



AFRICAN ADVANCED LEVEL TELECOMMUNICATIONS INSTITUTE (AFRALTI)

TRAINING WORKSHOP OUTLINE

Title:	National Addressing System, National Development and e-Commerce
Dates:	18th to 29th September 2017
Duration:	10 Days
Venue:	AFRALTI, Nairobi, Kenya
Tuition Fee:	USD1,800 for AFRALTI Member States; USD2,160 for Non-Member States

Course Overview: NATIONAL ADDRESSING SYSTEM IS THE KEY TO E-COMMERCE, E-FINANCE, E-NAVIGATION AND MODERN POSTAL SERVICES. Governments are shifting to e-government systems and the internet and mobile technology has broken down barriers to communication and the way people interact and transact business. All these require ability to trace people or businesses to a location for deliveries and other services. This course will expose participants to the four components of National systems namely: Parent (Primary) addressing, Child (Secondary) addressing, Postcode system and Road signage and how they relate to national development, emergency, security, finance and postal/courier services. It will address policies that NAS requires to be put in place by the regulatory authority.

Target Audience: Communications Regulator Managers, Courier/Mail Service Regulator Managers, Road/Highway Regulator Managers, Physical Planners

Pre-requisite/s: Management Responsibility

Pain Points: Lack of knowledge in National Addressing System

Value Proposition: Better Understanding of need for NAS and applicable policies

Methodology: Presentation/Discussions

Workshop Objectives: To provide participants with sufficient information about National Addressing System and policy framework.

Workshop Learning Outcomes: A clear understanding of role of NAS, NAS related policies and how the system works

Workshop Contents/Topics:

WEEK 1: NATIONAL ADDRESSING SYSTEM

Day 1	<ol style="list-style-type: none">1. Global Perspective of NAS2. Role of NAS3. Legal Mandate and NAS Policy<ol style="list-style-type: none">a. Current legal mandateb. Ideal mandate for NASc. NAS Policy Formulation4. NAS Components5. Parent (Primary) Addressing and Property Numbering6. Road Naming and Policy framework7. Placement of property number signs and Policy framework8. Policy framework for Parent (Primary) addresses9. Maps/ Zoning/Minimum stand (plot) size
Day 2	<ol style="list-style-type: none">1. Child (Secondary) Addressing2. Gated/Apartment Communities3. Rural/Informal Settlements4. Military/Diplomatic corps/Landmarks5. Address assignment certificates6. Proof of Physical address7. Fees / charges for addresses
Day 3	<ol style="list-style-type: none">1. Postcode: Distribution model and Delivery area model and Designing a postcode system2. Road Signage and Markings: Introduction /Policy Framework3. Spatial Data management / Policy Framework for NAS (Parent, Child, Postcode, Road Signage): GIS Enabled NAS App Software, Data and Imagery Sources4. Implementing a complete integrated NAS and related services: Strategy, Last Mile, E-commerce capacity.5. GIS : Geographic Information Systems<ol style="list-style-type: none">a. NAS (Spatial Data) and National Developmentb. GIS ENABLED NAS SOFTWARE APPS<ol style="list-style-type: none">i. Field data collection tools for NASii. Data collection and management GIS softwareiii. Data management and Data sharing Policyiv. Analytics and Applications of GIS in Public and Private Sector
DAY 4	Practical Work (Field trip recommended): <ol style="list-style-type: none">1. Addressing Principles and Property Numbering2. Road Signage Principles as seen on the roads and properties
DAY 5	<ol style="list-style-type: none">1. Group Work<ol style="list-style-type: none">a. NAS Componentsb. NAS Policyc. NAS Standards2. African Countries Progress on NAS,3. Pilots in African countries.4. Discuss Delegates Issues relating to Implementation of NAS

WEEK 2: NATIONAL DEVELOPMENT AND E-COMMERCE

Day 1	<ol style="list-style-type: none"> 1. NATIONAL DEVELOPMENT AND UN SUSTENABLE DEVELOPMENT GOALS (SDGs) 2. NATIONAL DEVELOPMENT PRIORITIES Vs 17 SDGs AND MEASURABLE INDICATORS AND DATA SETS: DATA, MAPS & IMAGERY 3. NAS, GIS AND NATIONAL SPATIAL DATA INFRASTRUCTURE (NSDI) 4. BENCHMARK NSDI PROJECTS 5. UN-GGIM AND Africa Chapter
Day 2	<ol style="list-style-type: none"> 1. NATIONAL DEVELOPMENT LINK TO NAS STRATEGY AND FUNDING 2. AFRICAN DEVELOPMENT BANK HIGH FIVES PRIORITIES 3. DATA COLLECTION STRATEGY AND POLICY
Day 3	<ol style="list-style-type: none"> 1. E-COMMERCE: GLOBAL PERSPECTIVE 2. E-COMMERCE TECHNOLOGY <ol style="list-style-type: none"> a. Need for technology b. Operations c. E-commerce Gateway 3. POSTAL / COURIER SERVICES FOR E-COMMERCE <ol style="list-style-type: none"> a. Delivery to Physical Address & Returns including Policy b. Last-Mile Delivery c. Collection Centers and Automated Collection Lockers d. Door to Door Marketing Services and NAS e. Business Hubs, Empowerment of Rural/Local Communities and Customer Care Platform f. Packaging and pre-paid delivery charges model
DAY 4	<ol style="list-style-type: none"> 1. WAREHOUSING solutions FOR E-COMMERCE <ol style="list-style-type: none"> a. Need for Warehousing b. Ownership Vs Agents c. Business Model 2. NAS Enabled GIS Software Applications for e-commerce
DAY 5	<ol style="list-style-type: none"> 1. African Countries Progress on E-commerce, 2. Review Training Material 3. Discuss Delegates Issues relating to National Development

For more information, please contact us on

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