

## AI for Healthcare in Africa: Strengthening Systems, Policies, and Innovation

### Summary of the 3-Day Conference Agenda

**Title:** AI for Healthcare in Africa: Strengthening Systems, Policies, and Innovation

**Theme:** *Harnessing AI to Improve Healthcare Access, Equity, and Outcomes in Africa*

**Duration:** 3 Days

**Format:** Plenary Sessions, High-Level Panels, Breakout Tracks, Technical Showcases, and Networking Opportunities

**Audience:** African Heads of State, Ministers of Health and ICT, Tech Industry Leaders, AI Researchers, Healthcare Professionals, Startups, Investors, Development Partners, Civil Society

<p><b>Objective:</b> Establish a strong policy and governance framework for AI in African healthcare systems.</p> <p><b>Plenary:</b> High-Level Opening &amp; Keynote Addresses</p> <p><b>Panel Discussions:</b> AI governance, policy, and regulatory frameworks</p> <p><b>Breakout Sessions:</b> <i>(Refined for better focus)</i></p> <ol style="list-style-type: none"><li>AI Regulation &amp; Ethics in African Healthcare</li><li>AI-Driven Health Data &amp; Digital Infrastructure</li><li>Public-Private Partnerships &amp; AI Investments in Healthcare</li></ol> <p><b>VIP Roundtable:</b> Heads of State &amp; CEOs Dialogue on AI in African Healthcare</p> <p><b>Evening:</b> High-Level Networking Gala</p>	<p><b>Objective:</b> Showcase AI-powered solutions transforming healthcare in Africa.</p> <p><b>Plenary:</b> AI's role in revolutionizing diagnostics, drug discovery, and public health</p> <p><b>Panel Discussions:</b> AI for diagnostics, maternal health, disease surveillance, and telemedicine</p> <p><b>Breakout Sessions:</b> <i>(Real-world AI applications)</i></p> <ol style="list-style-type: none"><li>AI in Diagnostics &amp; Disease Surveillance</li><li>Building AI-Driven Smart Health Infrastructure</li><li>AI in Drug Discovery &amp; Precision Medicine</li><li>AI Entrepreneurship &amp; Investment Strategies in Africa's Health Sector</li></ol> <p>Startup Showcases &amp; AI Innovation Pitches Tech Exhibition &amp; Networking Reception</p>	<p><b>Objective:</b> Develop a roadmap for AI integration into African health systems with sustainable funding and partnerships.</p> <p><b>Plenary:</b> Financing AI healthcare innovations &amp; scaling impact</p> <p><b>Panel Discussions:</b> Strategies for funding, policy implementation, and sustainable AI scaling</p> <p><b>Breakout Sessions:</b> <i>(Scaling &amp; investment strategies)</i></p> <ol style="list-style-type: none"><li>Expanding AI Education &amp; Training for Healthcare Workers</li><li>Building AI-Ready Health Data Infrastructure</li><li>Strengthening AI Regulation &amp; Ethical Governance</li><li>AI-Driven Public-Private Partnerships for Healthcare Financing</li></ol> <p><b>Plenary Panel:</b> Roadmap for AI in African Healthcare AI for Healthcare Africa Declaration &amp; Adoption Ceremony</p> <p><b>Closing Session:</b> Final Reflections &amp; Commitments from AUDA-NEPAD &amp; Egypt</p>



## Day 1: Policy, Governance, and AI Infrastructure for Healthcare

**Theme:** Establishing Policy, Regulation, and Infrastructure for AI in African Healthcare Systems

**Objective:** Set the stage for AI governance, regulation, and digital infrastructure necessary for AI-enabled healthcare in Africa.

