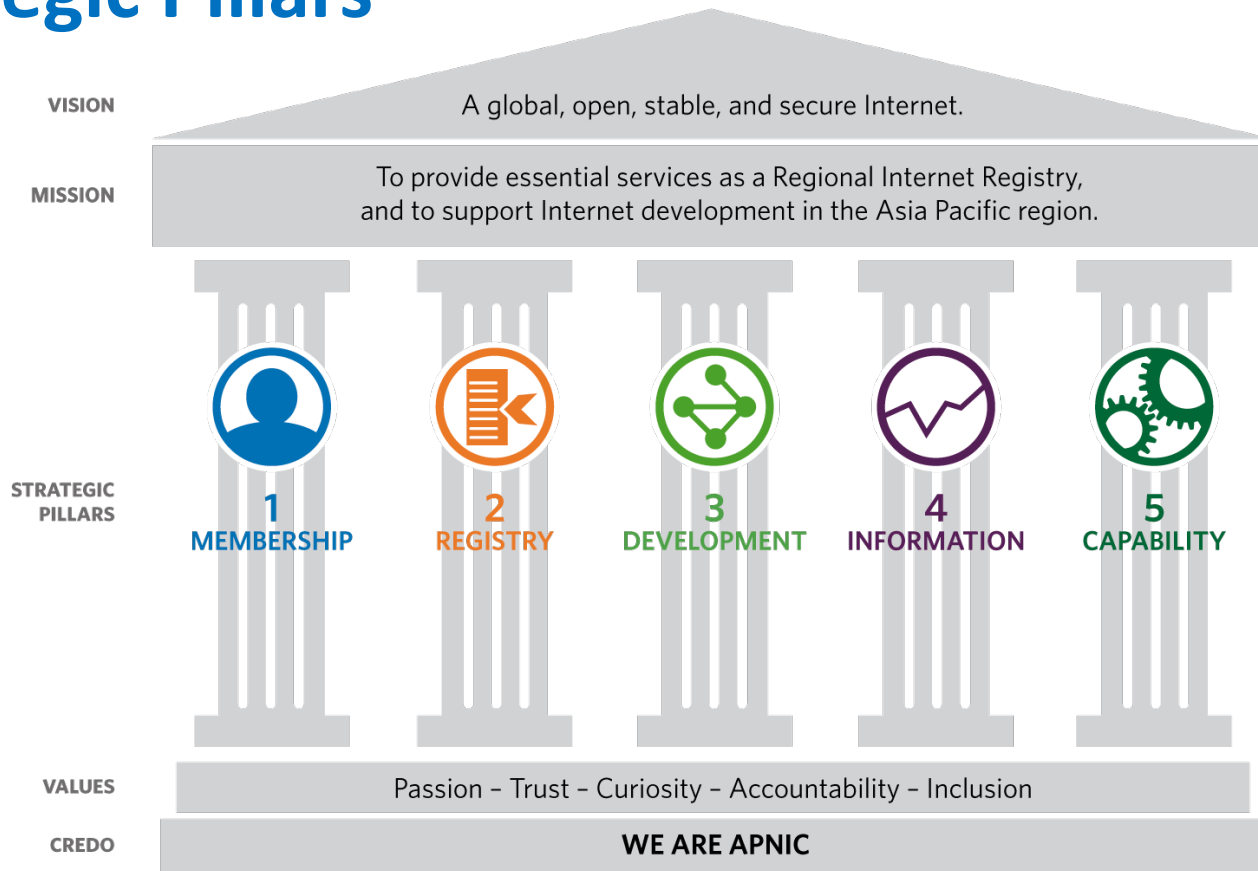# APNIC Update to the IGF
