

## Harmonization of African ICT/Telecommunications policy and regulatory frameworks

### List of domains and sub-domains

Working Group (WG)	Sub-domains	Champions (Lead)	Members
<b>WG1: Telecom</b>	<ul style="list-style-type: none"> <li>• Tariffs</li> <li>• Interconnection</li> <li>• Fraud deterrence and management</li> <li>• Over-the-Top Services management</li> <li>• Frequency Spectrum management</li> <li>• Numbering Resource Management</li> <li>• Telecommunications standards                             <ul style="list-style-type: none"> <li>○ Quality of Service Management (Voice and Data Services)</li> <li>○ Infrastructure standards</li> </ul> </li> </ul>		
<b>WG2: Infrastructure Development, Connectivity and Governance</b>	<ul style="list-style-type: none"> <li>• Broadband development                             <ul style="list-style-type: none"> <li>○ Rollout of national fibre optic backbones</li> <li>○ Mobile broadband networks</li> <li>○ Introduce last mile solution including FTTH</li> <li>○ Satellite infrastructure development</li> </ul> </li> <li>• National &amp; Regional Internet exchange points (develop hubs and transit centres)</li> <li>• Cross border connectivity (Interconnect national fibre optic backbones)</li> <li>• International connectivity</li> <li>• Infrastructure sharing and interconnection</li> <li>• Development of locally relevant content</li> <li>• Internet Governance</li> </ul>		
<b>WG3: Numbering and Internet Resources Planning and allocations</b>	<ul style="list-style-type: none"> <li>• Scarce resources management</li> <li>• ccTLD management</li> <li>• Harmonised short codes</li> <li>• Rescue operations short code</li> <li>• Colour codes to mobile cellular operators assignment</li> <li>• Mobile Number Portability</li> <li>• IP Numbers addressing with ICANN &amp; other relevant international/regional bodies</li> </ul>		

	<ul style="list-style-type: none"> <li>• Migration from IPV4 to IPV6</li> </ul>		
<b>WG4: Cyber Security and online privacy</b>	<ul style="list-style-type: none"> <li>• Cyber Security</li> <li>• Public Key Infrastructure</li> <li>• Personal data protection</li> <li>• National Computer Emergency Response Team (CERTs)/Computer Incident Response Team</li> <li>• Child Online Protection</li> <li>• Critical Infrastructure and Information Protection (CIIP)</li> <li>• Regional collaboration</li> </ul>		
<b>WG5: Broadcasting development</b>	<ul style="list-style-type: none"> <li>• Analog to digital migration</li> <li>• Digital broadcasting development</li> <li>• African content development</li> <li>• Radio frequency coordination</li> <li>• Harmful interferences elimination</li> <li>• QoS for terrestrial digital broadcasting</li> <li>• Technical standards for digital broadcasting</li> <li>• Emerging multimedia services</li> </ul>		
<b>WG6: ICT Services and e-applications</b>	<ul style="list-style-type: none"> <li>• e-transactions management</li> <li>• e-Government</li> <li>• e-Commerce</li> <li>• e-banking</li> <li>• e-government</li> <li>• e-learning</li> <li>• e-agriculture</li> <li>• e-health</li> <li>• e-tourism</li> <li>• e-payments / m-payments</li> </ul>		
<b>WG7: Postal Services development</b>	<ul style="list-style-type: none"> <li>• Postal sector development</li> <li>• National Geographic Addressing Systems and Postcodes</li> </ul>		
<b>WG8: Emerging technologies</b>	<ul style="list-style-type: none"> <li>• Big Data and Analytics</li> <li>• FinTech</li> <li>• Cloud computing &amp; Data Center Infrastructure</li> <li>• Drones and robotics</li> <li>• Artificial intelligence</li> <li>• Sharing Economy</li> <li>• Blockchain technology</li> <li>• Mobile Payments</li> <li>• Smart Cities and sensor networks</li> <li>• Internet of Things</li> </ul>		
<b>WG9: Digital</b>	<ul style="list-style-type: none"> <li>• Digital Empowerment</li> </ul>		

<p><b>Inclusion</b></p>	<ul style="list-style-type: none"> <li>○ Increasing affordable and broadband-enabled smart devices</li> <li>○ Digital literacy promotion</li> <li>○ ICT awareness</li> <li>○ ICT enabled school curriculum</li> <li>● Disability Rights</li> <li>● Universal access and universal service <ul style="list-style-type: none"> <li>○ Connecting and equipping schools, universities, community access points, health centres, public markets, public libraries, museums, cultural centres and post offices</li> <li>○ Developing local government websites and e-mail infrastructure</li> <li>○ Increasing access to television and radio services</li> </ul> </li> </ul>		
<p><b>WG10: Others domains</b></p>	<ul style="list-style-type: none"> <li>● E-waste Management</li> <li>● Consumer Protection</li> <li>● Emergency Response</li> </ul>		