#### An INTRODUCTION To

#### **APRALO**

ASIA, AUSTRALASIA and PACIFIC ISLANDS
Regional At-Large Organization

#### ICANN

INTERNET CORPORATION FOR ASSIGNED NAMES AND NUMBERS

By Fouad Bajwa
Co-Vice Chair APRALO
ICANN's At-Large
(individual Internet user community)
for the Asian-Australian-Pacific Region

## Introducing

- What is ICANN?
- What is ICANN's At-Large Organization?
- What is a Regional At-Large Organization (RALO)?
- What is APRALO? The Individual Internet user community for the Asian, Australian and Pacific Region.
- Participating in APRALO

### What is



#### What is ICANN?

- To reach another person on the Internet you have to type an address into your computer a name or a number. That address has to be unique so computers know where to find each other. ICANN coordinates these unique identifiers across the world. Without that coordination we wouldn't have one global Internet.
- The Internet Corporation for Assigned Names and Numbers (ICANN) was formed in 1998 as a not-for-profit public-benefit corporation with participants from all over the world dedicated to keeping the Internet secure, stable and interoperable. It promotes competition and develops policy on the Internet's unique identifiers. ICANN doesn't control content on the Internet.
- It cannot stop spam and it doesn't deal with access to the Internet. But through its coordination role of the Internet's naming system, it does have an important impact on the expansion and evolution of the Internet.

#### **ICANN**

- ICANN as an internationally organized, non-profit corporation has the responsibility for:
  - Internet Protocol (IP) address space allocation,
  - Protocol identifier assignment,
  - Generic Top Level Domain name system (gTLD)
  - Country Code (ccTLD) Top-Level Domain name system management, and;
  - Internet Root Server system management functions.
- As a private-public partnership, ICANN is dedicated to preserving the operational stability of the Internet; to promoting competition; to achieving broad representation of global Internet communities; and to developing policy appropriate to its mission through bottom-up, consensusbased processes.

#### How does ICANN work?

- Within ICANN's structure, governments and international treaty organizations work in partnership with businesses, organizations, and skilled individuals involved in building and sustaining the global Internet.
- Innovation and continuing growth of the Internet bring forth new challenges for maintaining stability. Working collectively, ICANN's participants address those issues that directly concern ICANN's mission of technical coordination.
- Consistent with the principle of maximum self-regulation in the high-tech economy, ICANN is perhaps the foremost example of collaboration by the various constituents of the Internet community.

#### ICANN's Governance Structure

- ICANN is governed by an internationally diverse Board of Directors overseeing the policy development process. ICANN's President directs an international staff, working from three continents, who ensure that ICANN meets its operational commitment to the Internet community.
- Designed to respond to the demands of rapidly changing technologies and economies, the flexible, readily implemented policy development process originates in the three Supporting Organizations.
- Advisory Committees from individual user organizations, and technical communities work with the Supporting Organizations to create appropriate and effective policies. Over eighty governments closely advise the Board of Directors via the Governmental Advisory Committee.

## Participating within ICANN

- Participation in ICANN is open to all who have an interest in global Internet policy as it relates to ICANN's mission of technical coordination.
- ICANN provides many online forums which are accessible through ICANN's website, and the Supporting Organizations and Advisory Committees have active mailing lists for participants.
- Additionally, ICANN holds public meetings throughout the year.

# ICANN Supporting Organizations and Advisory Committees

- For more information on the Supporting Organizations and Advisory Committees, please refer to their websites:
  - Address Supporting Organization (ASO) www.aso.icann.org
  - Country Code Domain Name Supporting Organization (CCNSO)
     <u>www.ccnso.icann.org</u>
  - Generic Names Supporting Organization (GNSO) www.gnso.icann.org
  - At-Large Advisory Committee <u>www.atlarge.icann.org</u>
  - Governmental Advisory Committee <u>www.gac.icann.org</u>

\*More information on ICANN can be found on ICANN's website: <a href="http://www.icann.org">http://www.icann.org</a>

