



Afrinic

The Internet Numbers Registry for Africa

Overview

Adiel A. Akplogan

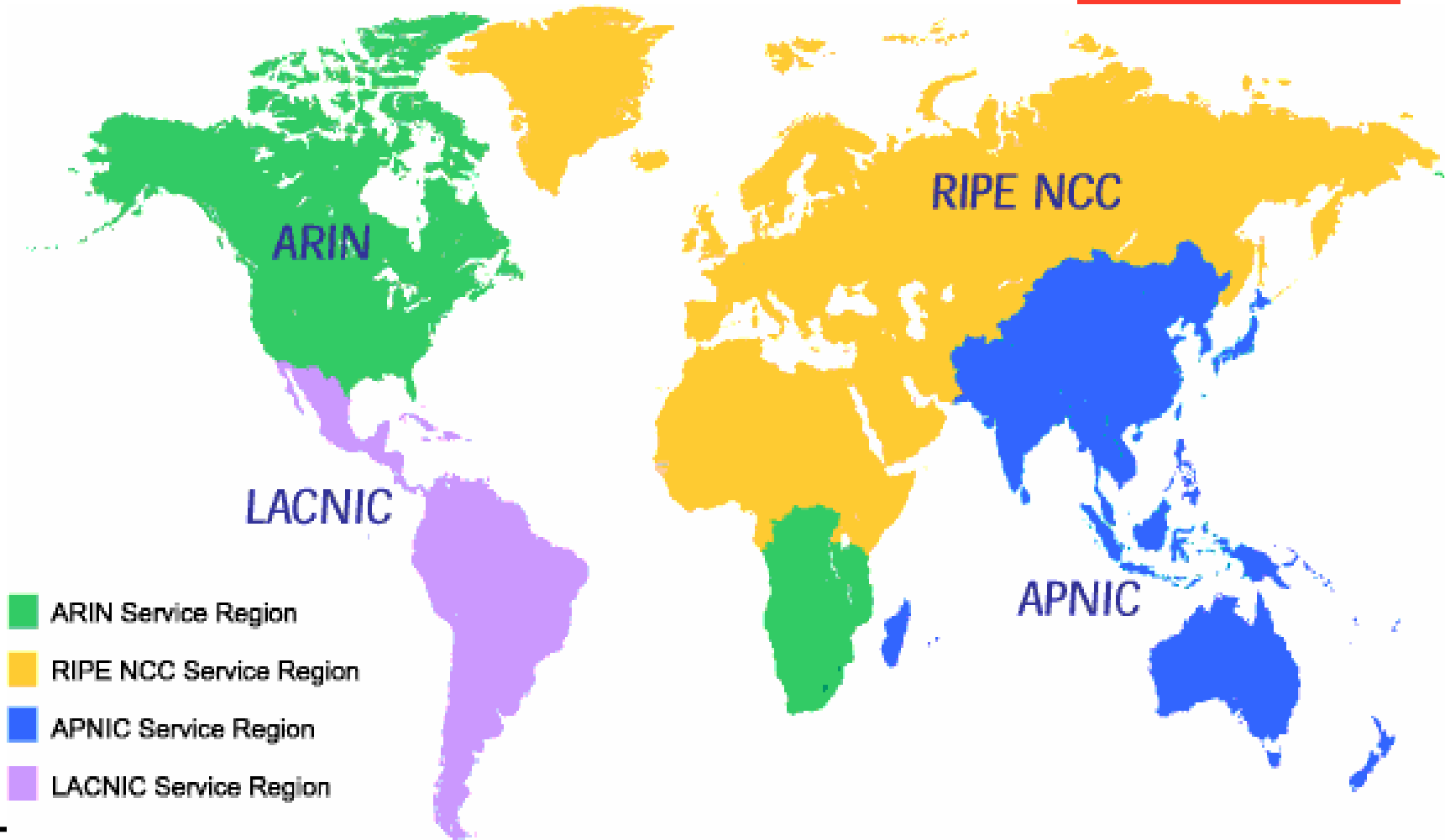
CEO, Afrinic

adiel@afinic.net

Our mission

“To provide professional and efficient distribution of Internet number resources to the African Internet community, to support Internet technology usage and development across the continent and strengthen self Internet governance in Africa by encouraging a participative policy development.”

Why AfrinIC?



