

## Stellenbosch University / CSIR/ AUDA-NEPAD virtual workshop on the AUDA-NEPAD Centre of Excellence for Science, Technology, Innovation

**Date:** Tuesday 1 December 2020  
**Time:** 13:00 to 17:00 (Central Africa Time)  
**Medium:** MS Teams - [Click here to join the main meeting](#) from 12:50

### Programme

Time	Item	Person
13:00 - (5 mins)	<b>Opening and orientation</b>	Dr. Nico Elema
13:05 - (10 Mins)	<b>Welcome from Stellenbosch University</b>	Prof Hester Klopper – DVC: Strategy and Internationalisation
13:15 - (10 mins)	<b>Focus areas of the CSIR</b>	Ms Khungeka Njobe
13:25 - (20 mins)	<b>AUDA-NEPAD CoE in Science, Technology Innovation</b>	Mr Martin Bwalya / Dr Talla Kebe
13:45 - (1h30m)	<b>Five Break-away groups</b>	
	<b>Workgroup 1</b> <a href="#">Click here to join the workgroup 1</a> After the opening session	<b>SU Participants</b> <a href="#">Click here to join the workgroup 1</a> After the opening session
	<b>CSIR Participants</b> <a href="#">Click here to join the workgroup 1</a> After the opening session	<b>AUDA-NEPAD</b> <a href="#">Click here to join the workgroup 1</a> After the opening session
	<b>WG1 Theme: Healthcare (Health and Human wellbeing)</b>  <b>Cross-cutting priorities to be considered: Data, Education, Skills Development, Training.</b>  <b>Rapporteur(s): x2</b> 1. Dr Taime Sylvester 2. Dr Maaïke Eken 3. Dr Alex Alexandre	1. Prof Nico Gey van Pittius 2. Ms Lynnemore Scheepers 3. Prof Gerhard Walzl 4. Dr. Liezel Smith 5. Dr. Andriëtte Hiemstra 6. Prof Gian van der Spuy 7. Dr. Andre Loxton 8. Prof Mark Cotton 9. Prof Leslie Swartz 10. Prof Jason Banjes 11. Prof Mark Tomlinson
	1. CSIR Co-Chair: Dr Deepak Govindaraj  2. Dr Mapiitso Molefe 3. Thabang Molefi 4. Coralie Van Reenen 5. Dr Jenny-Lee Panayides 6. Dr Tsepo Tsekoa 7. Dr Yolandi Lemmer 8. Dr Janine Scholefield 9. Dr Maretha O’Kennedy	1. AUDA-NEPAD Co-Chair: Prof Aggrey Ambali  2. Mr. Jeremy Ouedraogo