### What is



# Participating in ICANN

- A mechanism for participation in ICANN by individual Internet users (called "At-Large") was created for people who want to be involved in issues that affect individual's use of the Internet's domain name system.
- The At-Large Community represents the Individual Internet User's Voice in ICANN

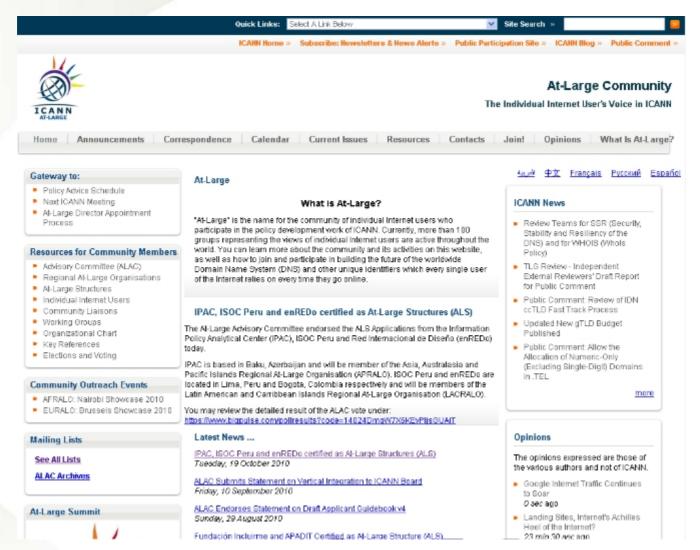
# **At-Large Community**

- "At-Large" is the name for the community of individual Internet users who participate in the policy development work of ICANN.
- Currently, more than 100 groups representing the views of individual Internet users are active throughout the world.
- You can participate in the At-Large community and its activities and in building the future of the worldwide Domain Name System (DNS) and other unique identifiers which every single user of the Internet relies on every time they go online!

# ICANN's At-Large Organization

- ICANN At-Large provides crucial contributions to ICANN's work on such matters as guidance on how internationalised domain names ("local language" domain names) are implemented, and how additional new top-level domains (i.e. .info, .name, .museum, etc.) are introduced -- to name just two issues of importance in which At-Large is involved to support the Internet's end-users.
- At-Large also is a leading voice for ICANN stakeholders on Internet Governance and issues related to WSIS, and helps raise awareness of key Internet resource issues that affect ICT development.

# http://www.atlarge.icann.org



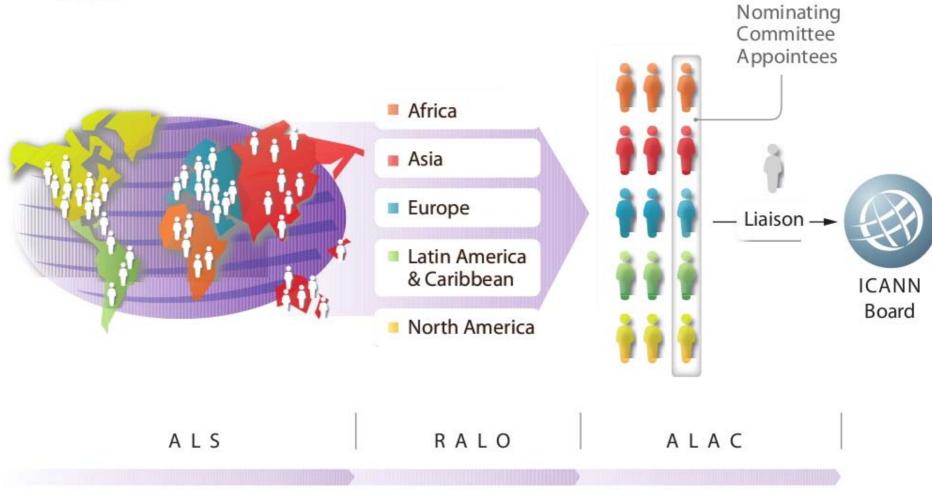
### Regional At-Large Organisations

- The At-Large community is structured into five Regional At-Large Organizations (RALO), each composed by a number of regional At-Large Structures (ALS) –Internet user organizations - and unaffiliated users.
- Each RALO has a regional Chair and a Secretariat. In addition to their annual General Assemblies, the regions hold monthly teleconferences to develop a regional view on current policy issues and to provide input for the At-Large policy process.