Issues

- Lack of coordination on IP resources Management in Africa.
 - Inconsistency in addresses allocation policies.
 - Poor involvement of African stakeholders in IP addresses allocation system.
 - Policy inappropriate for African's Internet environment.
 - Money is sent out of the continent
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Result

- a common addresses allocation policy for Africa.
- a common environment for discussions on IP resources Policy.
- Application of the bottom-up process to allow participation from the local community.
- Adoption of new policies more close to the continent realities.
- Our money stay in Africa to support training and other projects.

Key dates in AfriNIC setup process

- **1997:** First Initiative (Kuala Lumpur)
 - **1998-2000:** Consultations Meetings (Consensus)
 - **2001-2003:**
 - Appointment of an Interim board of Trustees
 - Selection of Hosting countries (ZA,MU,EG,GH)
 - First staff appointed
 - **2004:** Organisational setup and Application to become Regional Internet Registry sent to ICANN
 - **2005:** AfriNIC got accreditation from ICANN and started serving Africa Region.
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AfriNIC transition Process

- We have successfully completed all the transition activities:
 - Transfer of Member from other RIRs.
 - Transfer of IP addresses from other RIRs.
 - Transfer of billing

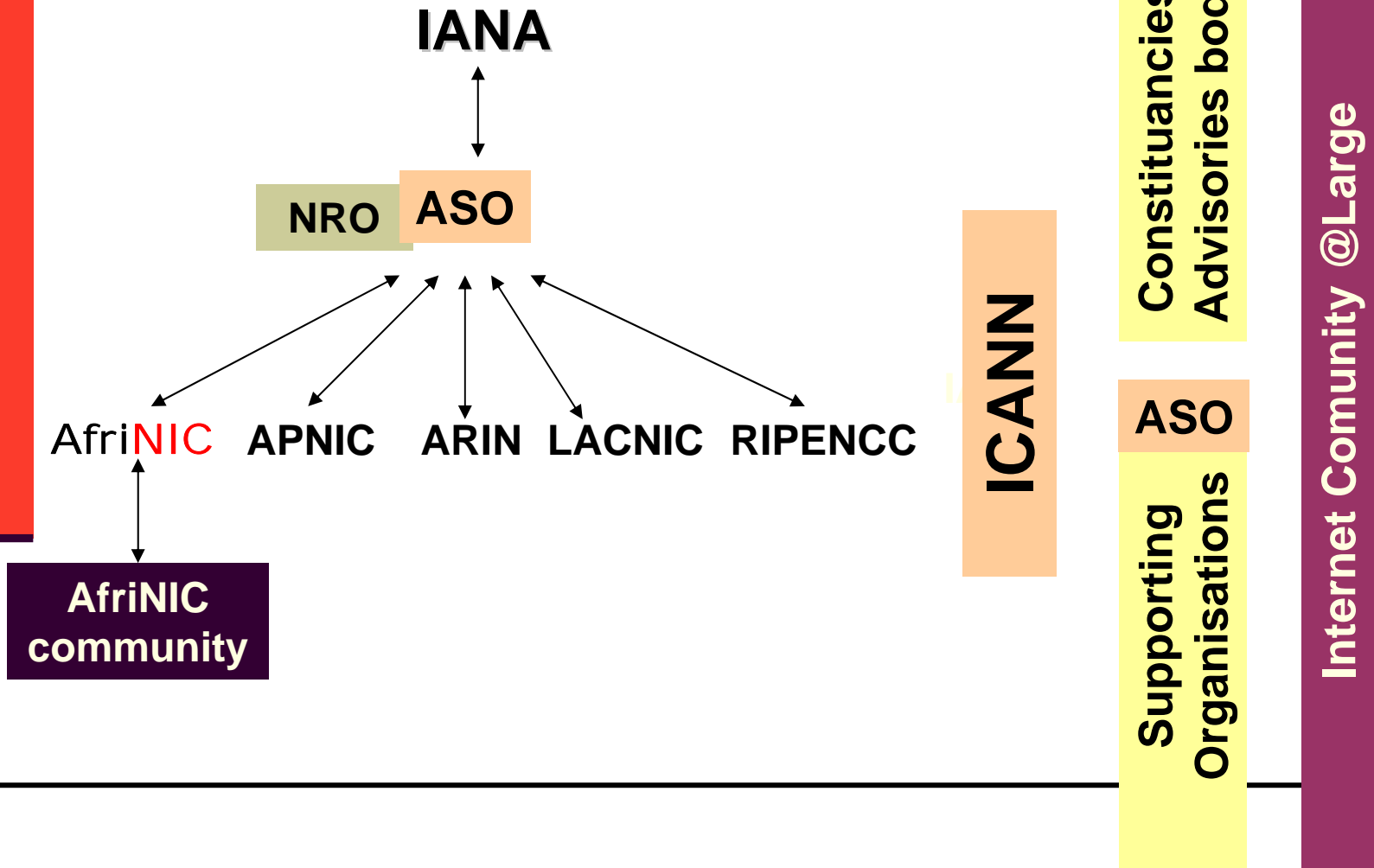
 - We started our full operations 4 months ago with:
 - All requests from Africa being directly handled by AfriNIC operation center
 - Application of our own allocation policies
 - Handling of new membership
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Support received

