions

Development Partners
5. Ms. Esther Wachira, County Programme Manager, African Digital Schools’ Initiative (GESCI) - The Professional Teacher in theDigitally-Enabled School Community of the Future – a profile
7. Janet Muthoni Ouko, AfECN – Enhancing Teaching and Learning for better outcomes in Early Childhood Education and Development
8. Dr. Lawalley Cole, CAFOR - Using the Media Lab to teach courses for Journalism, Radio and Television Sections in a Media Department
9. Sidy Ndao, Ph.D., Associate Professor Mechanical and Materials Engineering, University of Nebraska-Lincoln - Pan-African Robotics Competition (Mastercard Foundation)
• Moderated Discussions and Conclusion

Parallel Session 6 (Breakout Room 2): Expanding out-of-school Girls' Horizons through Digital Transformation (AU/CIEFFA)

Moderator: Dr. Rita Bissoonauth, AU/CIEFFA Coordinator

Presenters:

Member States
1. Dr Yacouba Ouattara, Chercheur en informatique à l'Université Joseph Ki-Zerbo, Ministère de l'Enseignement Supérieur, de la Recherche Scientifique et de l'Innovation Enseignant - Burkina Faso
2. Mr Edouard Juma, Ministère de l'éducation, de la formation technique et professionnelle Ministry Official - Burundi
3. Dr Landry Zacharie Changement, Enseignant Chercheur, Ministere de l'Education - Central African Republic (CAR)

• Moderated Discussions

Development Partners
4. Linda Nanan Vallée, Senior Advisor, Lecturer and Digital Economy expert, Côte d'Ivoire
5. Reine Mbang Essobmadje, CEO, Evolving Consulting, Cameroon/France
6. Arielle Kitio, CEO/Founder of CAYSTI, Next Einstein Fellow
7. Mr Shiraz Chakera, Education Specialist, UNICEF ESARO
8. Ms Alice Ochanda, Gender Programme Specialist, UNESCO
9. Mastercard Foundation

• Moderated Discussions and Conclusion

Parallel Session 7 (Breakout Room 3): Enhancing Access and Inclusion (B)

Moderator: Prof Ilongo Fritz, University of Eswatini

Presenters:

Member States
1. Mr Moustapha Lamine, Secrétaire d’État à l'Éducation Nationale, Ministère de l’Éducation - Chad
2. Dr Said Hassane Said Omar - Chercheur - Correspondant National du CONFEMEN, Université des Comores - Ministère de l'Education Nationale , de l'Enseignement et de la Recherche Scientifique Enseignant - Comoros
3. Ms Wivine Yenga Wassako, Secrétaire Général à l'enseignement Supérieur et Universitaire - Democratic Republic of Congo
4. Mr Alem Habte Mare - Director of ICT, Ministry of Education – Eritrea

- Moderated Discussions

Development Partners
5. Amy Ogan, CMU, Allo Alphabet: An IVR to increase access to foundational literacy opportunities (Mastercard Foundation)
6. Viderot harry Jeer jr. – Benin: Mobile telephony at the service of inclusive education and training
7. Collins Ntshamba – Botswana: Harnessing the capacity of ict to ensure inclusion, quality and impact in education and training in Africa
9. Abdirahman yusuf Abdihafid – Somalia: Mobile Helper, contextual help, university, user-centered design based in Somalia
10. Erick Tambo, PAUWES: Entrepreneurship Incubator Curriculum: PAUWES MDE (Mini-grid, Digitalization and Entrepreneurship) Online Postgraduates Program as Example

- Moderated Discussions and Conclusion

Parallel Session 8 (Plenary Hall): Africa Creates Jobs. “ICT’s capacity to open up possibilities for innovation, entrepreneurship, and employability.

Moderator: Sylvester Ademola

Presenters:
2. Fareen Mawande - Programmes Lead, Nairobits: Building partnerships with the private sector to link youth with jobs.
3. Zachary Ouma - Creative Director, Dragonfly Limited: Perspectives on private sector engagement.
6. Cheryl James - BUSA, Country level mechanisms for Public Private Partnerships

16.00 – 16.30  **Group interactions with Innovators (Exhibition space)**

16.30 – 17.30 **Plenary Session 8 (Plenary Hall):** Amassing Continental Efforts in Harnessing the Capacity of ICT to ensure Inclusion, Quality and Impact in Education and Training in Africa

Moderator: Jerome Morrisey, CEO – Global e-Schools and Communities Initiative

- **Dr. Beatrice Njenga, Head of Education Division – AUC**
- **Moses Bayingana, Senior Policy Officer - Infrastructure and Energy, AUC Department**
- **Ms. Nena Thundu, Policy Officer – Social Affairs, AUC**
- **Pape Samb, Director of Ashoka Africa**

18.30 – 20.30 **Cultural night hosted by Botswana (Traditional attire)**

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**Day 3**

**22 August**

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<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>9.00 – 10.30</td>
<td><strong>Plenary Session 9 (Plenary Hall):</strong> Recap and Way Forward</td>
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Moderator: Prof. Mekonen Haddis, Senior Advisor – Bureau of Deputy Chairperson, AUC

Presentation on the Way Forward:
- Dr. Mahama Ouedraogo – Director, Human Resources, Science and Technology – African Union Commission

Partner commitments on Way Forward:

- **UNICEF**
- **UNESCO**
- **Mastercard Foundation**
- **ADEA**
- **AfDB**
- **VMware**
- **TRACE**
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>10:30 – 11.00</td>
<td>Coffee Break</td>
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<td>11.00 – 12.30</td>
<td><strong>Plenary Session 10 (Plenary Hall):</strong> Presentation of Awards to Innovators</td>
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<td>Moderator: Dr. Beatrice Njenga, Head of Education Division – African Union Commission</td>
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<td>- Presentation of Award to IEA Logo design winner</td>
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<td>- Presentation of Certificates and the African Union Education Innovation Awards - 2019</td>
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<td>- Vote of Thanks by Winning Innovator</td>
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<td>12.30 – 13:30</td>
<td><strong>Plenary Session 11 (Plenary Hall):</strong> Closing Session</td>
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<td>- Presentation of draft Communiqué by Rapporteur General: Dr. Yohannes Woldetensae, Senior Education Expert – African Union Commission</td>
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<td>- Closing Remarks by Dr. Mahama Ouedraogo – Director of Human Resources, Science and Technology – African Union Commission</td>
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<td>- Closing Remarks by Permanent Secretary, Ministry of Basic Education, Botswana</td>
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<td>- Announcements</td>
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<td>13.30 – 14.30</td>
<td>Lunch Break / Press Conference</td>
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<td>14:30 – 16.00</td>
<td><strong>Field Visits organised by Botswana</strong></td>
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