### Day 1 Schedule (Plenary & Breakout Sessions)

Time	Session	Format	Speakers/Panelists
08:00 – 09:00	Arrival & Registration	-	Conference Secretariat
09:00 – 09:30	Opening Ceremony Remarks	Plenary	<b>Dr. Matshidiso Moeti</b> , WHO Africa Director (TBC)  <b>H.E. Lerato Dorothy Mataboge</b> , AUC Commissioner for Infrastructure & Digital Economy (TBC)  <b>H.E. Nardos Bekele-Thomas</b> , CEO, AUDA-NEPAD
09:30 – 09:45	Keynote Address		<b>H.E. Abdel Fattah el-Sisi</b> , President of the Republic of Egypt
09:45 – 10:45	<b>High-Level Panel: AI in Healthcare Policy &amp; Governance – Aligning Africa’s Strategic Approach</b>  This high-level panel will explore the intersection of <b>regulation, governance, and ethics</b> in the deployment of AI in healthcare across Africa. It will address the need for <b>coherent policy frameworks, cross-border regulatory alignment</b> , and the development of <b>ethical standards</b> to ensure responsible and equitable AI adoption in health systems.	Plenary	<b>Moderator: Dr. Rachel Adams</b> , CEO, Global Centre on AI Governance, South Africa  <ol style="list-style-type: none"><li>1. <b>Hon. Prof. Muhammad Ali Pate</b>, Minister of Health &amp; Social Welfare, Nigeria (TBC)</li><li>2. <b>Hon. Paula Ingabire</b>, Minister of ICT, Rwanda (TBC)</li><li>3. <b>Ambassador Amma Twum-Amoah</b>, Commissioner for Health, Humanitarian Affairs, and Social Development (HHS) at the African Union Commission (TBC)</li><li>4. <b>Mohamed Haroun</b>, General Manager for Africa, GE HealthCare</li><li>5. <b>Alex Okosi</b>, CEO Google Africa.</li></ol>
10:45 – 11:00	Open Discussion & Audience Q&A		

11:00 – 11:30	Networking Tea Break
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**Breakout Sessions – Policy, Ethics & Infrastructure.**

Time	Track 1: The Legal Ramifications of AI adoption in African Healthcare	Track 2: AI Infrastructure & Data Governance	Track 3: AI & Public-Private Partnerships for Health Innovation
11:30 – 12:30	<p><b>Balancing Innovation and Regulation: Legal and Ethical Imperatives for AI in African Healthcare Systems</b></p> <p><b>Moderator:</b> Mrs Chimwemwe Chamdimba, Head of African Medicines Regulatory Harmonization (AMRH), AUDA-NEPAD</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Yvonne Mburu (Founder, Nexakili, Kenya)</li> <li>2. Dr. Emma Ruttkamp-Bloem (AI Ethics, Cross-Border AI Regulation, South Africa)</li> <li>3. Dr. Karim Bendhaou, Chair, Africa Working Group International Federation of Pharmaceutical Manufacturers &amp; Associations (IFPMA), Morocco</li> <li>4. Uchechukwu Ngwaba Assistant Professor at Lincoln Alexander School of Law, Toronto Metropolitan University.</li> </ol>	<p><b>AI-Driven Health Data &amp; Digital Infrastructure</b> (<i>How to build Africa's AI-ready healthcare systems</i>)</p> <p><b>Moderator:</b> Ms Christelle Onana, Head of Digitalisation Unit, Senior Policy Analyst, AUDA-NEPAD</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Prof. Deshen Moodley (Cybersecurity &amp; AI Data Governance, South Africa)</li> <li>2. <b>Liz Thomas, Director of Public Policy, Digital Safety, Microsoft</b></li> <li>3. Dr Caglar Gulcehre, Machine Learning &amp; Health Data, DeepMind, Canada</li> <li>4. Steve Levy, Head of Europe, the Middle East and Africa (EMEA), Zipline</li> </ol>	<p><b>Structuring public-private partnerships to yield profitable outcomes in the healthcare space</b> (<i>How AI is transforming economic opportunities in health</i>)</p> <p><b>Moderator:</b> Ms Nyiko Khoza</p> <p>Programme Officer- Resource Mobilization, AUDA-NEPAD</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Rebecca Enonchong (Tech Entrepreneur, Cameroon)</li> <li>2. Deji Macaulay, CEO Cube Cover</li> <li>3. Karim Beguir (CEO, InstaDeep, Tunisia)</li> <li>4. Dr Sandile Buthelezi, Director General, Department of Health, South Africa</li> <li>5. Janade Du Plessis, Co-Founder and Managing Partner, Launch Africa VC</li> </ol>