<p><b>Workgroup 2</b>  <a href="#">Click here to join the workgroup 2</a>  After the opening session</p>	<p><b>SU Participants</b>  <a href="#">Click here to join the workgroup 2</a>  After the opening session</p>	<p><b>CSIR Participants</b>  <a href="#">Click here to join the workgroup 2</a>  After the opening session</p>	<p><b>AUDA-NEPAD</b>  <a href="#">Click here to join the workgroup 2</a>  After the opening session</p>
<p><b>WG 2 Theme: Industrialisation, Markets and Trade (AfCFTA)</b></p> <p><b>a) Social and Economic Infrastructure: Water, Energy, Agro-Industry, Environment, Infrastructure,</b></p> <p><b>b) Economic Integration Cross-cutting priorities to be considered: Data, Education, Skills Development, Training.</b></p> <p><b>Cross-cutting priorities to be considered: Data, Education, Skills Development, Training.</b></p> <p>Rapporteur(s):</p> <ol style="list-style-type: none"> <li>1. Dr Palesa Mothapo</li> <li>2. Dr. Peter Klein</li> </ol>	<ol style="list-style-type: none"> <li>1. SU Co-Chair: Prof Kennedy Dzama</li> <li>2. Prof Sampson Mamphweli</li> <li>3. Prof Gideon Wolfaardt</li> <li>4. Prof Wesaal Khan</li> <li>5. Me. Karin Kritzinger</li> <li>6. Prof John Measey</li> <li>7. Prof Andre Burger</li> <li>8. Prof Kobus du Plessis</li> <li>9. Dr. Willem de Clercq</li> <li>10. Dr. Albert Strever</li> <li>11. Ms Joanna Fatch</li> </ol>	<ol style="list-style-type: none"> <li>1. CSIR Co-Chair: Dr Kitessa Roro</li> <li>2. Dr Clinton-Carter Brown</li> <li>3. Dr Harrison Pienaar</li> <li>4. Mr Ash Seetal</li> <li>5. Zvikomborero Tangawamira</li> <li>6. Dr Clinton Carter Brown</li> <li>7. Dr Mkhulu Mathe</li> <li>8. Dr Erick Chakauya</li> <li>9. Dr Lara Kotze</li> <li>10. Dr Bethuel Sehlapelo</li> <li>11. Dr Kenny Tenza</li> <li>12. Dr Shingi Mutanga</li> <li>13. Steven Weerts</li> <li>14. Dr Brian Mantlana</li> <li>15. Joe Mafiravana</li> <li>16. Douglas Trotter</li> <li>17. Peta De Jager</li> <li>18. Lee-Hendor Ruiters</li> <li>19. Martin Sanne</li> <li>20. Fabrizio Dionisio</li> <li>21. Prof Neville Sweijd</li> <li>22. Dr Blessed Okole</li> <li>23. Jan Lekalakala</li> </ol>	<ol style="list-style-type: none"> <li>1. AUDA-NEPAD Co-Chair: Mr. Martin Bwalya</li> </ol>
<p><b>Workgroup 3</b>  <a href="#">Click here to join the workgroup 3</a>  After the opening session</p>	<p><b>SU Participants</b>  <a href="#">Click here to join the workgroup 3</a>  After the opening session</p>	<p><b>CSIR Participants</b>  <a href="#">Click here to join the workgroup 3</a>  After the opening session</p>	<p><b>AUDA-NEPAD</b>  <a href="#">Click here to join the workgroup 3</a>  After the opening session</p>
<p><b>WG3 Theme: Systems and Technologies for the future, Digitization, Data, including Artificial Intelligence</b></p> <p><b>Cross-cutting priorities to be considered: Data, Education, Skills Development, Training.</b></p> <p>Rapporteur(s):</p> <ol style="list-style-type: none"> <li>1. Dr Tando Maduna</li> <li>2. Dr Sabelo Madonsela</li> </ol>	<ol style="list-style-type: none"> <li>1. SU Co-Chair: Prof Kanshu Rajaratnam</li> <li>2. Prof Bruce Watson</li> <li>3. Prof Paul Mostert</li> <li>4. Dr. Morne Mostert</li> <li>5. Prof Alex Welte</li> <li>6. Prof Saartjie Grobbelaar</li> <li>7. Prof Bernd Fisher</li> <li>8. Prof Steve Kroon</li> </ol>	<ol style="list-style-type: none"> <li>1. CSIR Co-Chair: Dr Adnan Abu Mahfouz</li> <li>2. Prof Fulufhelo Nelwamondo</li> <li>3. Mr Lucas Gumbi</li> <li>4. Dr Happy Sithole</li> <li>5. Dr Njabulo Siyakatshana</li> <li>6. Dr Erick Dube</li> <li>7. Mr Xolisa Ngwadla</li> <li>8. Ms Chanel Schoeman</li> <li>9. Dr Moses Cho</li> <li>10. Dr Santosh Ramchuran</li> <li>11. Ms Pinda Sifunda</li> <li>12. Mr Saddam Matanzima</li> </ol>	<ol style="list-style-type: none"> <li>1. AUDA-NEPAD Co-Chair: Dr Talla Kebe</li> <li>2. Mr Andson Nsune</li> </ol>

