Asia Pacific Network Information Centre

APNIC

# APNIC CEOs' Meeting

APNIC 18, Nadi, Fiji

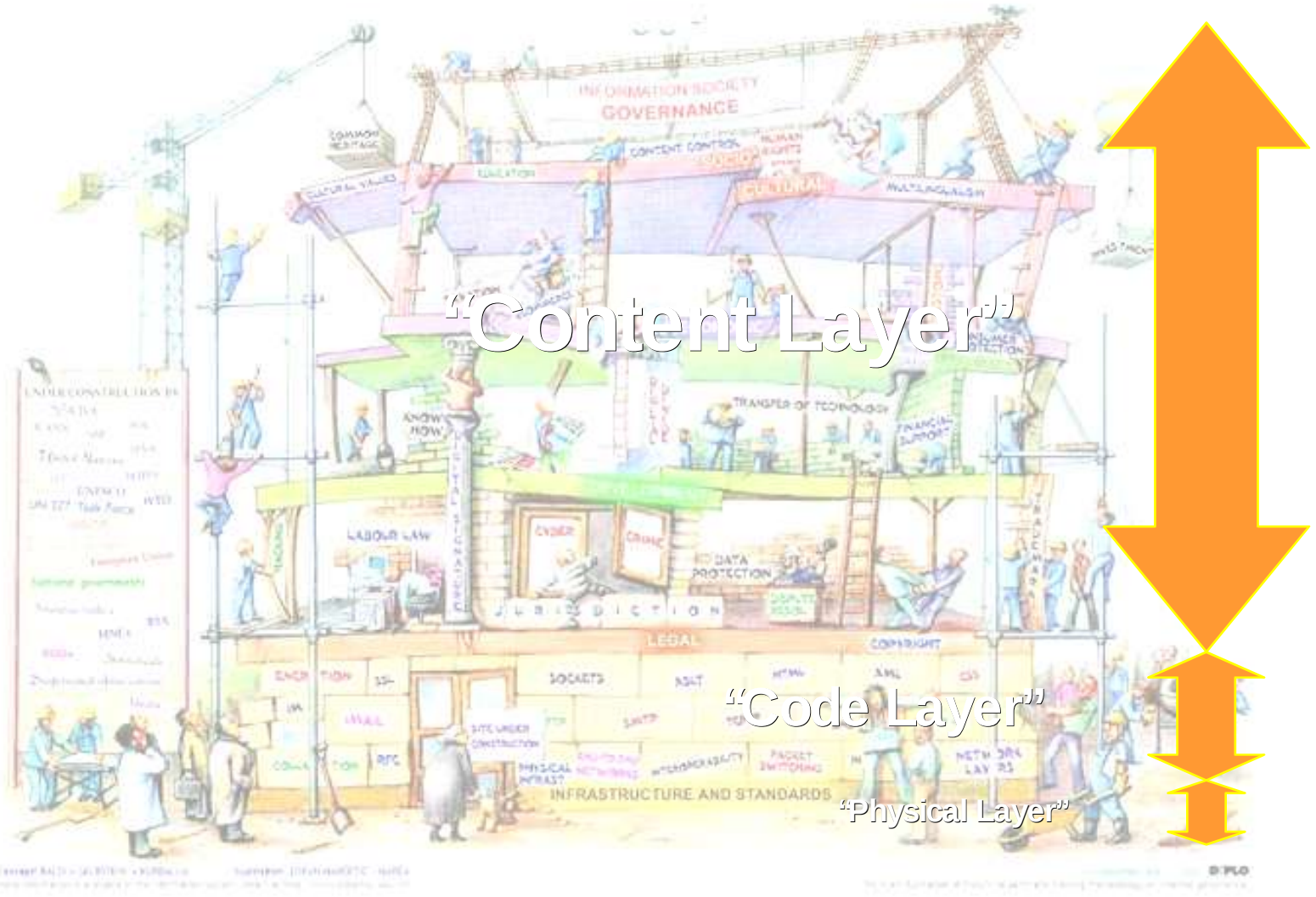
30 August 2004

# APNIC and Internet “Governance”

# What is Internet Governance?

- Includes any aspect of the Internet which requires regulation, coordination or oversight
  - Cybercrime, security, spam and hacking
  - Commerce, trade and taxation
  - Intellectual property
  - Telecommunications regulation, competition policy etc
  - Development and facilitation
  - Technical standards and coordination