- During the whole process AfriNIC has received strong support from different governments and organisation:
 - Government of South Africa
 - Government of Mauritius
 - Government of Égypt
 - Government of France (DGCID)
 - Agence Intergouvernementale de la Francophonie (INTIF)
 - ISOC International
 - NSRC

AfriNIC in the International community

- Internet Coordination bodies:



Our core activities

- Allocate IP addresses (V4 and V6) to Network Operators in Africa
 - Evaluate their needs according to adopted policies
 - Allocate a range of IP Numbers (Block)
 - Register these numbers in a public Database
 - Make these information available for Internet core network to allow information to flow from ad to them

 - AfriNIC does not deal with **NAME space** management (domain name) but only **NUMBERS space**.
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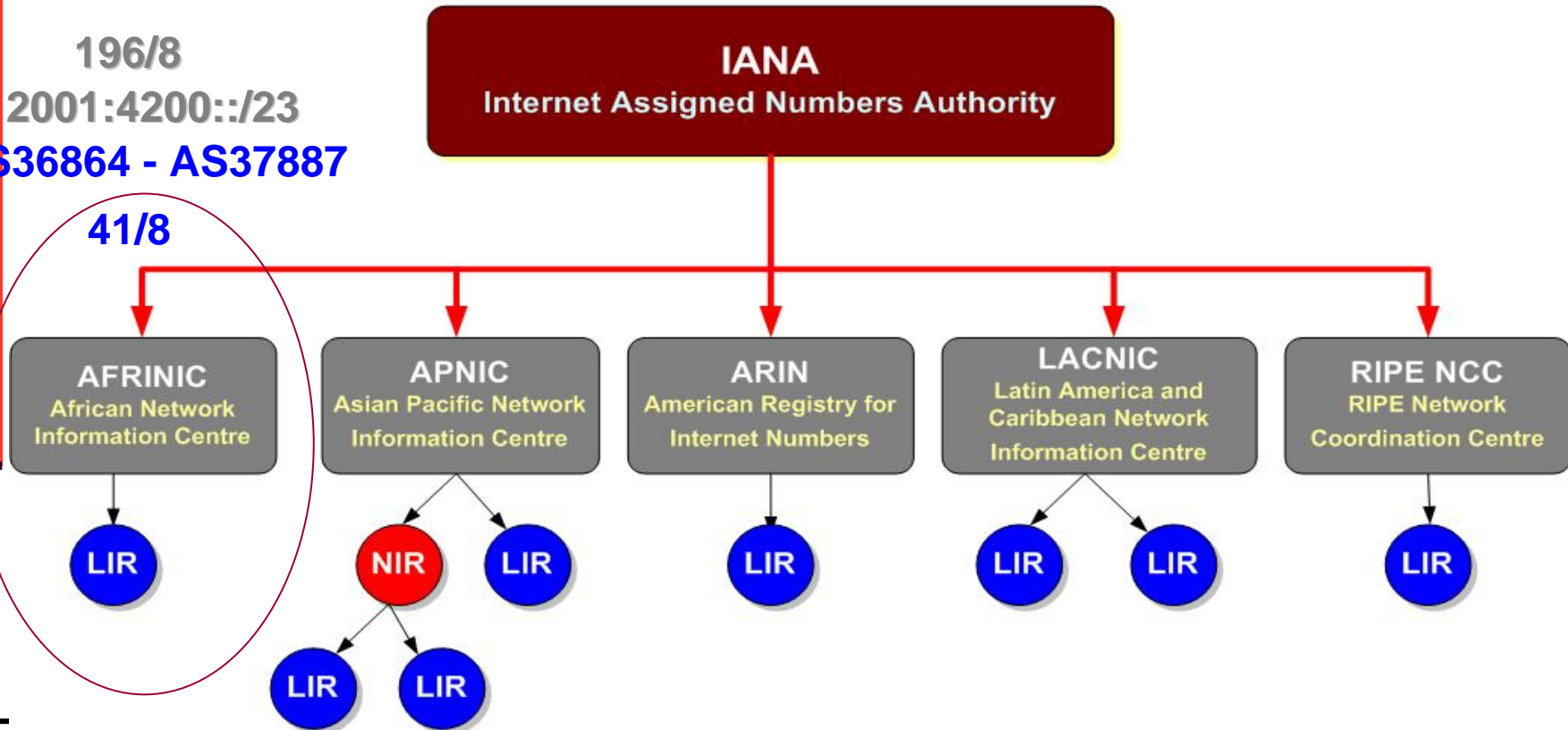
Global IP allocation Hierarchy