<p><b>Workgroup 4</b>  <a href="#">Click here to join the workgroup 4</a>            After the opening session</p>	<p><b>SU Participants</b>  <a href="#">Click here to join the workgroup 4</a>            After the opening session</p>	<p><b>CSIR Participants</b>  <a href="#">Click here to join the workgroup 4</a>            After the opening session</p>	<p><b>AUDA-NEPAD</b>  <a href="#">Click here to join the workgroup 4</a>            After the opening session</p>
<p><b>WG 4 Theme: Enterprise development (e-commerce; product development and commercialisation; Markets and Trade; ICT infrastructure)</b></p> <p><b>Cross-cutting priorities to be considered: Data, Education, Skills Development, Training.</b></p> <p>Rapporteur(s): x2</p> <ol style="list-style-type: none"> <li>1. Dr Anton Du Preez Van Staden</li> <li>2. ...</li> </ol>	<ol style="list-style-type: none"> <li>1. SU Co-Chair: Prof Johan Fourie</li> <li>2. Prof Linus Opara</li> <li>3. Prof Johann Gorgens</li> <li>4. Prof Ian Cloete</li> <li>5. Prof Marius Ungerer</li> </ol>	<ol style="list-style-type: none"> <li>1. CSIR Co-Chair: Dr Ntsibane Ntlatlapa</li> <li>2. Ms Yoliswa Kula</li> <li>3. Mr Boyse Pillay</li> <li>4. Charl Harding</li> </ol>	<ol style="list-style-type: none"> <li>1. AUDA-NEPAD Co-Chair: Dr. Mohamed Abdisalam</li> </ol> <p>Ms. Treasure Maphanga</p>
<p><b>Workgroup 5</b>  <a href="#">Click here to join the workgroup 5</a>            After the opening session</p>	<p><b>SU Participants</b>  <a href="#">Click here to join the workgroup 5</a>            After the opening session</p>	<p><b>CSIR Participants</b>  <a href="#">Click here to join the workgroup 5</a>            After the opening session</p>	<p><b>AUDA-NEPAD</b>  <a href="#">Click here to join the workgroup 5</a>            After the opening session</p>
<p><b>WG5 Workgroup 5: Governance and security (e-Government, Communication and ICT)</b></p> <p><b>Cross-cutting priorities to be considered: Data, Education, Skills Development, Training.</b></p> <p>Rapporteur(s): x2</p> <ol style="list-style-type: none"> <li>1. Dr Nqobile Masondo</li> <li>2. ...</li> </ol>	<ol style="list-style-type: none"> <li>1. SU Co-Chair: Prof Sam Tshehla</li> <li>2. Prof Pregala (Solosh) Pillay</li> <li>3. Prof Francois Vrey</li> <li>4. Prof Ursula van Beek</li> <li>5. Prof Abel Esterhuysen</li> </ol>	<ol style="list-style-type: none"> <li>1. CSIR Co-Chair: Ms Khungeka Njobe</li> <li>2. Dr Paul Lochner</li> <li>3. Prof Linda Godfrey</li> <li>4. Matthew Chetty</li> <li>5. Dr Tirusha Thambiran</li> <li>6. Dr Mario Marais</li> <li>7. Dr Laticha Walters</li> <li>8. Dr Jacob Medupe</li> </ol>	<ol style="list-style-type: none"> <li>1. AUDA-NEPAD Co-Chair: Mr. Samuel Timpo</li> </ol>
<p>15:15 - 15 mins each)</p>	<p><b>Feedback by groups</b>            Link to the main meeting - <a href="#">Click here to join the main meeting</a></p>		<p>Dr Ndumiso Cingo and Mr Martin Bwalya</p>
<p>16:45 (15 mins)</p>	<p><b>Way forward and roadmap</b></p>	<p>Dr Talla Kebe, Ms Khungeka Njobe and Prof Eugene Cloete</p>	

## MEMBER STATES PRIORITIES

### HEALTH ~ 74%

- Reducing maternal, neo-natal and under 5 mortality rates
- Reducing the incidence of malaria
- ◆ Reducing new HIV infections
- ★ Reducing the incidence of TB
- ▲ Prevalence of underweight among children
- ⚙️ Curbing child labour, child marriage and human trafficking
- † Reducing gender-based discrimination and violence
- Increasing access to safe drinking water to the population

### INDUSTRIALISATION ~ 52%

- Increasing Agriculture production and productivity
- Increase Manufacturing value added as % of GDP

