



**Current and future opportunities for EU-Africa cooperation in the Space domain, 6 and 7 September 2022**  
**Pretoria, South Africa (African Pride Irene Country Lodge Hotel) and online**  
**English with simultaneous French interpretation**

<b>Day 1: 6 September from 09:00 – 17:00 (CEST/SAST)</b>		
<b>TIMING</b>	<b>SESSION NAME AND DESCRIPTION</b>	<b>PRESENTATIONS</b>
08:30 – 09:00 (CEST/SAST)	<b>Registration and welcome coffee (for on-site participants)</b>	
09:00 - 9:15 (CEST/SAST)	<b>Opening remarks</b>  <i>Catherine Kavvada</i> , Director for Space Development & Innovation, Unit B "Innovation & Outreach", Directorate General for Defence Industry and Space (DG DEFIS), European Commission (Online)  <i>Daan Du Toit</i> , Deputy Director General of International Cooperation and Resources, South Africa Department of Science and Innovation  <i>Theo Kaspers</i> , Head of Cooperation, EU Delegation to South Africa	
09:15 – 10:15 (CEST/SAST)	<b>Session 1: Future Africa-EU space cooperation: Win-win scenarios (Part I)</b>  This session will focus on providing context and details on ongoing EU-Africa collaborations in the space domain.  Potential opportunities for further collaborations will be introduced, with a focus on space-based connectivity, sustainable development, and the enhancement of synergies between the EU and African space ecosystem.	<b>EU space strategy: Africa-EU partnerships</b>  <i>Jolanda Van Eijndhoven</i> , Head of Unit, Unit B3 "International Relations and Communication", Directorate-General for Defence Industry and Space (DG DEFIS), European Commission. (Online)  <b>Connectivity through Space: Global Gateway initiative (announcement)</b>  <i>Stefano Scarda</i> , Policy Officer, Unit B1 "Secure connectivity, Space Surveillance and Applications", Directorate General for Defence Industry and Space (DG DEFIS), European Commission (Online)  <b>Questions &amp; Answers</b>  <b>Emerging African Space Agency</b>  <i>Itumeleng Makoloi</i> , Director: Space Systems, Department of Science and Innovation of South Africa  <b>Questions &amp; Answers</b>



10:15 – 10:30 (CEST/SAST)	Coffee break	
10:30 - 12:00 (CEST/SAST)	<p><b>Session 1: Future Africa-EU space cooperation: Win-win scenarios (Part II)</b></p> <p>The second part of Session 1 will place a special focus on the topics of public-private partnerships in space, how the EU space industry can act as a partner for African companies, as well as how space technologies can have a positive impact on objectives related to food security in Africa.</p>	<p><b>Towards more innovation in the African space sector: impact of the GMES &amp; Africa initiative</b></p> <p><i>Dr. Tidiane Ouattara</i>, Space Expert and GMES &amp; Africa Program Coordinator, Science and Technology Division, Human Resources, Science and Technology Department   African Union Commission (Online)</p> <p><i>Catherine Ghyoot</i>, International Aid / Cooperation Officer - Science Technology and Innovation, Unit .A.2 "Regional and Multi-Country Programmes for Africa", Directorate-General for International Partnerships (DG INTPA), European Commission (Online)</p> <p><b>Questions &amp; Answers</b></p> <hr/> <p><b>The South African space landscape</b></p> <p><i>Itumeleng Makoloi</i>, Director: Space Systems, Department of Science and Innovation of South Africa</p> <p><b>Questions &amp; Answers</b></p> <hr/> <p><b>Space applications and entrepreneurship: new areas for cooperation</b></p> <p><i>Fiammetta Diani</i>, Head of Market, Downstream, and Innovation, EU Agency for the Space Programme (EUSPA) (Online)</p> <p><i>Kwaku Sumah</i>, Founder, Spacehubs Africa (Online)</p> <p><b>Questions &amp; Answers</b></p> <hr/> <p><b>Space systems for food security in Africa</b></p> <p><i>Felix Rembold</i>, Team leader for Food security, Unit JRC.D.5 "Food Security", Joint Research Centre (Online)</p> <p><i>Prof Moses Cho</i>, Chief Researcher, Council for Scientific and Industrial Research (CSIR)</p> <p><b>Questions &amp; Answers</b></p>



