

APNIC Member Meeting

NRO, ASO and WSIS

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

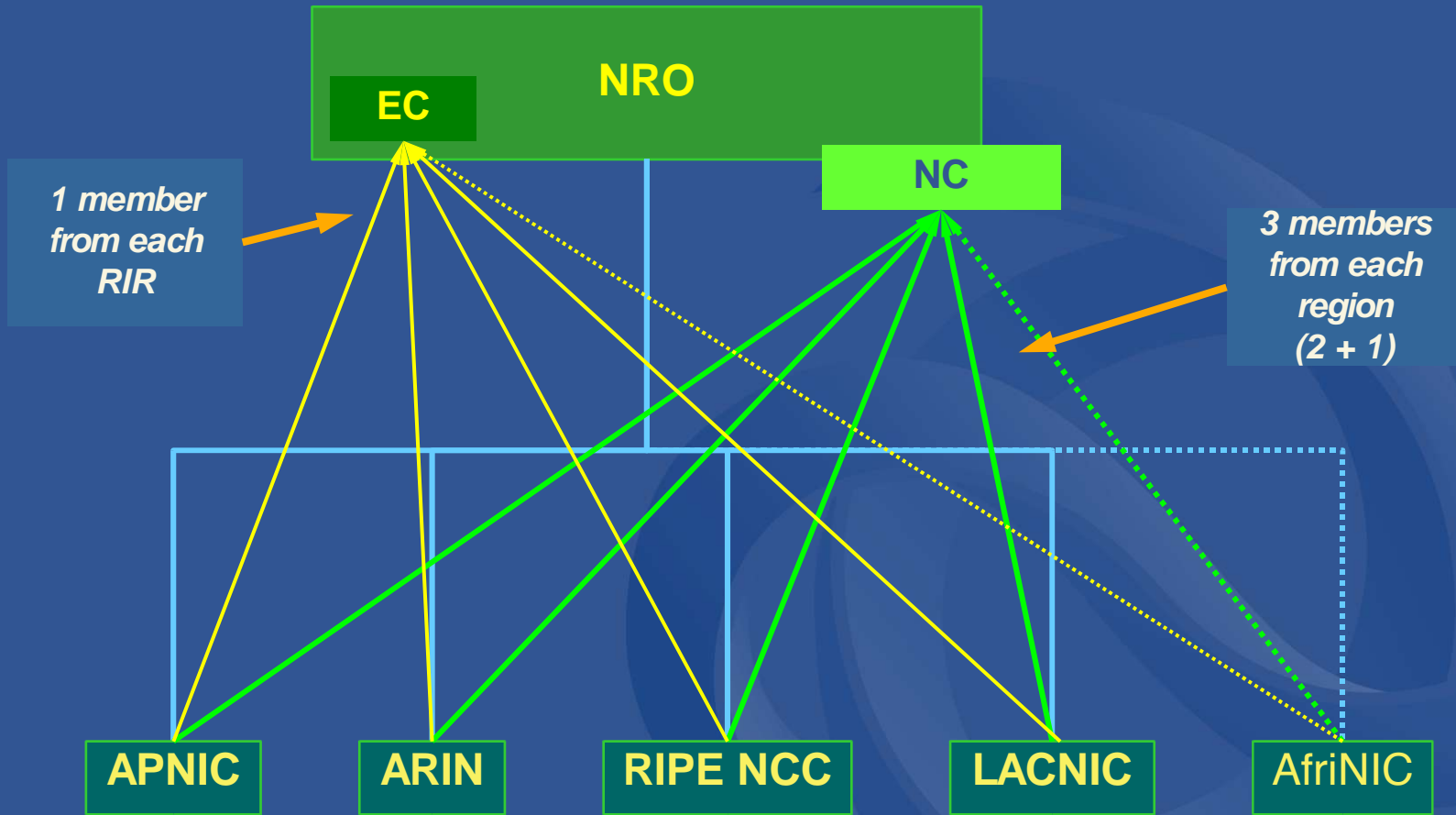


NRO Numbers Council

- 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



The Number Resource Organization - Mozilla

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NUMBER RESOURCE ORGANIZATION

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APNIC ARIN LACNIC Ripe NCC

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Welcome

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news and announcements

- [20 July 2004]**
[AfrinIC Progress Report, submitted to ICANN](#)
- [02 April 2004]**
[Call for Comments on Proposed MoU Between ICANN and the NRO](#)
- [01 April 2004]**
[Letter of Intent by ICANN and the NRO](#)
- [24 March 2004]**
[NRO Comments Concerning ICANN and the World Summit of the Information Society](#)
- [23 March 2004]**
[Open Letter to the UN Secretary-General](#)

[MORE NEWS](#)

what is the nro?