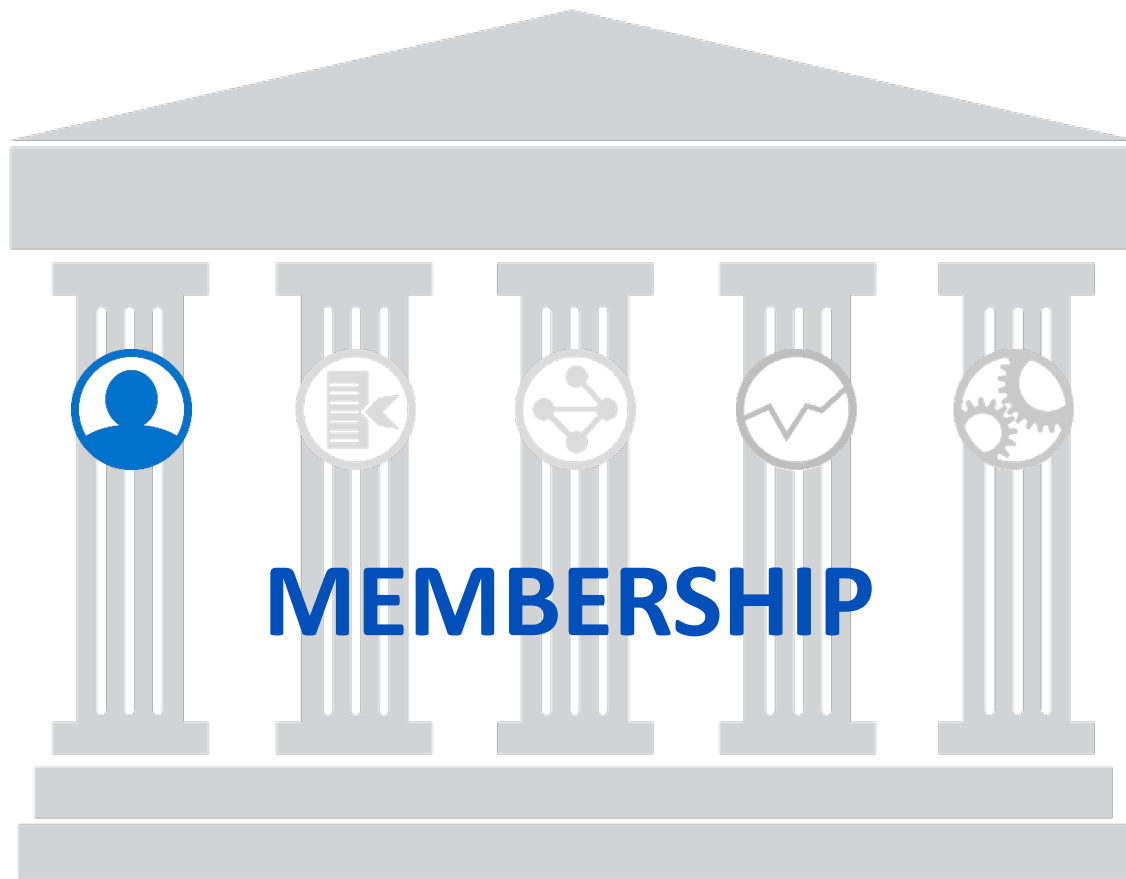
Joyce Chen

