
Afrinic in the Internet Governance ecosystem

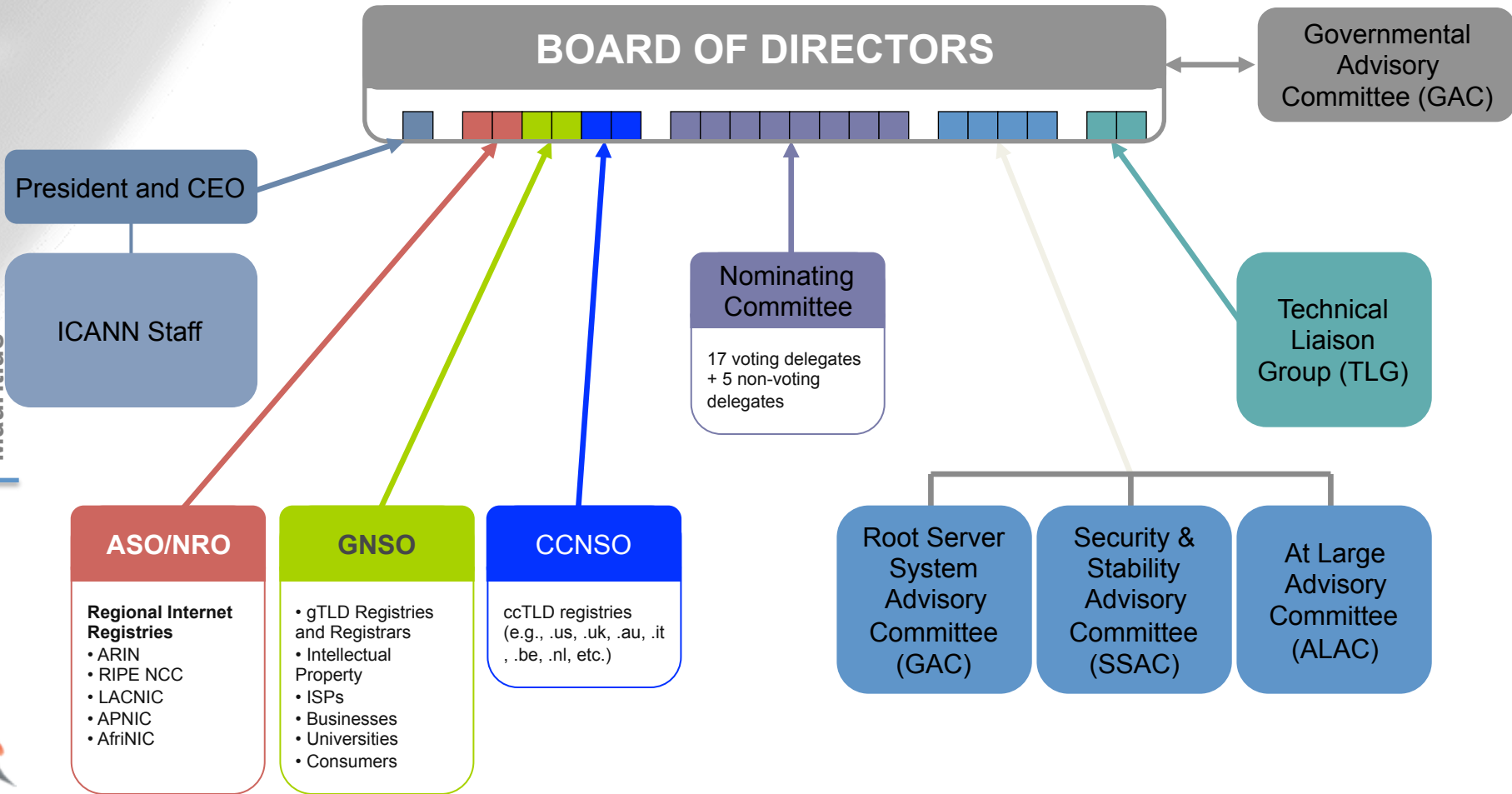
Adiel A. Akplogan
adiel@afriNIC.net / @adielakplogan
Afrinic-15, Yaounde
November 2011

What is it?