Formed by the [Regional Internet Registries](#) to formalise their co-operative efforts, the NRO exists to protect the unallocated Number Resource pool, to promote and protect the bottom-up policy development process, and to act as a focal point for Internet community input into the RIR system. [\[more\]](#)

regional internet registries

The most prominent activity of the four Regional Internet Registries (RIRs) is the provision of global Internet resources and related services (IPv4, IPv6 and AS Number resources) and the management of reverse domain space.

For more information about the history of RIRs, please read the article "[Development of the Regional Internet Registry System](#)", as published in the Cisco Internet Protocol Journal, December 2001.



[CONTACT THE NRO](#)

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?

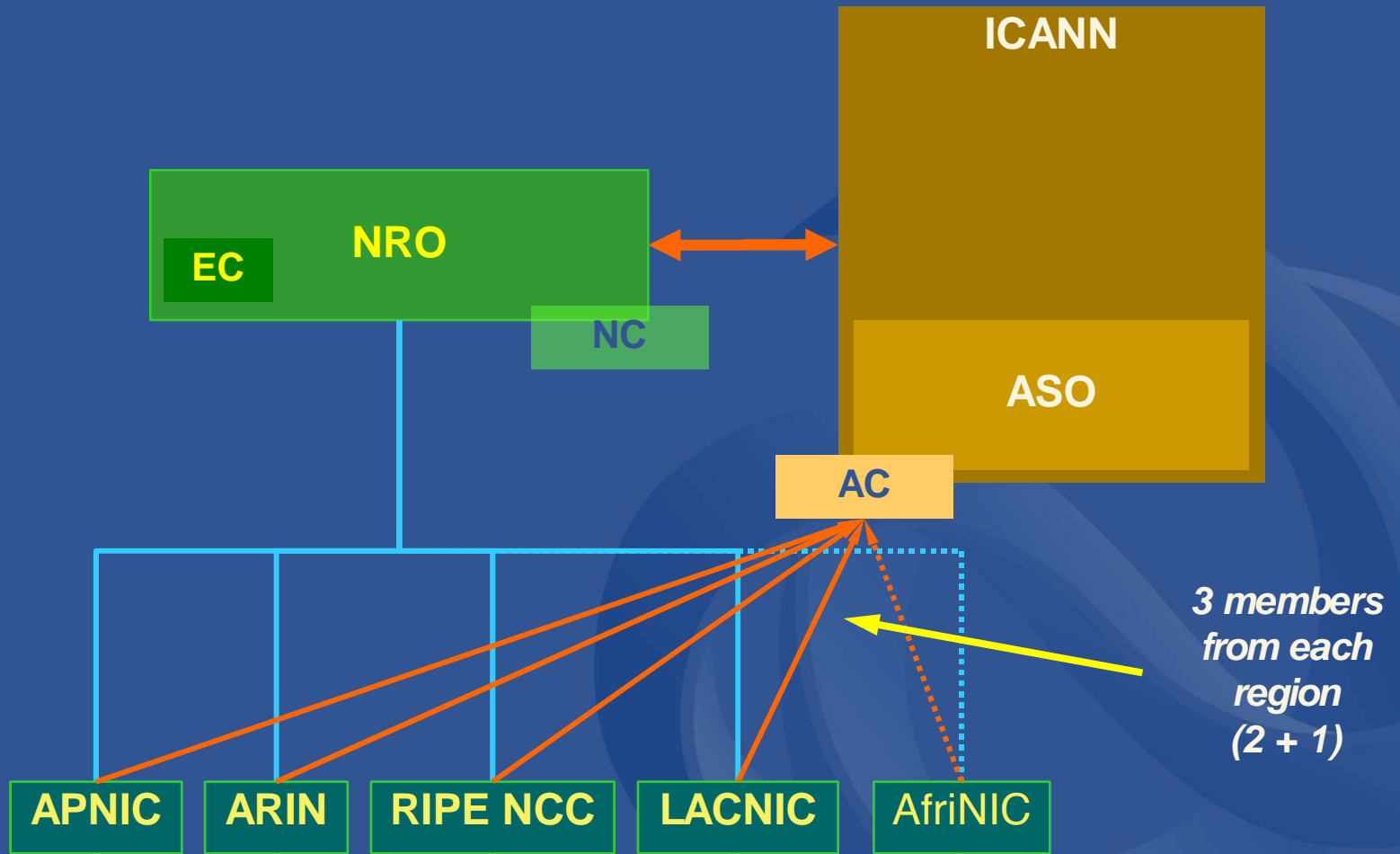
- To be reformed under “ICANN reform”
 - Discussions underway since early 2003
- Structural change required by ICANN Bylaws
 - Now, ICANN = ASO+ccNSO+gNSO
- New/changed responsibilities
 - Appoint 2 members to ICANN Board
 - Appoint liaisons to various ICANN bodies
- RIR concerns
 - Effectiveness of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