### EDUCATION ~ 55%

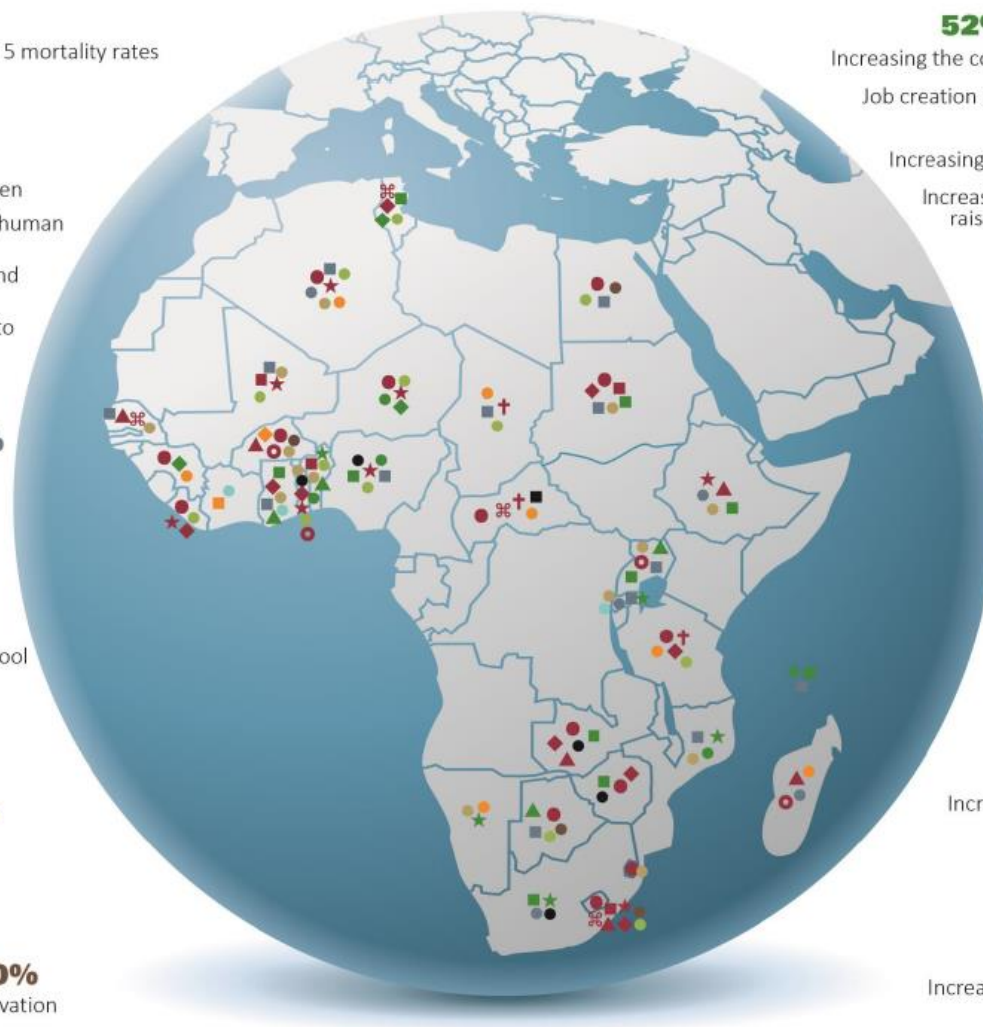
- Increasing pre-school and secondary school enrolment rates

### DATA, MONITORING & EVALUATION ~ 42%

- Strengthening the statistics, monitoring and evaluation systems

### SCIENCE, TECHNOLOGY AND INNOVATION ~ 10%

- Promoting Science, Technology and Innovation



### 52% ~ ECONOMIC INTEGRATION

- Increasing the contribution of the fisheries sector to the GDP
- Job creation and reducing unemployment rates especially among youth
- ◆ Increasing the contribution of total tax revenue to GDP
- ★ Increasing the proportion of resources mobilisation raised through innovative financing mechanisms in the national budget
- ▲ Increase in the contribution of Tourism to the national GDP

### 3% ~ TECHNOLOGY AND DIGITIZATION

- Increasing access to the internet

### 29% ~ GOVERNANCE

- Strengthening institutions and leadership for enhanced service delivery
- Measures that will enhance the general public's confidence in elections
- ◆ Strengthening anti-corruption and accountability measures

### 19% ~ INFRASTRUCTURE

- Increasing electricity generation and distribution
- Increasing infrastructure connectivity

### 10% ~ TERRESTRIAL AND INLAND WATER

- Increasing the percentage of terrestrial and inland water areas preserved

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