IGF – Open Consultation & MAG meeting

23 February 2022

Strategic Pillars

VISION — A global, open, stable, and secure Internet.

MISSION — To provide essential services as a Regional Internet Registry, and to support Internet development in the Asia Pacific region.

STRATEGIC PILLARS

1 MEMBERSHIP

2 REGISTRY

3 DEVELOPMENT

4 INFORMATION

5 CAPABILITY

VALUES — Passion – Trust – Curiosity – Accountability – Inclusion

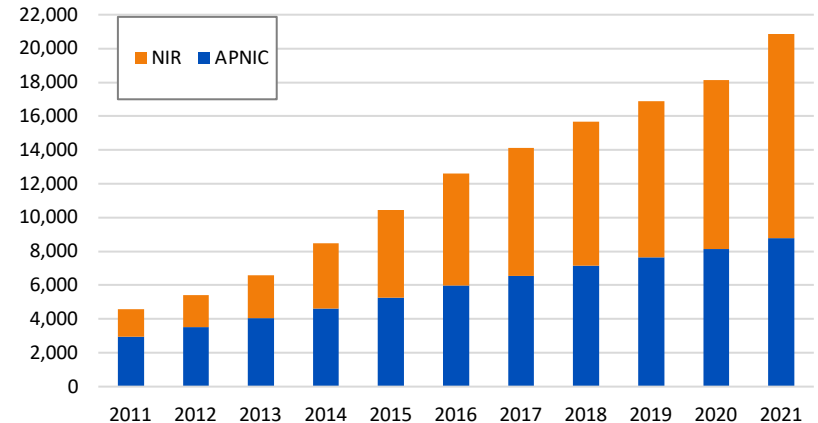**CREDO** — **WE ARE APNIC**

MEMBERSHIP

Member Services

- APNIC is a member-based not-for-profit organization

- Total Members: direct 8,768; indirect 12,089

APNIC – Regional Internet Registry for Asia-Pacific

- Coordinate logical addressing layer of the Internet.

- We allocate and register IPv4, IPv6 and AS numbers.

- IPv4 is running low. We promote IPv6 deployment.

- Commitment to routing security with RPKI to improve route management

- 37.65% IPv6 capability for AP region
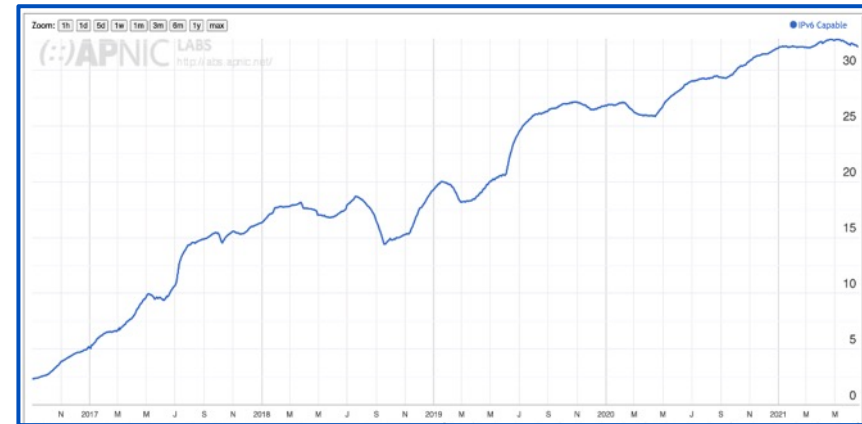
DEVELOPMENT

Multistakeholder Policy Development

- Policy SIG is where the APNIC community gather to develop policies which relate to the management and use of Internet number resources within the Asia Pacific region
  - Policy SIG Community Consultation in March; Policy Document Review Working Group formed with 44 participants
  - WG submitted nine proposals for APNIC 52 Policy SIG; four were accepted and all reached consensus

APNIC Conferences

- 2 APNIC conferences per year
  - APRICOT in February
  - APNIC Conference in September

Fellowship Program

- New six-month online program
  - Technical, policy and Internet governance presentations
  - Training by APNIC Academy
  - Sessions with community mentors

Pratima GP is with Radhika Orari and 3 others.
6h ·

#APNIC52 Attending in group, the 'First Security Session 2', Very insightful and lot of learning for us. #Bhutan #WomenInICT

102   12 Comments
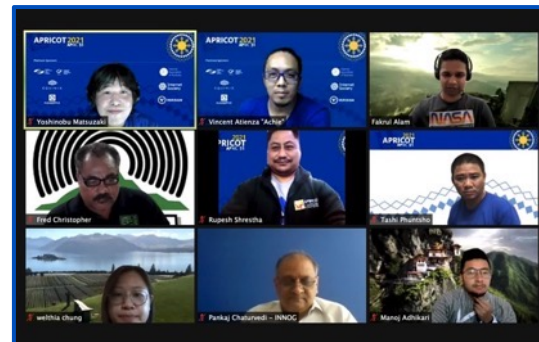
Internet Governance Commitment