3 members
from each
region
(2 + 1)

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

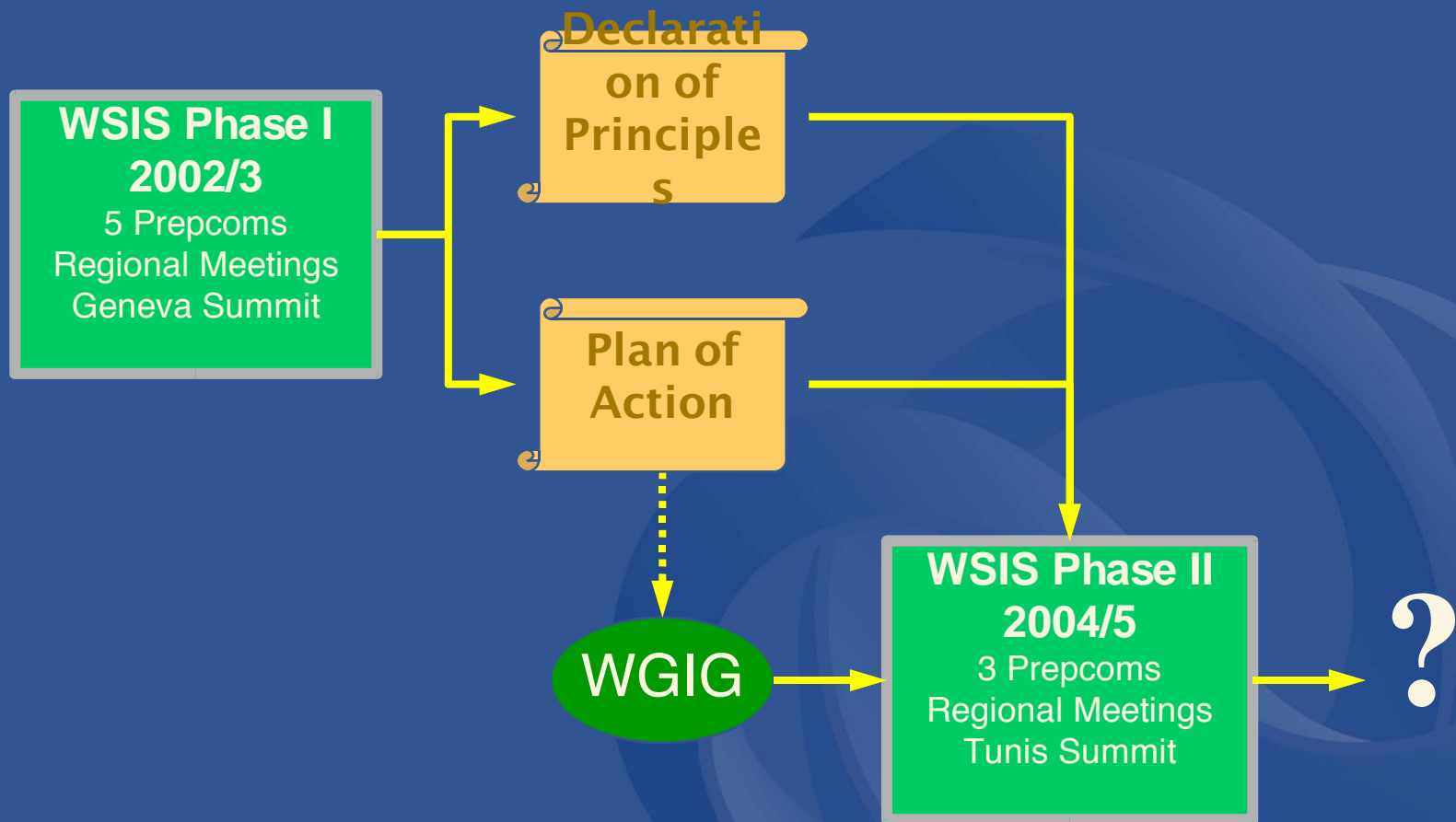
Background