At Large Structures

#### At Large Organizational Diagram



Regional At Large Organizations

At Large Advisory Committee

#### RALO's Across the Globe

- African Regional At-Large Organization (AFRALO) www.atlarge.icann.org/afralo
- Asian, Australasian and Pacific Islands Regional At-Large Organization (APRALO) <a href="www.atlarge.icann.org/apralo">www.atlarge.icann.org/apralo</a>
- European Regional At-Large Organization (EURALO) www.atlarge.icann.org/euralo
- Latin American and Caribbean Islands Regional At-Large Organization (LACRALO) <u>www.atlarge.icann.org/lacralo</u>
- North-American Regional At-Large Organization (NARALO) www.atlarge.icann.org/naralo

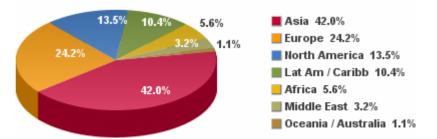
#### What is APRALO?

- APRALO encompasses all Internet end-users in Asia, Australasia and the Pacific Islands. APRALO consists of civil society organizations, nonprofits and individuals such as consumer rights group, legal bodies/professional groups, and government nonprofit organizations.
- We are individuals and organizations that are formally recognized by ICANN as At-Large Structures (ALS).
   Together with other regions, we have a direct impact on the direction of the ICANN, working to ensure that the expansion of the Internet serves the public interest.
- As more Internet domain names and Internet Protocol (IP) addresses are required to keep pace with end-user demand, we advance policies and services that reduce confusion and abuse while enhancing security, accessibility and stable growth.

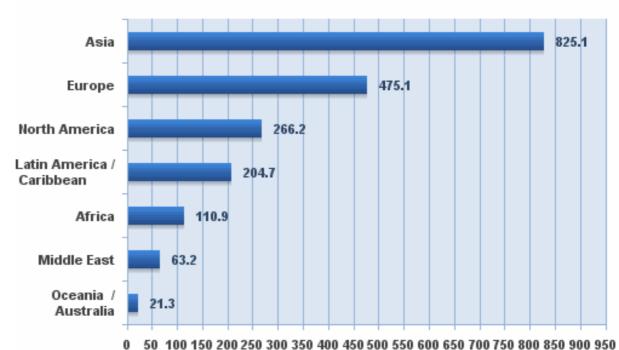
## Did you know that...

- APRALO is made up of more sub-regions than any other region and comprises more than 70 nations reaching from Turkey to New Zealand?
- APRALO is the region with the most Internet users, the most people still offline and the greatest growth potential in the coming years?
- You can now get a domain name in many local languages of the region, such as 大兵小將 asia
- Due to the region's diversity and growth, Asia-Pacific Internet users are among the most concerned by current Internet policy discussion?
- As a member of APRALO, you can make a direct impact on the direction of the international body responsible for some of the Internet's key resources?

#### Internet Users in the World Distribution by World Regions - 2010



#### Internet Users in the World by Geographic Regions - 2010



### **APRALO** Membership

- APRALO member organizations and individuals represent the rights of Internet users from Dubai to Sydney.
- APRALO represents their views in the bottom-up, consensus based, multi-stakeholder ICANN policy development process. And we can always benefit from new perspectives.
- To ensure that APRALO represent views as diverse as our region, we encourage individuals and groups to join us.
- APRALO Membership is simple and free of charge.