# Internet Governance




DiploFoundation www.diplomacy.edu

Lawrence Lessig www.lessig.org



Asia Pacific Network Information Centre
APNIC

# Internet technical coordination

- A.K.A. the “code layer” (Lessig)
- One aspect of Internet governance
  - Internet standards development
  - DNS administration
  - DNS infrastructure coordination
  - IP address and related resource management
- Includes activities of several types
  - Administrative
  - Operational
  - Policy

# Number Resource Organisation

# What is the NRO?

- Number Resource Organisation
  - “Coalition” of all RIRs
- For carriage of joint RIR activities
  - Technical coordination and services
    - DNS, ERX, whois, 6to4, IPv6 unique local …
  - RIR point of contact and representation
  - Global policy coordination
  - Negotiation/liaison with other bodies
    - ICANN, IETF, UN/ITU/WSIS etc
- Independent of ICANN
  - Able to operate with or without ICANN
  - But intended to support and work with ICANN

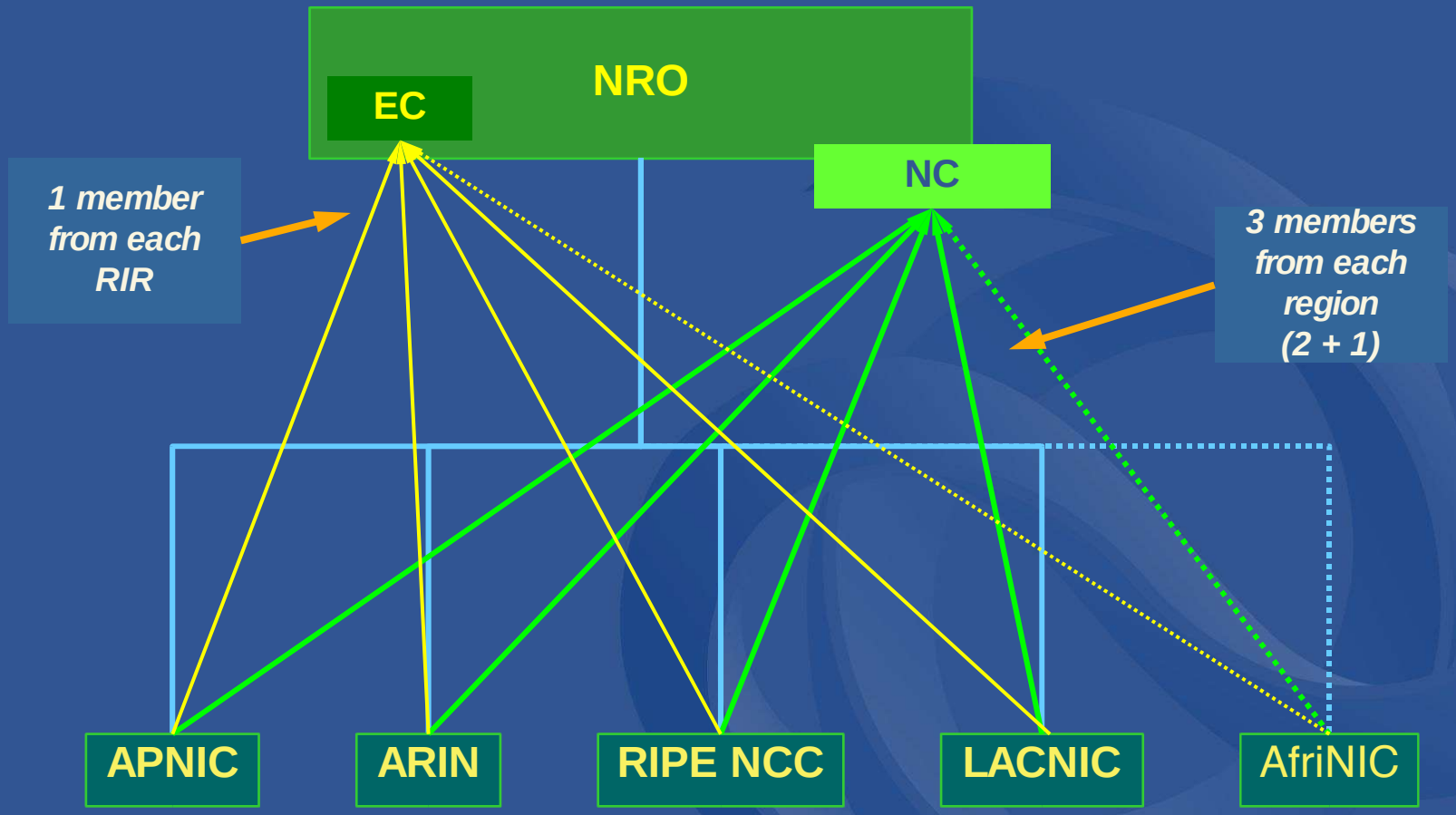
# What is the NRO?

