

**AfNOG @ AfREN 2008**

# AfNOG at a glance

- Just ended AfNOG-2008 workshop
  - 100 students from 28 countries
  - 12 potential instructors being inducted this year
  - About 35% of students from academia
  - 1 known Regulator attended
- Next AfNOG@Cairo, Egypt in the journey from Cape to Cairo.....
  - 10<sup>th</sup> Anniversary of AfNOG workshops and meetings

# AfNOG AfREN MOU

- 3 pillars: technical capacity, local community development & AfNOG participation

Pillar 1: Technical Capacity Development for IT staff to be able to characterize networks, administer systems, manage networks and perform bandwidth optimization operations

# AfNOG AfREN MOU - 1

Pillar 2: Develop a community in a locale who provide instruction to students in the locale and start to influence academic curriculum.

Pillar 3: Link of local community with AfNOG for good students in locale to apply for workshops and also train instructors for the locale

# AfNOG/AfREN Meeting Budget

- \$25K per year for 3 yrs - IDRC
- 14 expert resource persons per event

Leverage AfNOG event for space and facilities

- Nairobi – start
- Abuja – actionable items + exchange
- Rabat – progress + new actions + exchange

# AfNOG Plays

- 1,3 4 (leverage on the existing community, Enhance communication, Sharing of best practices) : These events budgeted by AfNOG
- 8 (awareness raising of senior decision makers): PHIE site visits
- 16 (localize the technology transfer by taking AfNOG home) : PHIE Capacity Enhancement
- 17 (action on ground): community building

# PHIE project

Phase 1 - site visits of 12 universities: for skills assessment, network audit, NOC prep etc

Phase 2 a - capacity building-fundamental: e0 + campus best practices, a workshop for 3 persons from 12 institutions

# PHIE continued

Phase 2 b - capacity building-intermediate:  
(sse|sie). NOCs, NOC tools, bandwidth  
management & optimization, campus  
network best practices etc. a workshop for  
3 persons from 12 institutions

phase 3 - NOC setup support

phase 4 - attendance at AfNOG for all

# E0 Localization

- Localize AfNOGs SysAdmin curriculum for building capacity in a locale
  - Targeted at ISOC chapters, Campus NOGs, Country NOGs, Gender and other interested identifiable communities.
  - Localized setups are to work on a self sustainable model which will require a business plan from proponent.
  - Campuses are ideal candidates for E0 localization program

# Conclusion

- Community building (NetOps, RENOs, Policy, Regulators & Consumer)
- Capacity building for ensuring 'clue' during imminent migration towards convergent infrastructure.

# Proposed Action Items

- 1 - AfREN should leverage on the existing community by channeling efforts to building Research and Education Networks;**
- 2 - AfREN should act as a united voice that will help the African ICT dialogue and link to other similar initiatives outside Africa;**
- 3 - Enhance communication among the community;**
- 4 - Sharing of best practices**
- 5 - Joint tactics for leveraging infrastructure, funding opportunities at the national, regional and continental levels**
- 6 - Outreach to government, industry, universities to pool resources, contribute, donate, etc.**

# Proposed Action Items - 1

- 7 - Lobbying organization that put up utilities (power, gas pipeline) to include enough dark fiber and to release free capacity to NRENs;**
- 8 - Road shows for awareness raising of senior decision makers on the importance of NRENs;**
- 9 - AAU to have more links to AU Ministers of Education for sensitization and lobbying;**
- 10 - Create opportunities for lobbying ministries, telcos, regulatory agencies, etc.**
- 11 - Explore possibility to get REN issues on the agenda of NEPAD or another pan-African institution;**

# Proposed Action Items - 2

- 12 - Dark fiber must be identified and used to connect the NREN's ;**
- 13- Survey in order to know where we are;**
- 14- Institution that get their address space from commercial ISP's should get them for their NRENs that are LIR's or from AFRINIC;**
- 15 - More directors to be invited at AfREN meetings;**
- 16- There is a need to localize the technology transfer by taking AfNOG home;**
- 17 - What is needed more is action on the ground**