- GLOBAL >
  - MAG and IGFSA Executive Committee;
  - Conducted three IGF sessions

- REGIONAL >
  - APrIGF: including MSG, PC and fellowships;
  - Conducted two APrIGF workshops
  - IGF regional: SEA IGF, Pacific IGF, APIGA, APSIG

- NATIONAL >
  - HKIGF, bdSIG, India IGF 2021, Youth IGF Bangladesh, Youth IGF Vietnam, Youth IGF India, NetThing 2021 (AU)

Technical Community Support

- Participate in tech community events
  - Such as NOG events

- Security events
  - Including training sessions and CERTs

Bhutan Cybersecurity Week 2021

Government Engagement

- ITU meetings

- APT (Secretary General and Secretariat)

- OECD

- APEC TEL

- LEA training and engagement with other national LEAs

APNIC Academy

	Instructor-led	Self-paced
Courses	96	1,735 completions; 3,340 hours contact
Students	2,382	5,428 new (17,018 in total)
Locations		48 economies
Virtual Labs		6,070 labs 6,902 hours
Webinars	20 webinars 1,202 attendees	

Dave Phelan, APNIC
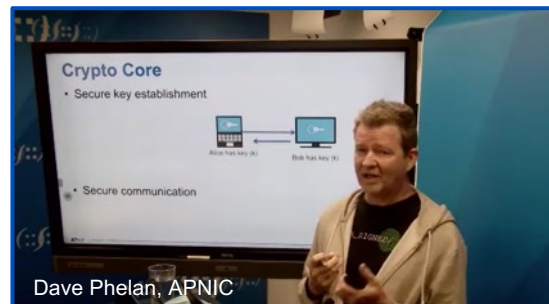
Internet Infrastructure Support