## **APRALO Diversity**

- APRALO has some 23 ALSs and growing.
- It covers a vast geographic candidate area that is bounded by the Middle East in the west, China in the north, the Indian subcontinent and Australasia in the south and the Pacific Island states in the east.
- The APRALO region encompasses a diversity of cultures, languages and scripts. Populations vary enormously with China and India having 1,300,000,000 and 1,100,000,000 respectively, to Niue and Tokelau with 1,500 and 1,200.

### APRALO ALS Map

#### APRALO



## Diversity

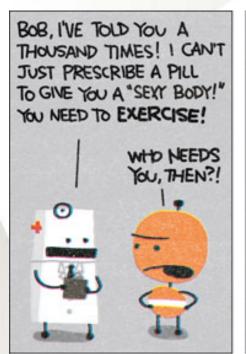
- Each country may have its own language or languages as well as dialects and diverse scripts.
- Overlay access issues that can be described as fortress and nonfortress and the different approaches to policy issues that vary from rigorously coordinated to complete individualistic present APRALO with exciting challenges that are not as prevalent in our sister RALOs.
- Finally, many challenges resulting from diversity can be solved by increasing participation by a broader spectrum of enthusiasts from the APRALO ALSes though the support of the parent organization, ICANN.

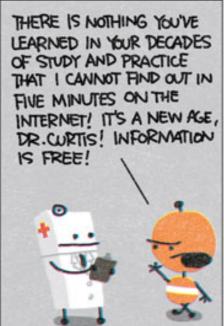
# Why Join APRALO?

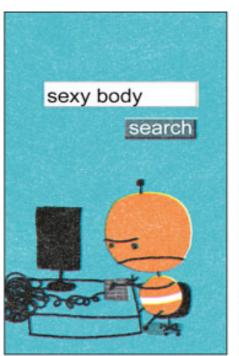
#### Because, the Internet Needs You!

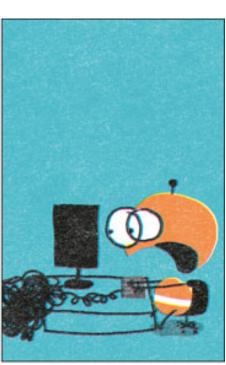


#### And....









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WWW.WETHEROBOTS.COM

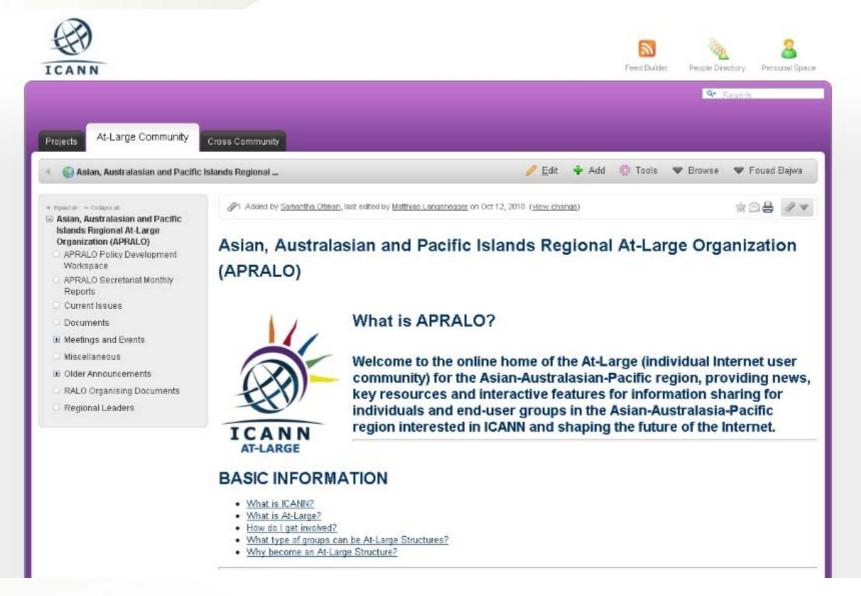
## Joining APRALO

- If you are an organization located in Asia, Australasia or the Pacific Islands and concerned with Internet-related issues, you can help influence the operation, growth and development of the Internet by becoming part of the Asia, Australasia and Pacific Islands Regional At-Large Organization (APRALO).
- APRALO invites all interested civil society parties to join it in taking part in the decisions that shape the Internet.