- Established by Memorandum of Understanding (MoU) among 4 RIRs
  - Signed 24 October 2003
  - Following substantial consultation by RIRs
    - RIR boards statements
    - NRO proposal
    - Final comment period
- NRO Incorporation
  - Likely in future

# NRO Numbers Council

- Global Policy Coordination
  - According to NRO's defined Policy Development Process (PDP)
  - Receives global policy proposals
  - Monitors RIR policy processes
  - Endorses policy outcomes, in accordance with RIR policy processes
- Three members from each RIR region
  - 2 members elected by each RIR policy meeting
  - 1 member appointed directly by each RIR
- Not currently active
  - NC and PDP suspended while ASO exists
  - But serve as "placeholders" for future use…

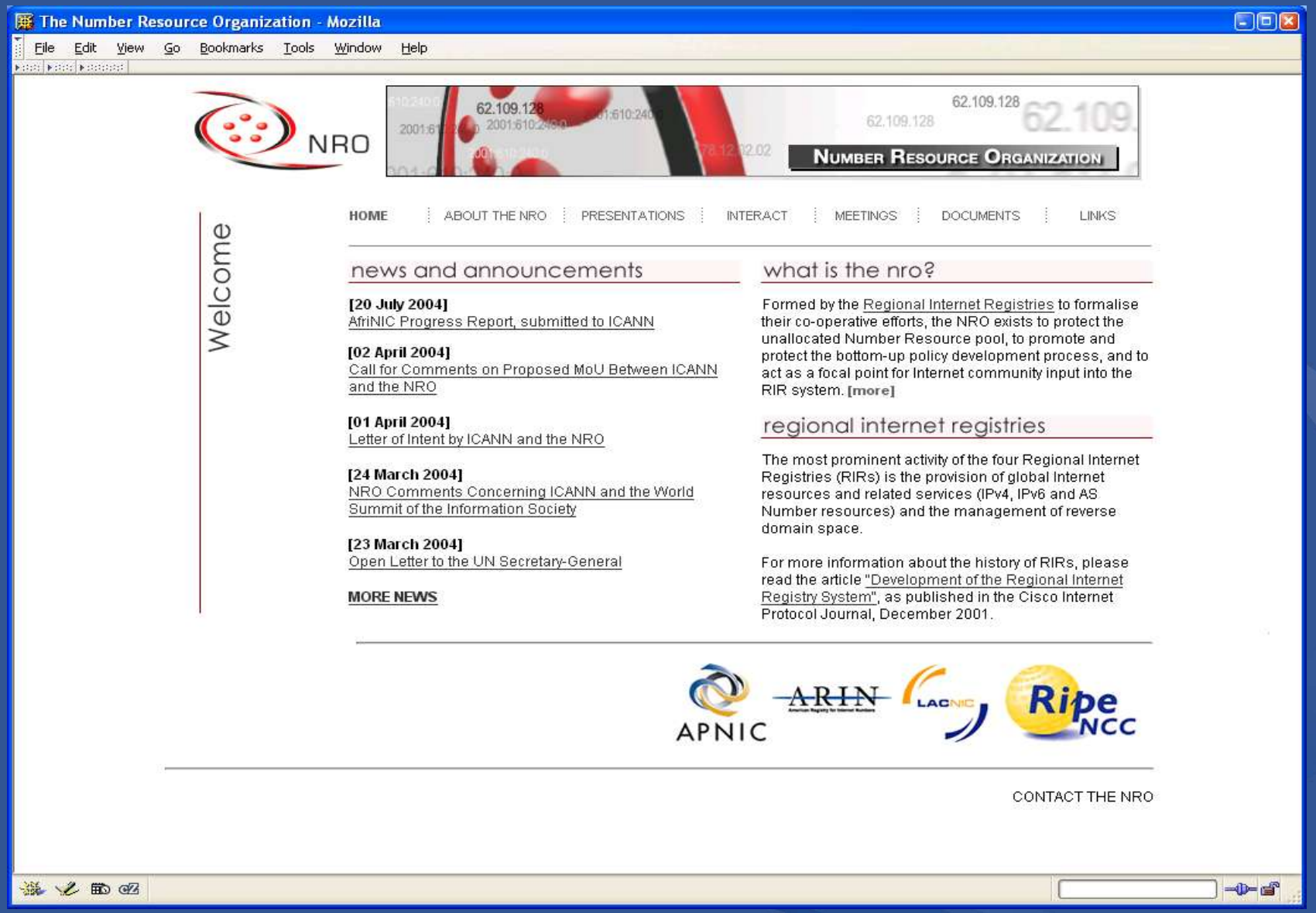
# NRO structure



# NRO status

- EC appointed (RIR CEOs)