	<b>5. Dr. Mhairi Aitken, Senior Ethics Fellow, Public Policy Programme, The Alan Turing Institute</b>		
<b>12:30 – 13:00</b>	<b>Open Discussion &amp; Audience Q&amp;A</b>	<b>Open Discussion &amp; Audience Q&amp;A</b>	<b>Open Discussion &amp; Audience Q&amp;A</b>
<b>13:00 – 14:00</b>	<b>Lunch Break &amp; Networking</b>		

**VIP Roundtable & Plenary Discussions**

<b>Time</b>	<b>Session</b>	<b>Format</b>	<b>Speakers/Panelists</b>
<b>14:00 – 15:20</b>	<b>VIP Roundtable: AI for Healthcare Policy &amp; Investment</b> <i>(Invite-only session for Heads of State, Ministers, and Industry Leaders to define Africa’s AI roadmap in healthcare.)</i>	<b>Private</b>	<b>Participants:</b> African Heads of State, Tech CEOs, AUDA-NEPAD Representatives, AU Ministers
<b>14:00 – 15:30</b>	<b>Tech Showcase</b> <i>(Live AI demos from African startups &amp; research institutions)</i>		
<b>15:30 – 16:00</b>	<b>Networking Tea Break</b>		
<b>16:00 – 16:45</b>	<b>Multi-Stakeholder Dialogue: The AI Roadmap for African Healthcare in Regional Economic Communities (RECs)</b>  <i>(Strengthening policy alignment &amp; cross-border AI collaboration)</i>	<b>Plenary</b>	<b>Moderator: TBC</b>  <b>Panelists:</b>  <ol style="list-style-type: none"><li>1. Dr. Fortunate Muyambi (Deputy Executive Secretary, East Africa Science &amp; Technology Commission - EASTECO)</li><li>2. Dr. Lamboly Kumboneki (Senior Program Officer, HIV/AIDS, Southern Africa Development Community - SADC)</li><li>3. Dr. Yvonne Kinyanjui (Health Expert, COMESA)</li></ol>

			4. Dr. Sani Ali (Director of Planning & Health Information, West African Health Organization - WAHO)
16:45 – 17:00	Closing of Day 1: Key Takeaways & Next Steps	Plenary	AUDA-NEPAD & Host Government Representative
19:00 – 21:00	VIP Dinner & Networking Gala <i>(Fireside Chat with Ministers, AU Officials, &amp; AI Leaders)</i>	Private	Key Speakers: TBC

**Day 2: AI in Practice – Solutions, Research, and Implementation**

**Theme:** Showcasing AI-Powered Solutions Transforming Healthcare in Africa

**Objective:** Highlight real-world applications of AI in healthcare, focusing on diagnostics, drug discovery, digital health, and public health interventions.

**Day 2 Schedule (Plenary & Breakout Sessions)**

Time	Session	Format	Speakers/Panelists
08:00 – 09:00	Arrival & Registration	-	-
09:00 – 09:45	<b>Keynote Addresses: AI Transforming Healthcare</b>	<b>Plenary</b>	<b>H.E. Nardos Bekele-Thomas</b> , CEO, AUDA-NEPAD
09:45 – 10:45	<b>High-Level Panel: AI-Driven Innovations in African Healthcare</b>  <i>(Breakthrough applications, best practices, and challenges in implementation)</i>	<b>Plenary</b>	<b>Moderator:</b> TBC Head of Office of Science, Technology and Innovation, AUDA-NEPAD  1. <b>H.E. Dr. Khaled Abdel Ghaffar</b> , Minister of Health and Population, Egypt 2. <b>Maria Luciana Axente</b> , Chair, <b>Data and AI Leadership Committee</b> , Tech UK 3. <b>Dr. Agnes Binagwaho</b> , former Vice Chancellor, University of Global Health Equity (UGHE), Rwanda 4. <b>Dr. Olayinka David-West</b> , Dean, Lagos Business School, Nigeria
10:45 – 11:00	<b>Open Discussion &amp; Audience Q&amp;A</b>		
11:00 – 11:30	<b>Networking Tea Break</b>	-	-