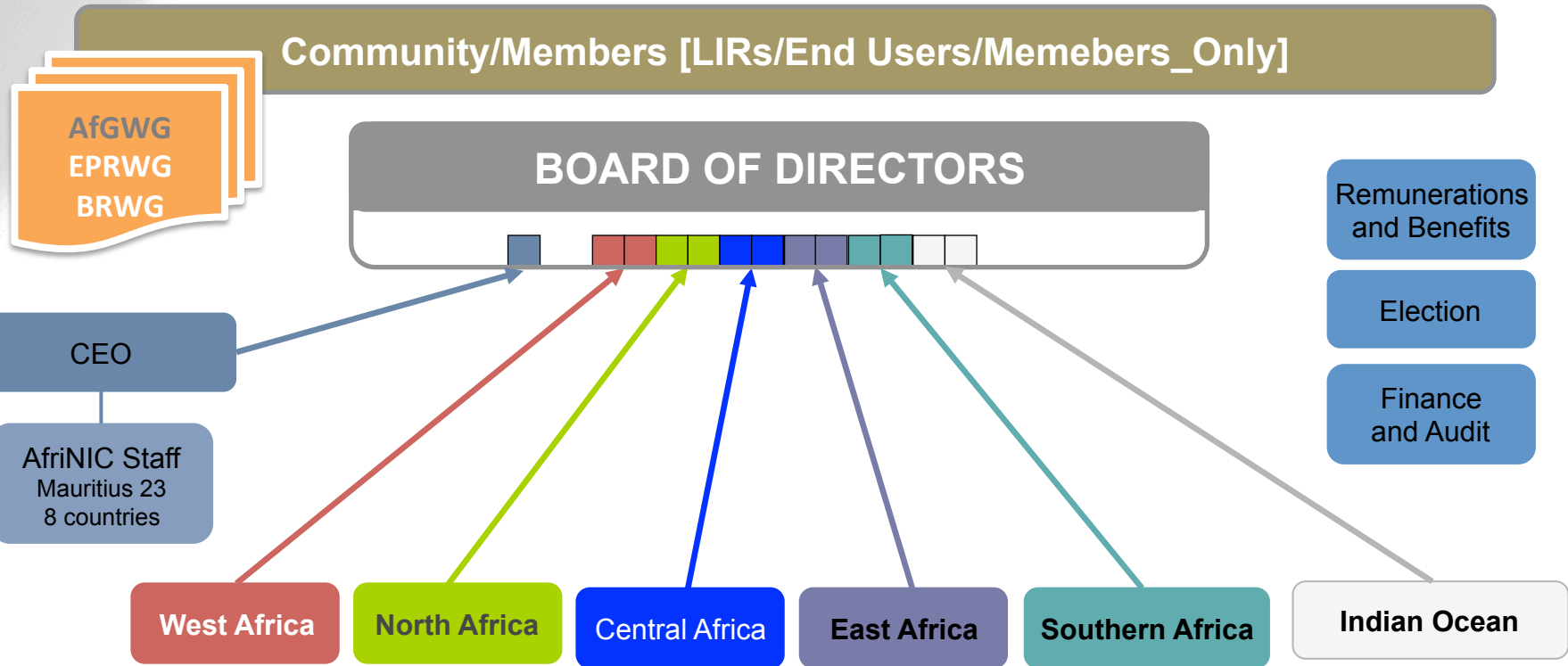
- **Definition**

- *Internet Ecosystem is the term used to describe the organisations and communities that guide the operation and development of the technologies and infrastructure that comprise the global Internet. These organisations share common values for the open development of the Internet.*

ICANN Community



AfriNIC Community



About Afrinic

Internet Numbers Registry function

- ★ Manage IPv4 & IPv6
- ★ Manage ASN (2 and 4 byte)
- ★ Manage rDNS tree for IP prefixes in use by African Operators
- ★ Provide a Public WHOIS
- ★ Contribute to IP address Management Global Policy development