# Some of the many issues APRALO focuses on:

- Some key issues of importance to APRALO:
  - Rights of the Internet User with regards to Domain and IP Addressing of the Internet.
  - Increased participation in ICANN processes by Internet Users especially Youth and Women from Asia, Australasian and Pacific Regions.
  - Internet Governance.
  - Critical Internet Resource Management.
  - IPv4 to IPv6 Transition.
  - Internationalized Domain Names (IDNs) in Asia Pacific.
  - New Generic Top Level Domain Names (gTLDs).
  - ICANN Accountability and Transparency Review.

# **APRALO Community Wiki**

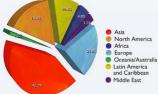


#### **Outreach Activities**

- Teleconferences and **Face-2-Face Meetings**
- Presentations at APNOG, APRICOT, AP-**IGF** and various Internet related events.

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#### What is APRALO?

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We are individuals and organizations that are formally recognized by ICANN as At-Large Structures. To ensure that we represent views as diverse as our region, we encourage individuals and groups to join us. Membership is simple and free of charge. If you are a group/individual or body interested in more actively participating in ICANN decision-making, you can find an ALS that caters to your interest or region or apply to become a new ALS

Find out more at http://www.apralo.org or contact us at info@apralo.org.

#### Two of the key issues of importance to APRALO are

How serious is the IPv4 address pool depletion and need for IPv6 implementation? One good source is Internet Addressing: Measuring Deployment of IPv6, a recent report from the Orga nization for Economic Co-operation and Development. It says:

IPv4 is expected to run out of previously unallocated addresses in 2012. When IPv4 addresses are fully allocated, operators and service providers must support the newer version of the Internet Protocol (IPv6) in order to add additional customers or devices to their networks

Some of you may think, "Oh, then let's deploy IPv6 network and migrate existing network resources to IPv6," Sounds simple, but is it? Implementing IPv6 network actually means so long as people also use existing IPv4-based networks and resources, you need to run both IPv4 and v6 networks and resources at the same time

For more on this topic, please log on to http://www.apralo.org. Internationalized Domain Names (IDNs)

#### in Asia Pacific

Broad adoption of Internationalized Domain Names (IDNs) will have significant social impact for the Internet in Asia Pacific, IDNs are as much about diversity, access, openness and equality as they are about commercial opportunities and economic development. Because of the English alphanumeric limitations, the interest and perceived value of domain names by brands, especially local small and medium sized enterprises (SMEs) in Asia Pacific, has been low. With IDNs, businesses can express their offline identity online. Furthermore, domain name portfolio is an important aspect of Search Engine



My At-Large Structure (ALS) Internet Society of Australia (ISOC-AU) became a certified structure for At-Large in ICANN back in 2005. Since then we have been directly nvolved in the development of APRALO

my ALS) to be a signatory of the Regional Founding Documents with ICANN in 2007, Being involved in ICANN via APRALO as an ALS member and representative to the At-Large Advisory Committee since our region was formed has allowed and encouraged me to ensure that the diverse voices and needs of Internet users as well as domain name registrants has been an effective influence in ICANN activities and policy development, and continues to be an exciting and rewarding part of my volunteer life. It has also afforded me the rare opportunity to meet and work with some of the most amazing and committed people working in Internet governance and (nomen dature (naming and numbering) issues on the Internet, an experience literally worth its weight in gold. CherylLangdon-Orr, Chair, At-Large Advisory Committee (ALAC) and APPALO representative to the ALAC



As one of two Asia-Pacific members on the Interim ALAC, I helped to found APRALO in 2006 by drafting the Operational Principles. organizing preparatory meetings and facilitating the founding meeting in Bali. In

my role as Chair of Council of Chinese Domain Name Users Alliance, I have been actively participating in APRALO activities, including drafting statements, submitting policy papers and making comments in face-to-face meetings and monthly calls. On behalf of APRALO, Lorganized two IDN workshops at the IGE. Since 2008, I have served as the APRALO representative on the ICANN Nomination Committee

Hong Xue, Chair, Council of Chinese Domain Name Users Alliance

embracing diverse scripts and harmonizing a collective way forward through promotion and expanding the user commu nity base through advocacy.