Internet Resources Allocation

196/8
2001:4200::/23

AS36864 - AS37887

41/8



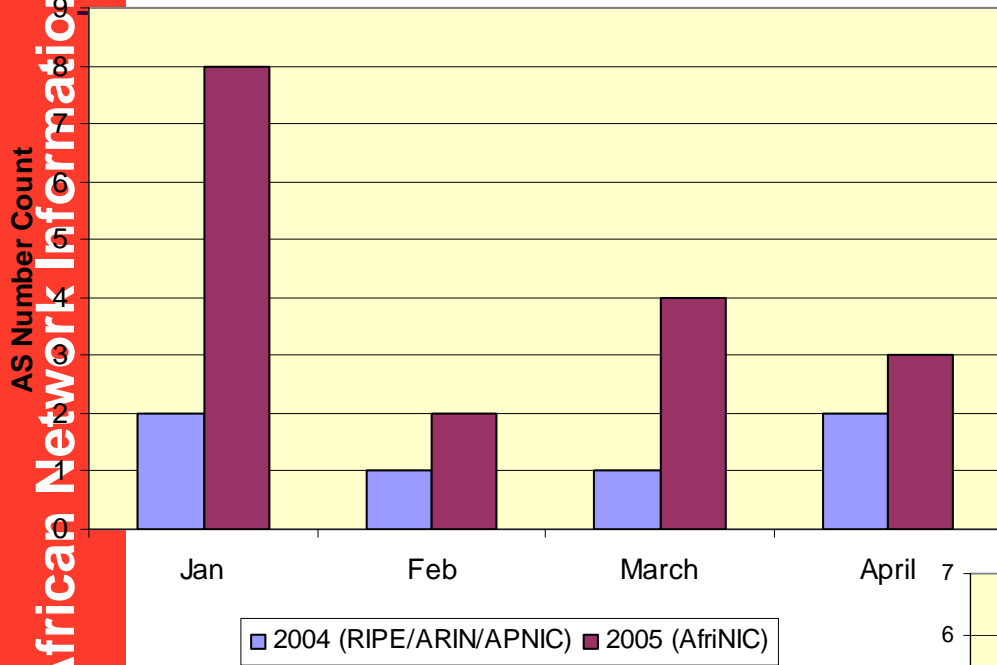
Some challenges

- Outreach
 - Organize more awareness and training events around the continent.
 - Maintain a good level of service
 - hire skilled staff
 - strong and efficient organizational structure
 - Ensure a financial sustainability to the Organization
 - Ensure self financing after incubation period.
 - Drive more participation into Internet Technical coordination process
 - Rely on LIRs and local Internet stockholder to drive more participation into the process
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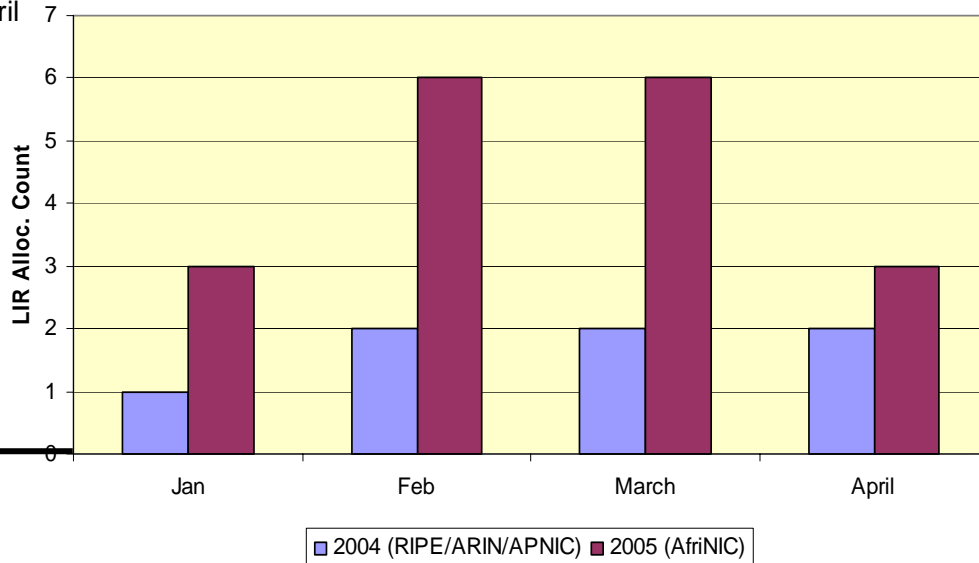
Some results