Other Services to the community

- ★ Biannual Internet Protocol meeting: 13 so far in 10 countries
- ★ Internet Infrastructure reinforcement development in Africa:
 - ★ IXP
 - ★ DNS Root Server copy
 - ★ Anycast service to support ccTLDs in Africa
- ★ Support to **academic Networks**

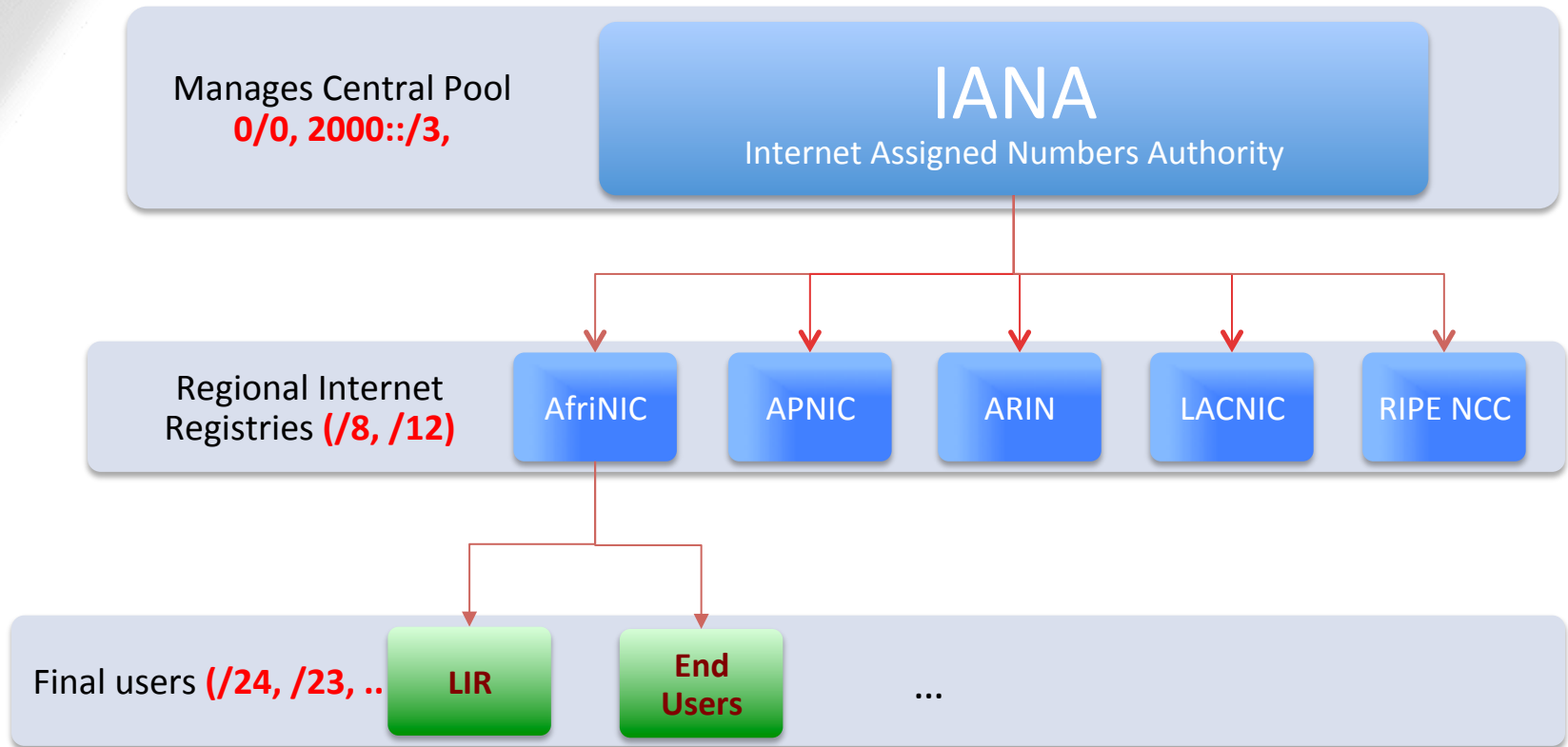
Training: more than 95 training sessions in 40 countries around Africa since 2005.