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You can learn more about the community and its activities on the website www.atlarge.icann.org, as well as how to join and participate in building the future of the worldwide Domain. Name System (DNS) and other unique identifiers which every single user of the Internet relies on every time they go online.

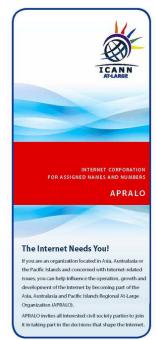
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Brussels, 6 Rond Point Schuman, Bt. 5, B-1040 Brussels, BELGIUM, T+32 2 234 7870, F+32 2 234 7848 Los Angeles, 4676 Admiralty Way, Suite 330
Marina del Rev. CA 90292, USA, T+1 310 823 9358, F+1 310 823 8649 Washington, DC, 1101 New York Avenue NW, Suite 930 Washington, DC 20005, USA, T+1 202 570 7240, F+1 202 789 0104 Sydney, Level 2, 48 Hunter Street Sydney NSW 2000, AUSTRALIA, T+61 2 8236 7900, F+61 2 8236 7913

www.atlarge.icann.org



- **APRALO Meetings at ICANN Public Meetings**
- **Participation in At-Large Community and ICANN Policy development** processes (on-going)

# Joining ICANN as an At-Large Structure

# Joining ICANN through At-Large

- Globally, thousands of individual Internet users in all regions of the world are a part of At Large, thanks to their organisations being registered as "At-Large Structures" and more groups have registering all the time. Many more individuals and organizations are needed, however, to help advance the interests of individual Internet users worldwide.
- Groups throughout the world that deal with individual Internet users' interests are encouraged to register and participate in ICANN by submitting a simple application form. Groups that meet the minimum requirements will be certified as "At-Large Structures."

# Why register as an At-Large Structure?

- At-Large Structures are wholly independent from ICANN.
- Registration simply recognizes that these groups meet ICANN's criteria for involving individual Internet users at the local or issue level in ICANN activities, and for promoting individuals' understanding of, and participation in, ICANN.

# By being designated an At-Large Structure, your group gets:

- A recognized role in forming the policies that affect how individuals' use the Internet (ICANN is listening. Make sure your voice is heard!);
- Quick and easy access to first-hand information on what's happening in ICANN and why it matters to endusers;
- Opportunities to provide your members education on ICANN's work and Internet developments;

# An At-Large Structure (ALS)

- Participation in building your region's At-Large organization (RALO), and opportunities to network with other groups in your country and region as At-Large grows;
- Representation in ICANN at the regional and international level, plus your group's members will be eligible to serve on important regional and international decision-making bodies in ICANN;
- A free web page and other Internet-based mechanisms to support your group's work;
- Opportunities for grant funding to support some of your group's activities (ALAC applies for grant funding as opportunities arise).

### Register as At-Large Structures?

- Any group that supports individuals' ability to share their views on ICANN issues, and that meets the few simple criteria, can register to be an At-Large Structure. Types of groups that have registered (or have expressed interest in registering) as At-Large Structures include:
  - Professional societies (e.g. engineers, attorneys, etc.)
  - Academic and research organizations
  - Community networking groups
  - Consumer advocacy groups
  - Internet Society chapters
  - Computer user organizations
  - Internet civil society groups

### Contact APRALO to Join At-Large

- If you are a group/individual or body interested in more actively participating in ICANN decision-making, you can find an ALS that caters to your interest or region or apply to become a new ALS.
- Find out more at <a href="http://www.apralo.org">http://www.apralo.org</a>
- Or contact us at <a href="mailto:info@apralo.org">info@apralo.org</a>

## Thank You