

ITU - NCA (Ghana)
15th – 19th November, 2021
 GMT

PROGRAM SCHEDULE

15 th November, 2021 GMT	
09:00 – 10:15hrs	<p><i>Welcoming remarks</i></p> <p><i>Welcoming speech ITU</i></p> <p><i>Welcoming speech NCA</i></p> <ul style="list-style-type: none"> • Director General • Regional Director for Africa <p>Session 1</p> <p>ITU Updates</p> <p>Objective: To promote updates on Conformity and interoperability Thematic Priority and Theory of Change.</p> <p>The ITU activities on C&I with focus on Pillars 3 & 4 of the C&I programme and CITP updates</p> <p>ITU - Mr. Keith Mainwarring</p>
10:15 - 10:25hrs	<i>Break</i>
10:25 – 11:40hrs	<p>Session 1 cont'd</p> <p>ITU Updates</p> <p>Objective: To promote updates on Conformity and interoperability Thematic Priority and Theory of Change.</p> <p>The ITU activities on C&I with focus on Pillars 3 & 4 of the C&I programme and CITP updates</p> <p>ITU - Mr. Keith Mainwarring</p>
11:40 – 12:20hrs	<i>Lunch</i>
12:20 – 13:35hrs	<p>Session 2: Country experience</p> <p>Objective: to share experiences, opportunities and challenges</p> <ul style="list-style-type: none"> • Country A • Country B • Country C • Country D • Country E • Country F

	<ul style="list-style-type: none"> Country G, etc
	<i>Break</i>
13:45 – 15:00hrs	<p><i>Session 2: cont'd</i></p> <p>Experience Cont'd</p> <p>Objective: to share experiences, opportunities and challenges</p> <ul style="list-style-type: none"> Country A Country B Country C Country D Country E Country F Country G, etc
16th November 2021	
9: 00 - 10:15hrs	<p>Session 3: Policy and regulation of Conformity and Interoperability establishment/development</p> <p>Objective: Development and review of Regulatory Framework and Roadmap for establishment of C&I regimes</p> <ul style="list-style-type: none"> Telecommunication Act provisions Methodology to calculate fees for Type Approval process including issue and/or renewal of Certification Procedures to secure safe usage and marketing of authorized ICT devices by Administrations Coordination and harmonization of C&I regime with other national Regulatory agencies <p>NCA</p>
10: 15 - 10:25hrs	<i>Break</i>
10:25 - 11:40hrs	<p>Session 3: Policy and regulation of Conformity and Interoperability establishment/development</p> <p>Objective: Development and review of Regulatory Framework and Roadmap for establishment of C&I regimes</p> <ul style="list-style-type: none"> Telecommunication Act provisions Methodology to calculate fees for Type Approval process including issue and/or renewal of Certification Procedures to secure safe usage and marketing of authorized ICT devices by Administrations Coordination and harmonization of C&I regime with other national Regulatory agencies <p>NCA</p>

11:40 – 12:20hrs	Lunch
12:20 – 13:35hrs	<p>Session 4:</p> <p>Legal aspect of Conformity and Interoperability</p> <p>Objective: Law enforcement and surveillance, safeguard, post-market surveillance</p> <ul style="list-style-type: none"> • Telecommunication/ICTs Act provisions: placing products in the market; institutions rights and responsibilities • Legislation to promote orderly equipment marketplace surveillance • Coordination across Regulatory Agencies • Relevant international standards <p>NCA</p>
13:35 – 13:45hrs	Break
13:45 – 15:00hrs	<p>Session 4: Legal aspect of Conformity and Interoperability</p> <p>Objective: Law enforcement and surveillance, safeguard, post-market surveillance</p> <ul style="list-style-type: none"> • Telecommunication/ICTs Act provisions: placing products in the market; institutions rights and responsibilities • Legislation to promote orderly equipment marketplace surveillance • Coordination across Regulatory Agencies • Relevant international standards <p>NCA</p>
17th November 2021	
09:00 - 10:15hrs	<p>Session 5: Guidelines of Type Approval Regulation</p> <p>Objective: Framework and initial implementation roadmap for settling type approval system including certification and services</p> <ul style="list-style-type: none"> • Introduction to type Approval and requirements • Legal framework • C&I Infrastructure • Initial implementation roadmap • Type Approval and homologation process • Import procedures for testing proposals • Equipment type Approval • Type Approval and conformity of production • Administrative Procedures of type approval • Certification and Self-declaration processes • Roadmap to establish a procedure for type approval testing • Approach for conformity and Interoperability testing • Market Surveillance and Enforcement • Consultation process and procedure • Fees and payment