- 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

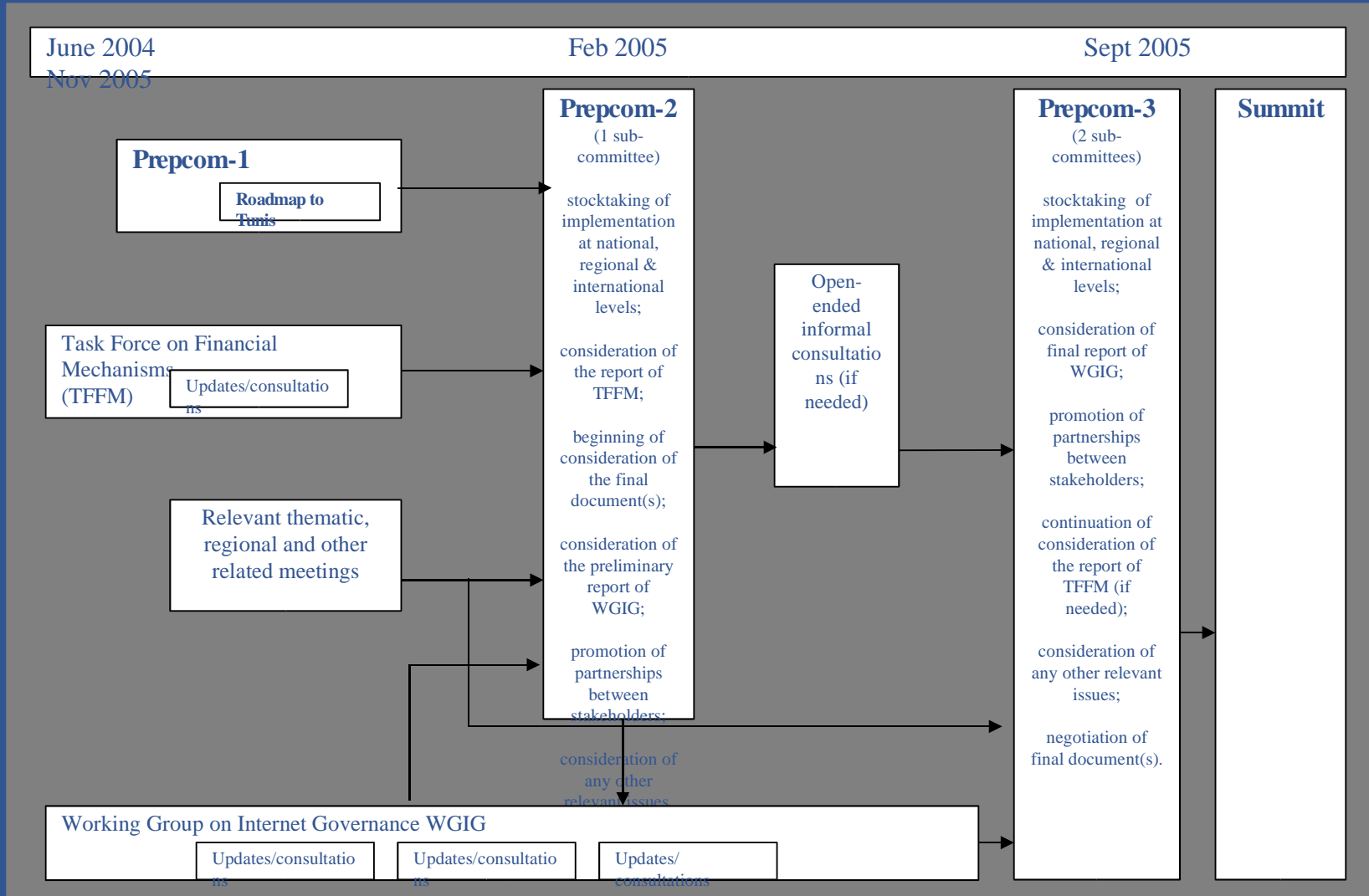
WSIS participation

- 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