  - Paul Wilson, APNIC (Chair)
  - Axel Pawlik, RIPE NCC (Secretary)
  - Raul Echeberría, LACNIC (Treasurer)
  - Ray Plzak, ARIN
  - Active, with regular meetings
- RIR coordination groups formed
  - Engineering
  - Communications
  - Regular meetings underway
- Secretariat established at RIPE NCC
  - Email nro@nro.net

# http://www.nro.net



# Address Supporting Organisation

# What is the ASO?

- Address Supporting Organisation
  - Originally formed in 1999
- One of 3 ICANN supporting organisations
  - Originally, ICANN = ASO+DNSO+PSO
- Responsibility
  - Oversee development of Internet addressing policies globally – but NOT to directly develop policies
  - Refer global address policies to ICANN board
- Other responsibilities
  - Appoint 3 members to ICANN Board
  - Appoint 1 member to ICANN Nomcom

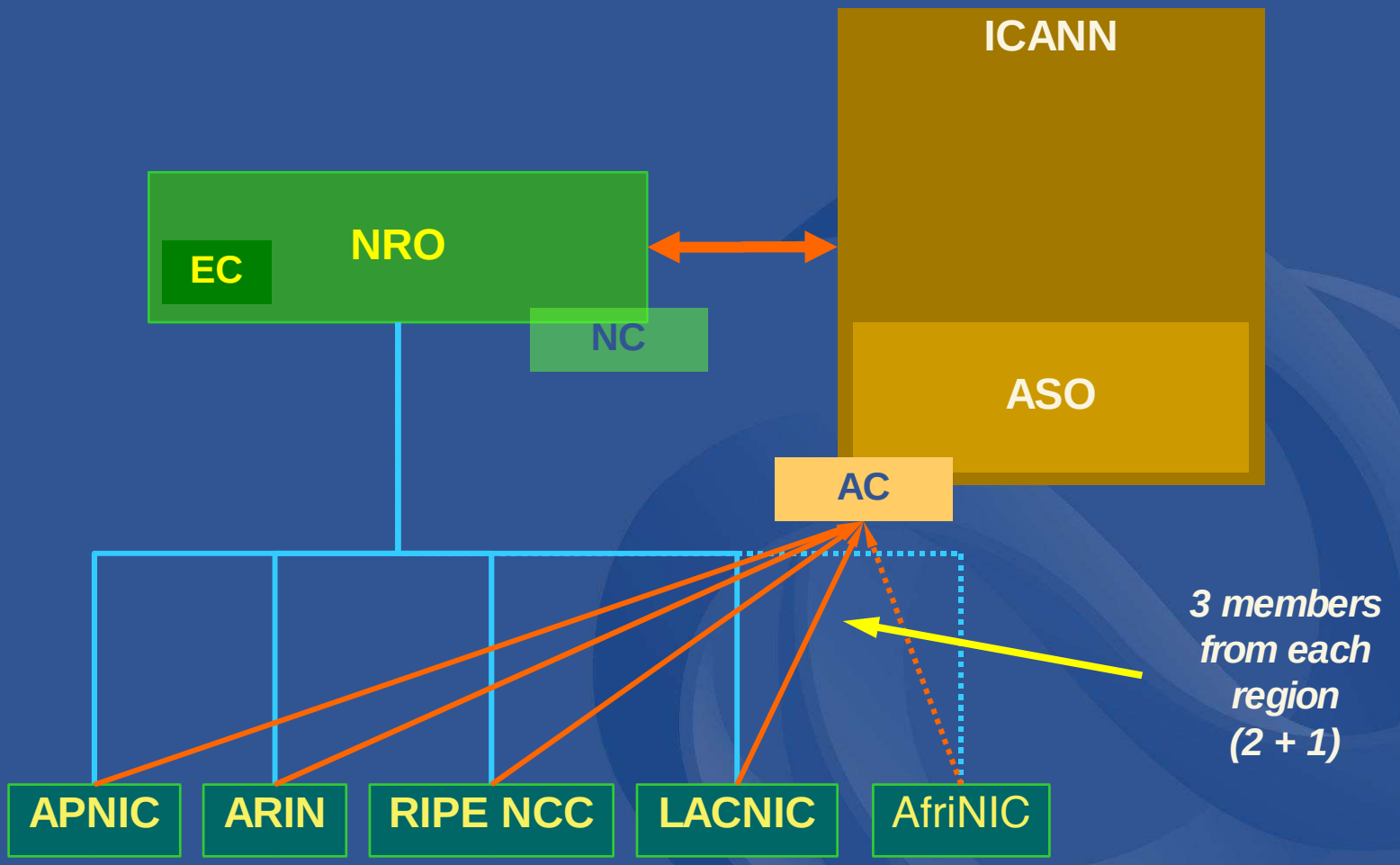
# What is the ASO?