12:00 - 13:30 (CEST/SAST)	Lunch Break	
13:30 - 15:30 (CEST/SAST)	<p><b>Session 2: Research as a tool for engagement in space</b></p> <p>This session will focus on showcasing research as a tool for greater collaboration and engagement with the African space community.</p> <p>Particular focus will be placed on the opportunities that EU research initiatives can bring for the African partners in the space domain, as well as on current activities and partnerships.</p>	<p><b>Building research capacity through the EU Space Research Programme</b></p> <p><i>Virgit Blasch</i>, Deputy Head of Unit for Space research, Health and Digital Executive Agency (HaDEA), European Commission (Online)</p> <p><b>Questions &amp; Answers</b></p> <p><b>The status of space sciences in Africa</b></p> <p><i>Dr. Souleye Wade</i>, CEO African Institute of Geomatics Technical Director BEST. (Bureau d'Etudes en Sciences de la Terre &amp; Environnement) (Online)</p> <p><b>Questions &amp; Answers</b></p> <p><b>Successful examples of EU research involving African partners</b></p> <p><i>Dr. Kostis Tsaprailis</i>, EYWA technical project manager, National Observatory of Athens (Online)  <i>Dr. Ilias Fountoulakis</i>, Researcher, GEO-CRADLE, National Observatory of Athens (Online)  <i>Mr. Takalani Nemaungani</i>, Chief Director: Astronomy, Department of Science and Innovation</p> <p><b>Questions &amp; Answers</b></p> <p><b>The Pan African University Institute for Space Sciences (PAUSS): entrepreneurship and associated research</b></p> <p><i>Dr Eliakim Hamunghela</i>, Senior Lecturer, University of Namibia  <i>Nyameko Royi</i>, Cape Peninsula University of Technology</p> <p><b>Questions &amp; Answers</b></p>
15:30 – 17:00 (CEST/SAST)	Networking reception (for on-site participants)	



**Day 2: 7 September from 09:30 – 17:30 (CEST/SAST)**

TIMING	SESSION NAME AND DESCRIPTION	PRESENTATIONS
09:00 - 9:30 (CEST/SAST)	Registration and welcome coffee (for on-site participants)	
09:30 - 12:00 (CEST/SAST)	<p><b>Session 3: EO drivers and applications</b></p> <p>This session will focus on addressing key Copernicus services and products, as well as applications of interest for Africa.</p> <p>In particular, presentations will address topics of disasters and emergency management, EO applications for food security, as well as EO applications for enabling a more sustainable economic development. Earth Observation applications under the scope GMES &amp; Africa will also be presented.</p>	<p><b>EO for sustainable development in Africa supported by GMES</b> <i>Michel Massart</i>, Programme Officer (Placed at the disposal) - Copernicus Expert: Land Services and International Cooperation, Unit C3, "Earth Observation", Directorate-General for Defence Industry and Space (DG DEFIS), European Commission (Online)</p> <p><b>EO in the context of GMES: applications for food security and natural disasters</b> <i>Dr. Mahaman Bachir Saley</i>, Senior Scientific Officer, GMES and Africa Water and Natural Resources Expert (Online)</p> <p><b>Questions &amp; Answers</b></p> <p><b>Copernicus EMS and SEA for humanitarian aid and crisis response</b> <i>Alessandra Ussorio</i>, Deputy Head of Copernicus, EU SatCen (Online)</p> <p><b>Questions &amp; Answers</b></p> <p><b>Drought monitoring and disaster management through EO</b> <i>Vincent Gabaglio</i>, International relations Officer, EUMETSAT (Online)</p> <p><b>Questions &amp; Answers</b></p> <p><b>Assessment of the Impact of Deforestation in Africa</b> <i>Dr. John Richard Otukey</i>, Senior Lecturer, Makerere University (Online)</p> <p><b>Questions &amp; Answers</b></p>



<p>12:00 - 13:30 (CEST/SAST)</p>	<p><b>Lunch Break</b></p>	
<p>13:30 - 14:30 (CEST/SAST)</p>	<p><b>Session 4: GNSS applications for Africa</b></p> <p>This session will focus on presenting EGNSS solutions and their potential key applications, especially in the downstream sector. A particular focus will be placed on the status of SBAS development in Africa and potential modes of cooperation with the EU, as well as presenting the potential of EGNSS and Galileo High Accuracy services for downstream markets. The topic of SBAS as an enabler of the air transport market in Africa will also be addressed.</p>	<p><b>Status of SBAS development in Africa</b></p> <p><i>Semou Diouf</i>, Director, SatNav Africa Joint Programme Office (Online)</p> <hr/> <p><b>Questions &amp; Answers</b></p> <hr/> <p><b>EGNSS for downstream markets</b></p> <p><i>Maria Mota-Rodriguez</i>, European Union Agency for the Space Programme (EUSPA) (Online)</p> <hr/> <p><b>High accuracy service for applications beyond aviation: precision farming</b></p> <p><i>Doris Marquardt</i>, Research Programme Officer, Unit F.2.001 "Research &amp; innovation coordination", Directorate General for Agriculture and Rural Development, (DG AGRI) (Online)</p> <hr/> <p><b>Questions &amp; Answers</b></p> <hr/> <p><b>SBAS as an enabler of African air transport market: the ASECNA perspective</b></p> <p><i>Julien Lapie</i>, Technical Advisor, Agency for Aerial Navigation Safety in Africa and Madagascar (ASECNA) (Online)</p> <hr/> <p><b>Questions &amp; Answers</b></p> <hr/> <p><b>The South Africa scenario</b></p> <p><i>Mr Eugene Avenant</i>, Chief Engineer, South African National Space Agency (SANSA)</p> <hr/> <p><b>Questions &amp; Answers</b></p>
<p>14:30 - 15:30 (CEST/SAST)</p>	<p><b>Session 5: Doing business with European partners</b></p> <p>This session is dedicated to business solutions, EU-Africa partnerships and investment opportunities, and related EU funding opportunities.</p>	<p><i>Darot Dy</i>, Market reports workstream, EU Global Action on Space (Online)</p> <hr/> <p><b>Business coaching services</b></p> <p><i>Tamara Naydenova</i>, Business coaching workstream, EU Global Action on Space (Online) <i>Francois Denner</i>, EU Global Action on Space local expert</p>