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<i>10:15 - 10:25hrs</i>	<i>Break</i>
<i>10:25 - 11:40hrs</i>	<p>Session 5: Guidelines of Type Approval Regulation</p> <p>Objective: Framework and initial implementation roadmap for settling type approval system including certification and services</p> <ul style="list-style-type: none"> • Introduction to type Approval and requirements • Legal framework • C&I Infrastructure • Initial implementation roadmap • Type Approval and homologation process • Import procedures for testing proposals • Equipment type Approval • Type Approval and conformity of production • Administrative Procedures of type approval • Certification and Self-declaration processes • Roadmap to establish a procedure for type approval testing • Approach for conformity and Interoperability testing • Market Surveillance and Enforcement • Consultation process and procedure • Fees and payment <p style="text-align: center;">NCA</p>
<i>11:40 – 12:20hrs</i>	<i>Lunch</i>
<i>12:20 – 13:35hrs</i>	<p>Session 6: Guidelines of C&I Regimes (Conformity and Interoperability frameworks)</p> <p>Objective: enhance capacity focusing on international issues related to the C&I Regimes.</p> <ul style="list-style-type: none"> • Regulatory Framework • ICT standards and test suites • Type Approval, Certification and self – declaration process • Regulatory Authority • Accreditation Bodies, Certification Bodies and laboratory • Mutual Recognition Agreement/Arrangement (MRAs) • Institutions • Roadmap <p style="text-align: center;">NCA</p>
<i>13:35 – 13:45hrs</i>	<i>Break</i>
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18th November 2021	
09:00 - 10:15hrs	<p>Session 7: Conformity and Interoperability of Internet of Things in the 4th Industrial Revolution</p> <p>Objective: To enhance utilization of internet as a tool to help achieve results and not a threat.</p> <ul style="list-style-type: none"> • Introduction to IoT • Difference between M2M and IoT • Legal framework • Infrastructure • Initial implementation roadmap • Conformity and interoperability of Internet of Things • Characteristics, Applications and challenges of Internet of Things • Benefits of conformity and interoperability of IoT • IoT interoperability testing • Conformity and Interoperability of Internet of Things process • Networking technologies and protocols • Standardization of Internet of Things • IoT Business Model • IoT Architecture <p style="text-align: center;">AFRINIC</p>
10: 15 - 10:25hrs	<i>Break</i>
10: 25 - 11:40hrs	<p>Session 7: Conformity and Interoperability of Internet of Things in the 4th Industrial Revolution</p> <p>Objective: To enhance utilization of internet as a tool to help achieve results and not a threat.</p> <ul style="list-style-type: none"> • Introduction to IoT • Difference between M2M and IoT • Legal framework • Infrastructure • Initial implementation roadmap

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11:40 – 12:20hrs	<i>Lunch</i>
12: 20 - 13:35hrs	<p>Session 8: Mutual Recognition Agreement/Arrangement (MRA)</p> <p>Objective: To develop a global network of Conformity assessment bodies key to international trade to promote cross boarder stakeholder confidence and acceptance of accredited conformity assessment bodies.</p> <ul style="list-style-type: none"> • General Introduction • Principles • Efficiency and Effectiveness • Partnership and collaboration • Frameworks and Mutual Benefits • Regional Developments <p>Guidance on</p> <ul style="list-style-type: none"> • Development • Implementation • Management <p style="text-align: center;">NCA</p>
13: 35 - 13:45hrs	<i>Break</i>
13: 45 - 15:00hrs	<p>Session 8: Mutual Recognition Agreement/Arrangement (MRA)</p> <p>Objective: To develop a global network of Conformity assessment bodies key to international trade to promote cross boarder stakeholder confidence and acceptance of accredited conformity assessment bodies.</p> <ul style="list-style-type: none"> • General Introduction • Principles • Efficiency and Effectiveness • Partnership and collaboration • Frameworks and Mutual Benefits • Regional Developments <p>Guidance on</p> <ul style="list-style-type: none"> • Development • Implementation • Management

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19th November 2021	
<i>9: 00 - 10:15hrs</i>	<p>Session 9: Written test</p> <p>Objective: evaluate understanding and knowledge transfer</p> <p style="text-align: center;">ITU/NCA</p>
<i>10: 15 - 10:25hrs</i>	<i>Break</i>
<i>10: 25 - 11:40hrs</i>	<p>Session 9: Written test</p> <p>Objective: evaluate understanding and knowledge transfer</p> <p style="text-align: center;">ITU/NCA</p>
<i>11:40 – 12:20hrs</i>	<i>Lunch</i>
<i>12: 20 - 13:35hrs</i>	<p>Session 10: Brainstorming, Q&A and Evaluation and closure</p> <p>Objective: evaluation of the course from participants including discussion focusing on pressing issues and topics for the next training</p> <p>ITU/NCA</p>
<i>13: 35 - 13:45hrs</i>	<i>Break</i>
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