- To be reformed under “ICANN reform”
  - Discussions underway since early 2003
- Structural change required by ICANN Bylaws
  - Now, ICANN = ASO+ccNSO+gNSO
- New/changed responsibilities
  - Appoint 2 members to ICANN Board
  - Appoint liaisons to various ICANN bodies
- RIR concerns
  - Effectiveness of ASO Mk I
  - Security of ICANN and unallocated resource pool

# ASO – proposed MoU

- Established by NRO
  - Under MoU between NRO and ICANN
  - Provides policy coordination structure
- Address Council (AC)
  - Global policy coordination according to the ASO Policy Development Process (PDP)
  - Other roles: appointments, liaisons, etc
- Revised PDP
  - 15 step (max) process
  - Appendix to the ASO MoU
- Note: NRO NC and PDP suspended while ASO provides those functions

# ASO MoU


ICANN
NRO
EC
NC
ASO
AC
3 members from each region (2 + 1)
APNIC
ARIN
RIPE NCC
LACNIC
AfriNIC

# ASO status

- "Letter of Intent" signed with ICANN
  - States intention to sign ASO MoU
  - Subject to ICANN/RIR comment periods
- Draft ASO MoU released and amended
  - Negotiation completed with ICANN staff
  - ICANN board yet to decide its position
- Release by RIRs of funds to ICANN
  - Total of 50% of fees have been paid ($283K)
  - Further payment to be made on signing of ASO agreement (25% proposed)
  - Balance to be paid on establishing service contracts with ICANN