- IXPs

- Root servers

- Community Honeynet and Security Threat Sharing Platform

- RIPE Atlas

Study on Internet's Technical Success Factors

Joint project with LACNIC
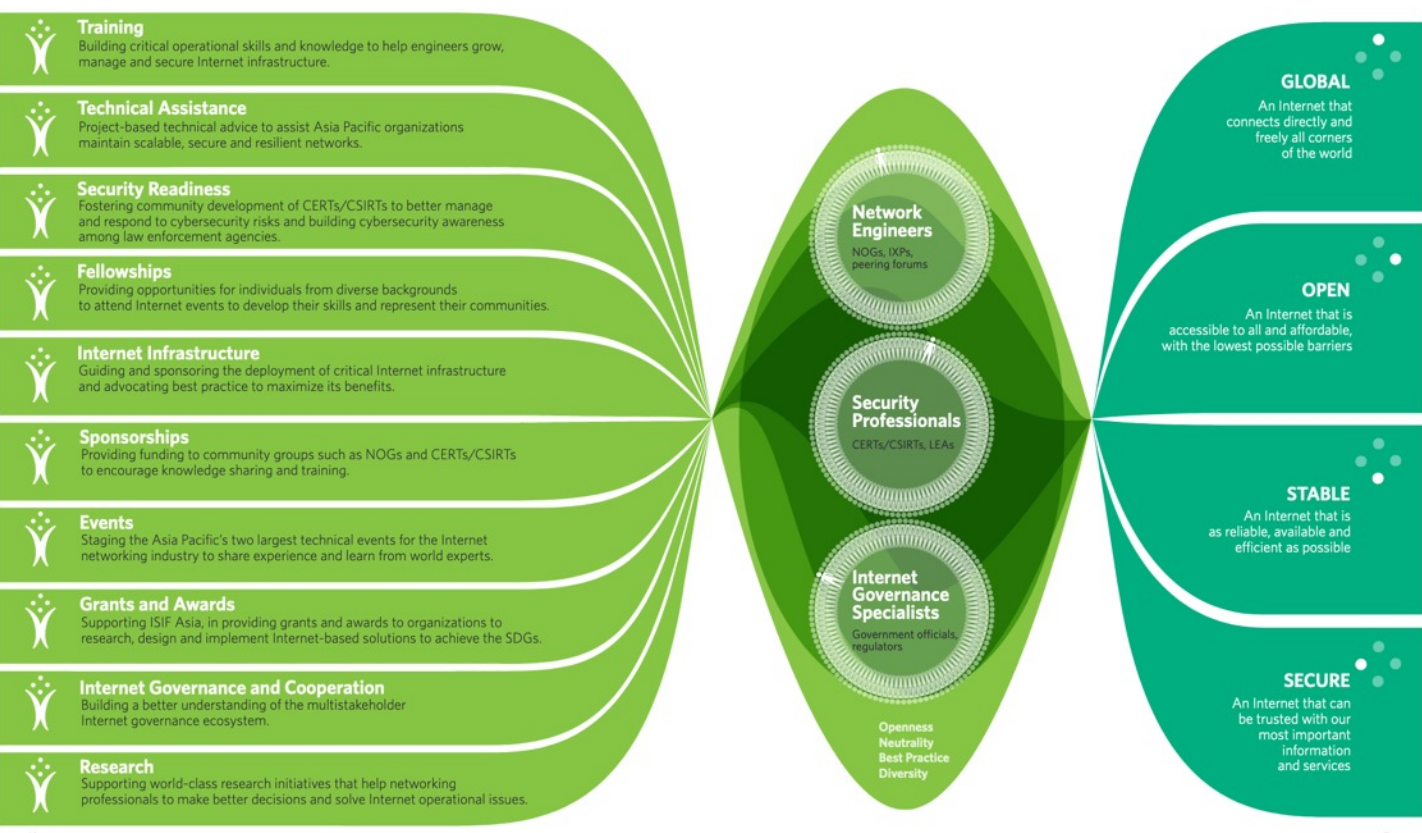
Report published and presented at 2021 IGF:

https://www.youtube.com/watch?v=nl1n4VGRHng

https://www.apnic.net/internetstudy

Dimensions of success

Scalability

Flexibility

Adaptability

Resilience

Supporting APNIC's development activities

Training
Building critical operational skills and knowledge to help engineers grow, manage and secure Internet infrastructure.

Technical Assistance
Project-based technical advice to assist Asia Pacific organizations maintain scalable, secure and resilient networks.

Security Readiness
Fostering community development of CERTs/CSIRTs to better manage and respond to cybersecurity risks and building cybersecurity awareness among law enforcement agencies.

Fellowships
Providing opportunities for individuals from diverse backgrounds to attend Internet events to develop their skills and represent their communities.

Internet Infrastructure
Guiding and sponsoring the deployment of critical Internet infrastructure and advocating best practice to maximize its benefits.

Sponsorships
Providing funding to community groups such as NOGs and CERTs/CSIRTs to encourage knowledge sharing and training.

Events
Staging the Asia Pacific's two largest technical events for the Internet networking industry to share experience and learn from world experts.

Grants and Awards
Supporting ISIF Asia, in providing grants and awards to organizations to research, design and implement Internet-based solutions to achieve the SDGs.

Internet Governance and Cooperation
Building a better understanding of the multistakeholder Internet governance ecosystem.

Research
Supporting world-class research initiatives that help networking professionals to make better decisions and solve Internet operational issues.