**Breakout Sessions – Real-World AI Applications.**

Time	Track 1: AI for Diagnostics &	Track 2: AI in Drug Discovery &	Track 3: AI in Healthcare Entrepreneurship & Investment
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	Disease Surveillance	Precision Medicine	
11:30 – 12:30	<p><b>AI in Diagnostics, Imaging &amp; Disease Surveillance</b></p> <p><i>(How AI is revolutionizing diagnostics and early disease detection)</i></p> <p><b>Moderator:</b> Dr Wiltshire Johnson, Program Coordinator, Integrated Vector Management Program, AUDA-NEPAD</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Judy Gichoya (AI in Radiology, Emory University, USA/Kenya)</li> <li>2. Dr. Merawi Aragaw Tegegne, Head of Public Health Emergency Preparedness, Africa CDC</li> <li>3. Prof. Tumaini Nagu (AI in Public Health, Tanzania)</li> <li>4. Prof. Mohamed Jemni, AI &amp; Assistive Health Technologies, University of Tunis El Manar, Tunisia</li> <li>5. Dushyant Singh Baghel, Founder and CEO, Nucleome Informatics Pvt Ltd</li> </ol>	<p><b>AI &amp; Precision Medicine: Ethical Considerations &amp; Breakthroughs</b></p> <p><i>(How AI is advancing personalized medicine &amp; pharmaceutical R&amp;D)</i></p> <p><b>Moderator:</b> TBC, AUDA-NEPAD</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Olufunmilayo Olopade, MD, Director, Center for Clinical Cancer Genetics, University of Chicago</li> <li>2. Dr. Yasmine Belkaid, Director, AI &amp; Biotechnology, Institut Pasteur de Paris/Algeria</li> <li>3. Dr. Rashida FerrandAI &amp; Genomic Epidemiology, London School of Hygiene &amp; Tropical Medicine (Zimbabwe Lead), Zimbabwe</li> <li>4. <b>Dr. Yi Zeng, Professor and Director, Brain-inspired Cognitive AI Lab, Institute of Automation, Chinese Academy of Sciences</b></li> </ol>	<p><b>AI Startups &amp; Investment Strategies for Healthcare</b></p> <p><i>(Unlocking funding for Africa's AI-powered healthcare startups)</i></p> <p><b>Moderator:</b> George Murumba, Principal Programme Officer – Project Coordination, AUDA-NEPAD</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Chinedu Ezeife (AI &amp; Biotech Investment, Ghana/Canada)</li> <li>2. Karim Beguir (CEO, InstaDeep, Tunisia)</li> <li>3. Dr. Nneka Mobisson, CEO, mDoc (AI &amp; Digital Health), Nigeria</li> <li>4. <b>Zachariah George, Managing Partner, Launch Africa Ventures</b></li> <li>5. Dr. Mories Atoki, Chief Executive Officer, African Business Coalition for Health</li> </ol>
12:30 – 13:00	<b>Open Discussion &amp; Audience Q&amp;A</b>	<b>Open Discussion &amp; Audience Q&amp;A</b>	<b>Open Discussion &amp; Audience Q&amp;A</b>
13:00 –	<b>Lunch Break &amp; Networking</b>	-	



14:00			
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## Startup Showcases & Plenary Discussions