# WSIS

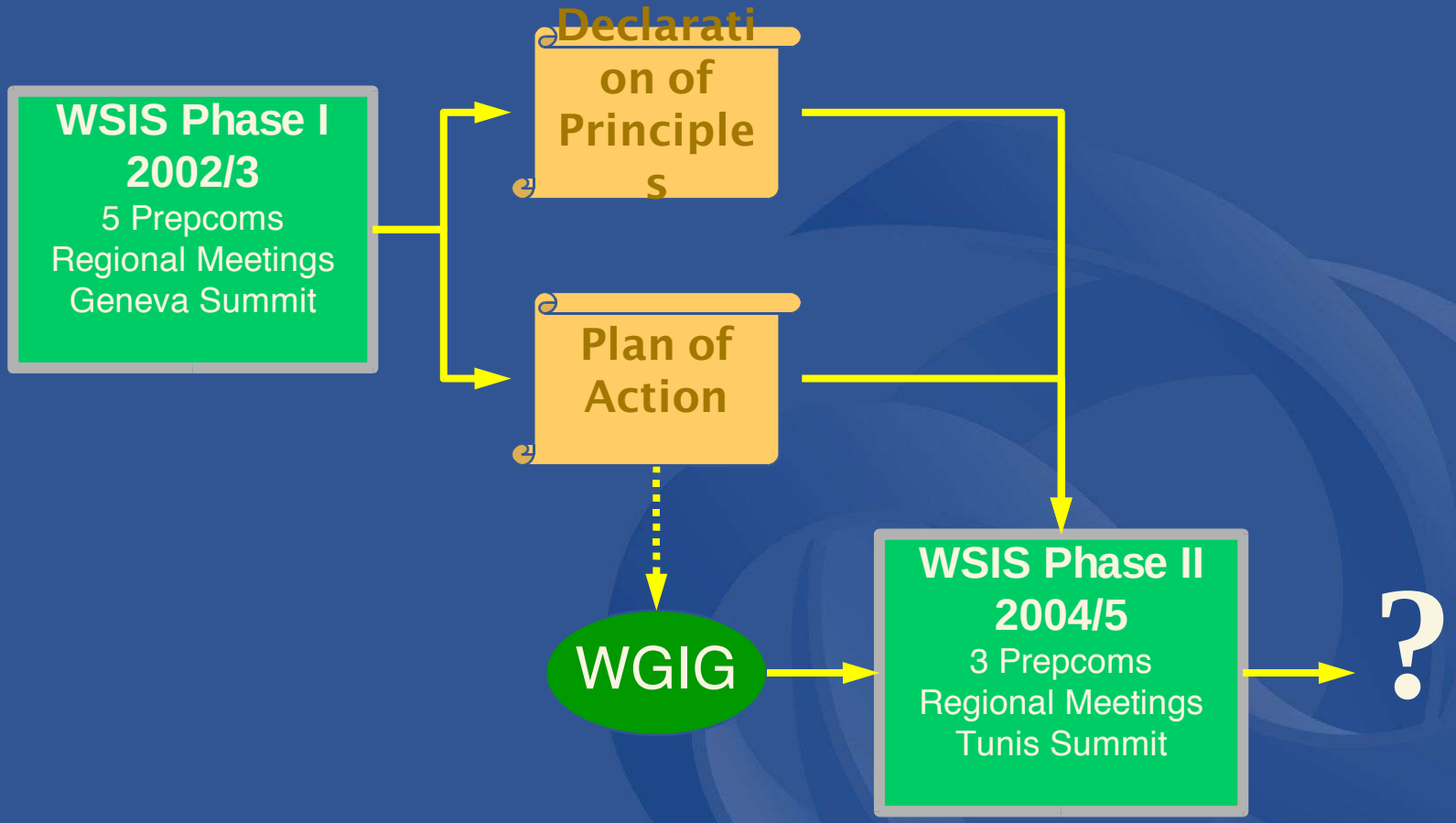
# Background

- World Summit on the Information Society
- Intergovernmental UN summit
  - Concerning all aspects of “ICTs” and social and economic development
  - Maximising benefits and opportunities, minimising adverse impacts
  - Millennium Development Goals (MDGs)
- Two phases
  - Each with multiple regional and global preparatory meetings