Network Engineers
NOGs, IXPs, peering forums

Security Professionals
CERTs/CSIRTs, LEAs

Internet Governance Specialists
Government officials, regulators

Openness
Neutrality
Best Practice
Diversity

GLOBAL
An Internet that connects directly and freely all corners of the world

OPEN
An Internet that is accessible to all and affordable, with the lowest possible barriers

STABLE
An Internet that is as reliable, available and efficient as possible

SECURE
An Internet that can be trusted with our most important information and services

Information Society Innovation Fund (ISIF Asia)
USD 1.82 million in grant funding has been awarded to 22 projects covering 16 economies

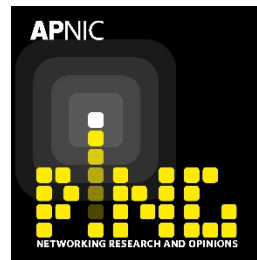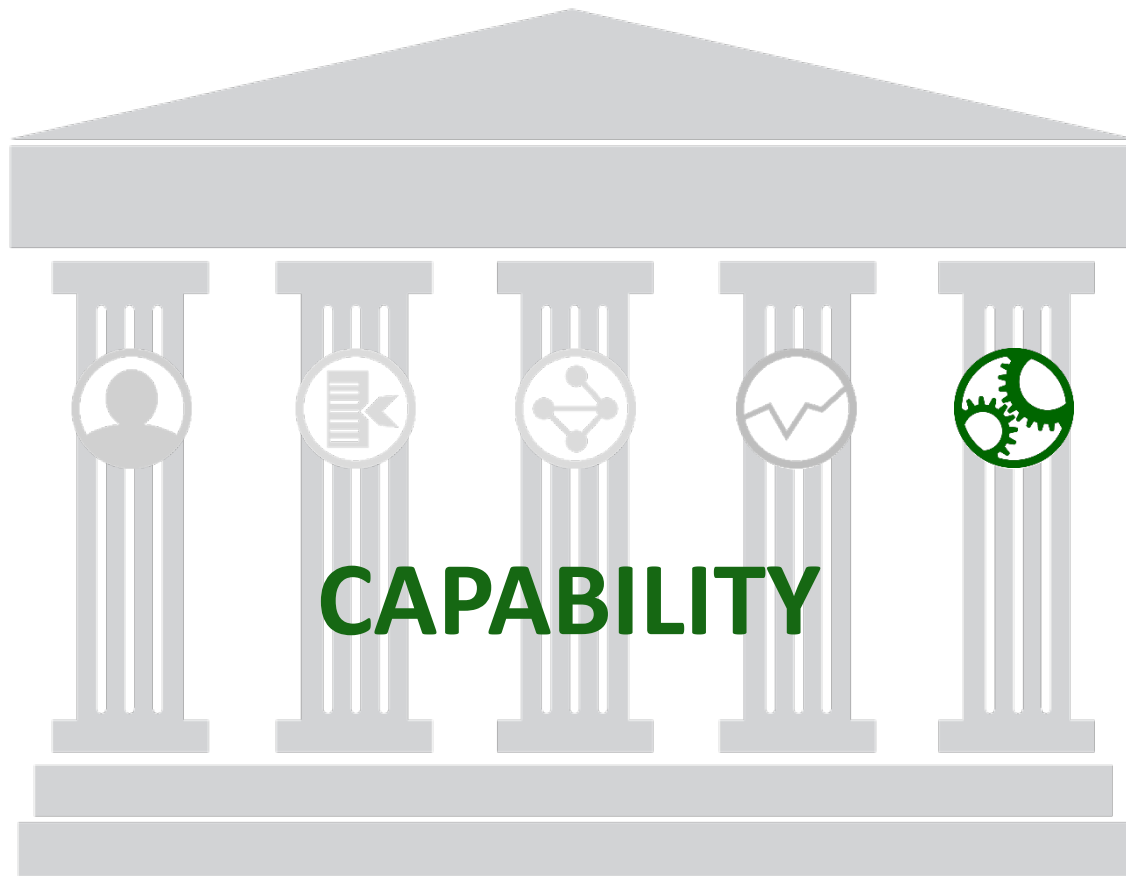https://blog.apnic.net/2022/02/01/2021-isif-asia-grant-recipients-announced/

INFORMATION

Information Resources

- Blog > blog.apnic.net
  - 70k views per month

- Resource Explorer (REx)

- DASH

- NetOX

CAPABILITY

APNIC STAFF

joyce@apnic.net