Q1 2005 vs. Q1 2004:

2004/2005 ASN Assignment Comparison

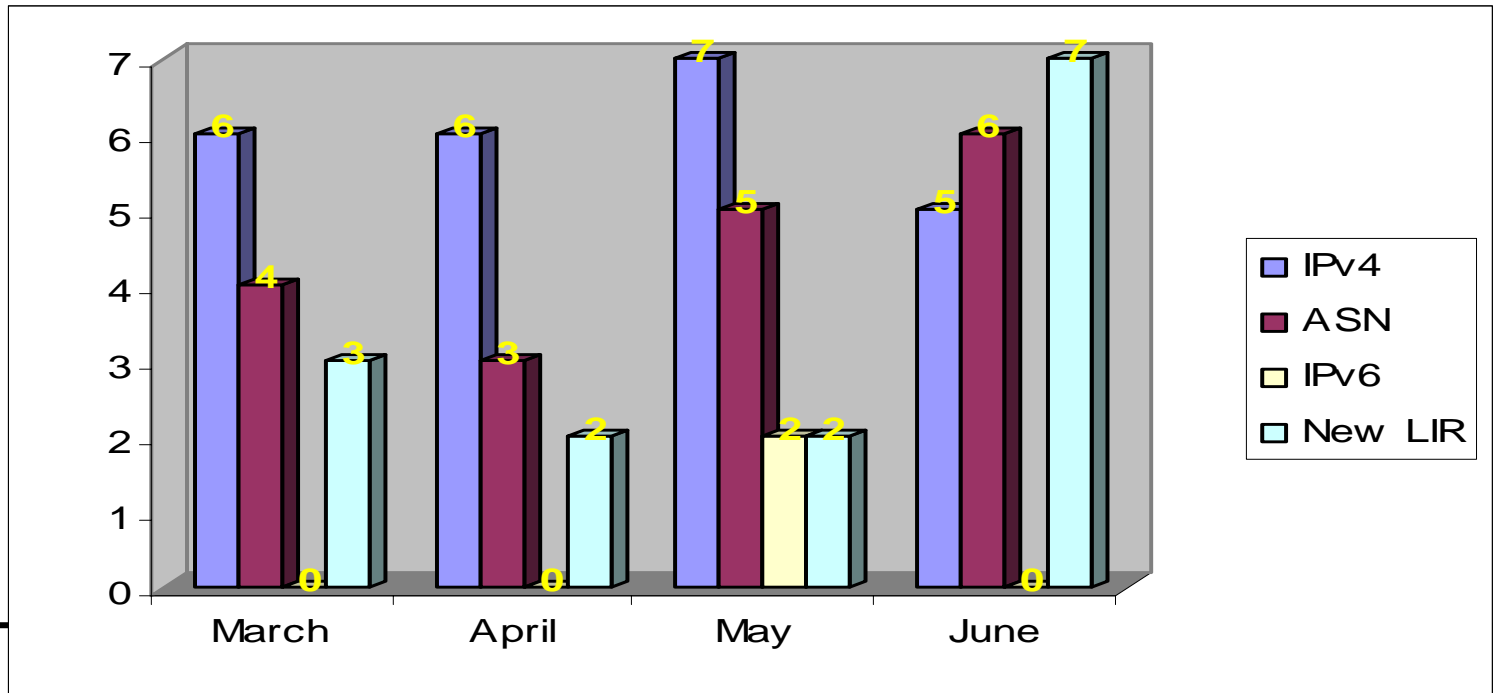


IPv4 LIR/End-User Approvals



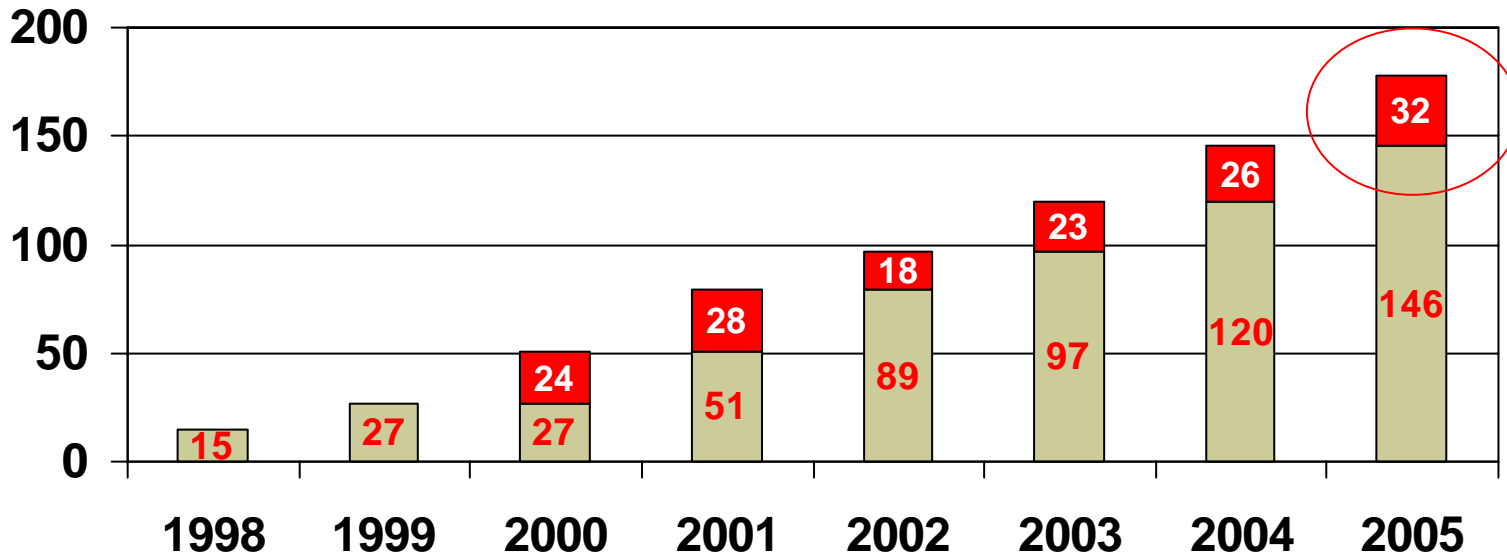
Since February 2005

- We have got:
 - 26 New LIR members
 - Allocations: 18 IPv4 Allocations ~412/22



More Numbers

LIR Growth in Africa (Cumulative)



AfriNIC Structure

- Members -

- West Africa**
 - 1.Pierre Dandjinou (BJ) - **Chair**
 - 2.Sunday Folayan (NG)
- Central Africa**
 - 1.Didier Kasole (CD)
 - 2.Gaetant Bouraga (GA)
- Indian Ocean**
 - 1.Dr. Viv Padayatchy (MU)
 - 2.Keny Yiptong (MU)
- Southern Africa**
 - 1.Alan Barrett (ZA)
 - 2.Alan Levin (ZA)
- North Africa**
 - 1.Kamal Okba (MA)
 - 2.Mokhtar Hamidi (DZ)
- East Africa**
 - 1.Brian Longwe (KE)
 - 2.Charles Mussi (UG)

Board of trustees

Adiel AKPLOGAN
CEO / CTO

Nooriah Woozeer
Administrative Assistant (MU)

WG / Committees

- **Policies**
- **Meetings**
- **Election**
- **Financial**

Harish Gowrisunkur
CFO (MU)

Frank Nnebe
Software Engineer

Ernest Byaruhanga
RS Manager

Conclusion

AfriNIC is a young organization setup through a successful collaboration between public sector, private sector and Civil Society. It needs the full support of the local Community including university and researchers through an active participation to the policy development process for a better management of Internet resources according to the realities on the continent.

Participation to AfriNIC process

- General discussions:
 - afrini-discuss@afriNIC.net

 - Policies discussion
 - policy-wg@afriNIC.net

 - Training and outreach
 - training-discuss@afriNIC.net

 - AfriNIC web site
 - www.afriNIC.net
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Thank you

“The dynamic feathers represent freedom and hope. The black symbolises the earth and the solidity of the African continent, while the red stands for the action, confidence, courage, and vitality at the heart of AfriNIC. Together, the two feathers express the unity of the community.”

- Our Logo -