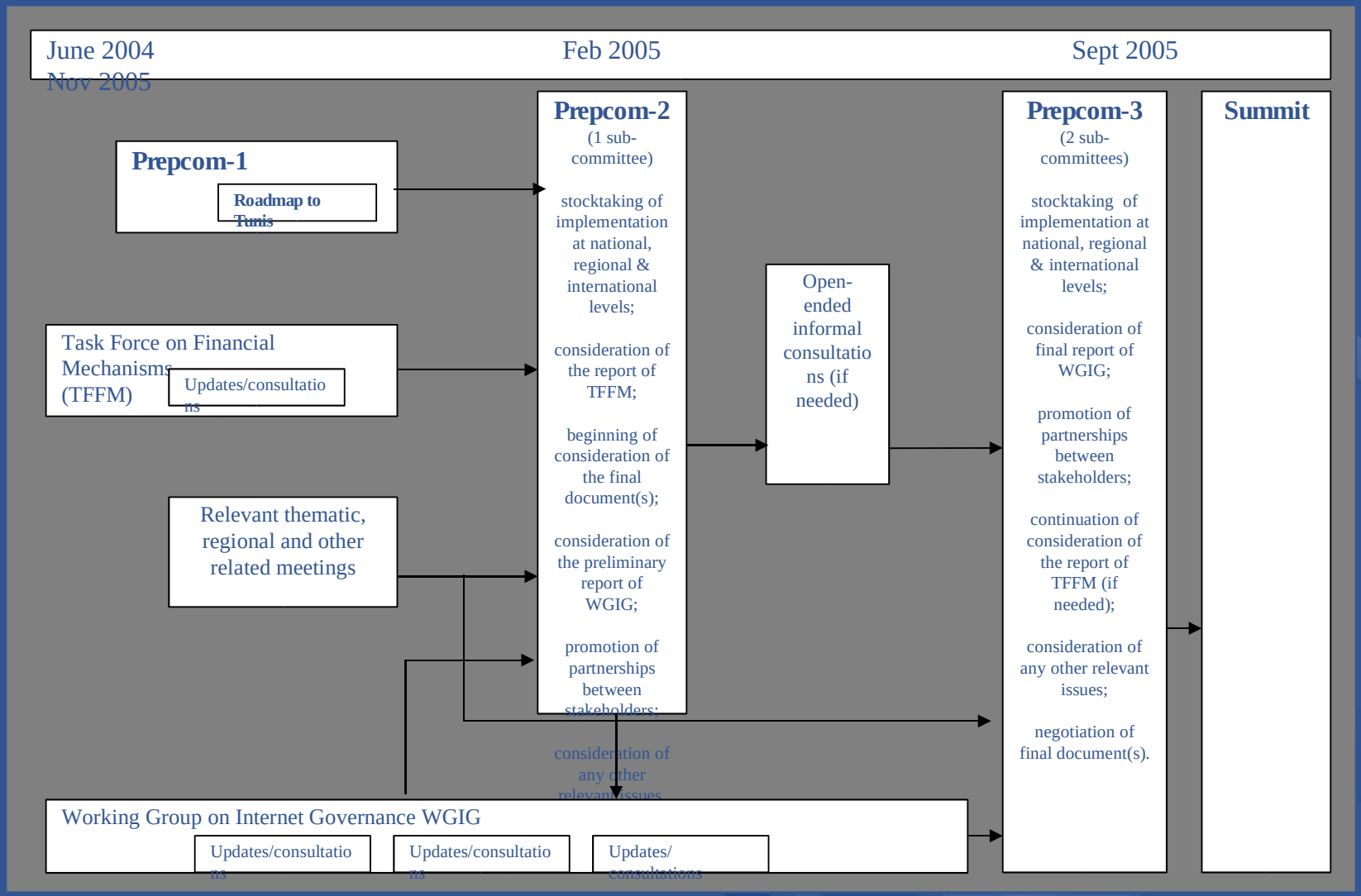
# WSIS participation

- UN intergovernmental meeting
  - Only official delegations participate freely
  - Others can be accredited to attend
    - International, UN, ECOSOC
    - ITU sector members
    - Other Business Entities and NGOs
  - Other participants have lesser role
    - Prepared statements only (15 min/day)
- Non-government participation
  - Business through CCBI
  - Civil Society through CS Bureau

# WSIS flowchart



# WSIS II – Plan




* from http://www.itu.int/wsis/preparatory2/hammamet

# WSIS II – Meetings

- Prepcom 1, June 2004, Hammamet
  - Phase II should focus on implementation
  - No change to decisions or outputs of Phase I
  - "preparatory process should be inclusive, efficient, transparent and cost-effective"
- Prepcom 2: February 2005, Geneva
  - Focus on funding (Inputs from WGFM)
- Prepcom 3: July 2005, Tunis
  - Inputs from WGIG
- World Summit: November 2005, Tunis

# WGIG – Latest developments

- Preparatory meeting
  - UNICT TF “Global Forum on Internet Governance”, New York, March 2004
- Secretariat established
  - Markus Kummer, Geneva
- Membership / composition
  - Wide consultations underway
  - Still unknown, to be decided by UN SG
  - To be announced “soon”
- Working methods
  - First meeting 20-21 September, Geneva

# APNIC at WSIS

- Attended 5 meetings since Asia Pacific Prepcom, January 2003 (Tokyo)
  - Organised and attended many information sessions
  - APRICOT, APNIC meetings
- Recognise potential impacts on Internet addressing
  - Potential impact on Internet stability
- Responses
  - Needs engagement at Government level
  - Ongoing evolution of current model (including APNIC, ICANN…)
- Working closely with other RIRs
  - Also ICANN, ISOC, CCBI, Civil Society etc

# Internet Governance

Discussion