Time	Session	Format	Speakers/Panelists
14:00 – 15:00	<b>AI Healthcare Innovation Showcase &amp; Startup Pitches</b> <i>(Live demos &amp; pitches from Africa’s top AI healthcare startups, judged by investors &amp; policymakers)</i>	Plenary	<b>Selected AI healthcare startups from Africa</b>  <b>Investor Panel:</b> Venture capitalists, AI health funders, AUDA-NEPAD representatives
15:00 – 15:30	<b>Networking Tea Break</b>		
15:30 – 16:30	<b>Multi-Stakeholder Dialogue: Scaling AI Solutions in Africa’s Health Sector</b> <i>(Government, investors, and innovators discuss AI scaling strategies)</i>	Plenary	<b>Participants:</b> AU Ministers, WHO, World Bank, Gates Foundation, AI Innovators
16:30 – 17:00	<b>Closing of Day 2: Key Takeaways &amp; Next Steps</b>	Plenary	<b>AUDA-NEPAD &amp; Egypt Representative</b>

### Day 3: Scaling AI Adoption and Sustainable Impact

**Theme:** Roadmap for AI Integration into African Healthcare Systems

**Objective:** Develop strategies for scaling AI adoption in healthcare, focusing on policy implementation, investment, and sustainable impact.

#### Day 3 Schedule (Plenary & Breakout Sessions)

Time	Session	Format	Speakers/Panelists
08:00 – 09:00	Arrival & Registration	-	-
09:00 – 09:45	<b>Expanding AI Education &amp; Training for Healthcare Workers</b> ( <i>How to equip Africa's healthcare workforce with AI skills</i> )		<b>Moderator: TBC, AUDA-NEPAD</b>  <b>Speakers:</b>  <b>1. Dr. Virginia Dignum, Professor of Responsible Artificial Intelligence, AI Policy Lab, Umeå University</b> <b>2. Professor Peter Donkor, Kwame Nkrumah University of Science and Technology, Kumasi</b> <b>3. Dr. Uyi Stewart (AI &amp; Digital Skills, Kenya)</b> <b>4. Dr. Thompson Chengeta, Professor of International Law and AI Technologies, Liverpool John Moores University</b>
09:45 – 10:00	<b>Open Discussion &amp; Audience Q&amp;A</b>		
10:00 – 10:20	<i>AI in Healthcare Implementation Roadmap Draft</i>	<b>Presentation</b>	AUDA NEPAD
10:20 – 11:00	<b>Open Discussion &amp; Audience Q&amp;A</b>		
11:00 – 11:30	<b>Tea Break</b>		

## Plenary Discussions & Policy Roadmap Adoption

Time	Session	Format	Speakers/Panelists
11:30 – 12:30	<b>AI for Healthcare Africa Declaration &amp; Adoption Ceremony</b>  <i>(Governments, investors, and innovators sign AI commitments for Africa's healthcare sector)</i>	Declaration	<b>TBC: African Governments, AI Innovators, Donors &amp; Private Sector Leaders</b>  1. <b>H.E. Abdel Fattah el-Sisi</b> – President, <b>Government of Egypt, Egypt</b> 2. <b>H.E. Dr. Jean Kaseya</b> – Director General, <b>Africa Centres for Disease Control and Prevention (Africa CDC), Ethiopia</b> 3. <b>H.E. Dr. Muhammad Ali Pate</b> – Minister of Health & Social Welfare, <b>Government of Nigeria, Nigeria</b> 4. <b>Dr. Akinwumi A. Adesina</b> – President, <b>African Development Bank (AfDB), Ivory Coast</b> 5. <b>H.E. Nardos Bekele-Thomas</b> – Chief Executive Officer, <b>African Union Development Agency (AUDA-NEPAD), Ethiopia</b> 6. <b>Satya Nadella</b> , Chairman & CEO, <b>Microsoft, United States</b> 7. <b>Dr. Trevor Mundel</b> – President, Global Health, Gates Foundation 8. <b>Nabiha Syed</b> , Executive Director, Mozilla Foundation
12:30 – 13:00	<b>Closing of the Conference: Final Reflections &amp; Commitments</b>	Plenary	<b>AUDA-NEPAD &amp; Egypt Representative</b>
13:00	<b>Lunch Break &amp; Networking</b>		