	<p>In this session, the first part will consist of several presentations that aim to describe the space industrial ecosystem, as well as the business support opportunities offered by the EU.</p> <p>The second part is focused on specific use-cases that will be presented by companies based in both the EU and Africa.</p>	<p><b>Questions &amp; Answers</b></p> <hr/> <p><b>Investment opportunities in Africa and cost-benefit analysis of space-based applications</b></p> <p><i>Anna Burzykowska</i>, Copernicus Innovation Officer, ESA (Online)</p> <p><i>Stella Chelengat Mutai</i>, Geospatial and Remote sensing Consultant, International Fund for Agricultural Development (IFAD) (Online)</p> <p><b>Questions &amp; Answers</b></p>
<p>15:30 - 15:45 (CEST/SAST)</p>	<p><b>Coffee break</b></p>	
<p>15:45 - 16:30 (CEST/SAST)</p>	<p><b>Use Cases: Pitching session</b></p> <p>This session presents particular cases presented by companies from both the EU and Africa.</p>	<p><b>Satellite-based solutions for agriculture 4.0: EO and EGNSS synergies</b></p> <p><i>Ervin Csőke</i>, Business development manger, World from Space (Online)</p> <p><i>Gregory Migdakos</i>, Business Development Manager, AgroApps (Online)</p> <hr/> <p><b>Land Management EO services for Agriculture and Forestry</b></p> <p><i>Guido Milazzo</i>, Key account manager, Bluebiloba (Online)</p> <p><i>Vivianne Meta</i>, Managing Director, LocatelIT (Online)</p> <hr/> <p><b>Geospatial mapping for mining</b></p> <p><i>Ruvimbo Samanga</i>, Founder, AgriSpace and Law &amp; Policy Analyst (Online)</p> <p><b>Questions &amp; Answers</b></p>
<p>16:30 - 17:20 (CEST/SAST)</p>	<p><b>Session 6: Future EU-Africa cooperation in space</b></p> <p>A roundtable featuring the representatives of various EU and African institutional space actors. The discussions will focus on the future role of public actors, and notably Space agencies, within the new "Space 4.0" framework. A particular focus will be placed on new cooperation mechanisms, coordination on future regulations, and the overall approach to supporting private initiatives and developing more dynamic economies.</p>	<p><b>Round table: The role of space agencies and public entities in the Space 4.0 era</b></p> <p><i>Jolanda Van Eijndthoven</i>, Head of Unit, Unit B3 "International Relations and Communication", Directorate-General for Defence Industry and Space (DG DEFIS), European Commission.</p> <p><i>Benjamin Koetz</i>, Head of Sustainable Initiatives Office, European Space Agency (ESA)</p> <p><i>Itumeleng Makoloi</i>, Director: Space Systems, Department of Science and Innovation</p> <p><i>Ayman Ahmed</i>, Head of Space Imaging Division, Member of Board of directors Egyptian Space Agency</p>



		<p><b>Dr. Ikpaya O. Ikpaya</b>, Deputy Director, Ground Station and Mission Control, National Space Research and Development Agency (NASRDA)</p> <p><b>Charles Mwangi</b>, Agricultural Director, Space Sector &amp; Technology Development, Kenya Space Agency</p> <p><b>Dr. Electdom Matandirotya</b>, Chief Scientist, Zimbabwe National Geospatial and Space Agency</p> <p><b>Miguel Exposito Verdejo</b>, Deputy Head of Unit Science, Technology, Innovation and Digitalisation, Directorate-General for International Partnerships (DG INTPA), European Commission</p>
		<p><b>Questions &amp; Answers</b></p>
<b>17:20 - 17:30 (CEST/SAST)</b>	<b>Closing remarks</b>	<p><b>Luis Cuervo Spottorno</b>, Policy officer, Unit B.3 "International relations", Directorate-General for Defence Industry and Space (DG DEFIS), European Commission (Online)</p>