Setup in 2004 and headquartered in Mauritius. Employs **23 staff** today

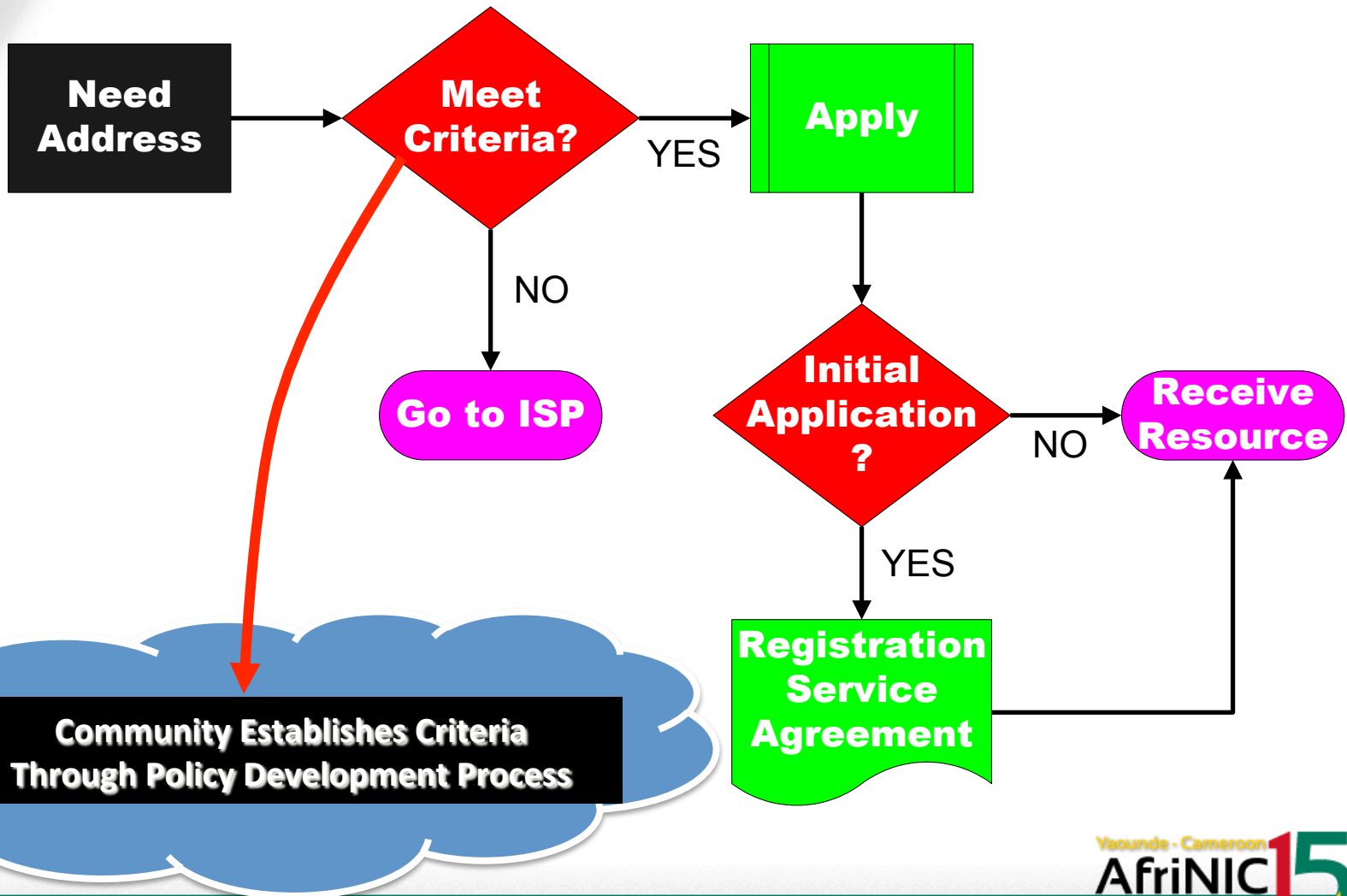
11th Floor
Mauritius



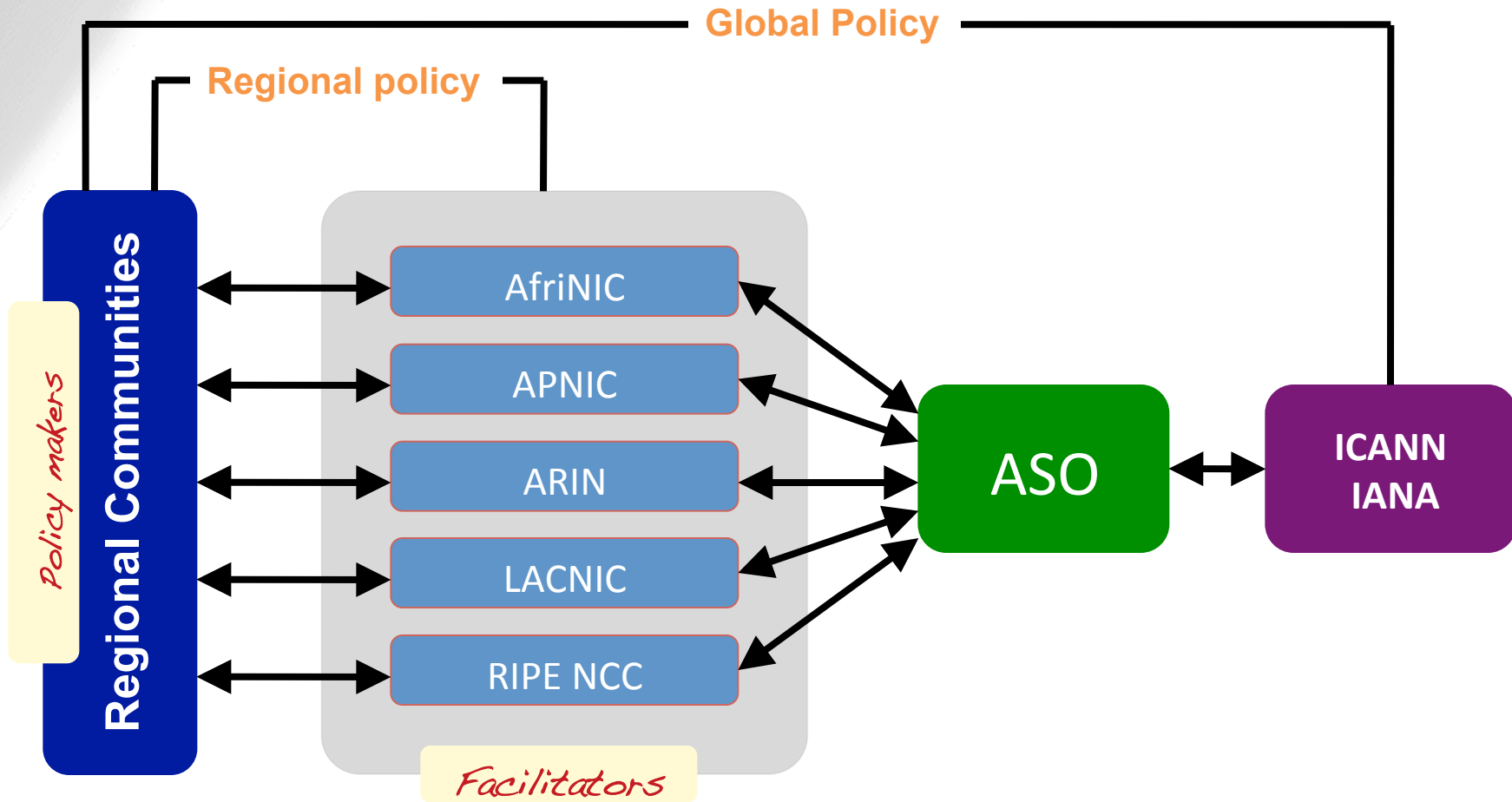
NR provisioning chain



How IP addresses are distributed



How Policies are defined



Guiding Principles

- **Policy Objectives**
 - Conservation
 - Aggregation
 - Uniqueness
- **Administrative Objectives**
 - Neutrality
 - Consistency
 - Impartiality

Thank you

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