

Asia-Pacific Regional Bureau



Board Presentation

18 November, Singapore

Internet Society in Asia-Pacific

The Numbers

- Individual Global Members - **32,499** (~31% of total ISOC membership; 15% YoY growth)
- Chapters -**22**
- Chapter Members - **17,564**
- Organisational Members – **20**



Regional Office

Operational Since December 2011 in Singapore with staff and advisors located across the region.

Team includes:

Noelle De GUZMAN based in Manila

Naveed HAQ based in Islamabad

Olivia LOY based in Singapore

Aftab SIDDIQUI based in Sydney

Rajnish SINGH based in Sydney/Singapore

Subhashish PANIGRAHI in Bengaluru

Two Board of Trustee Members are also currently located in Asia-Pacific: **Hiroshi ESAKI** in Japan, **Harish PILLAY** in Singapore

Who we are



Rajnesh Singh
Regional Bureau Director



Aftab Siddiqui
Technical Engagement Manager



Subhashish Panigrahi
Chapter Development Manager



Noelle Guzman
Regional Programs Coordinator



Naveed Haq
Regional Development Manager



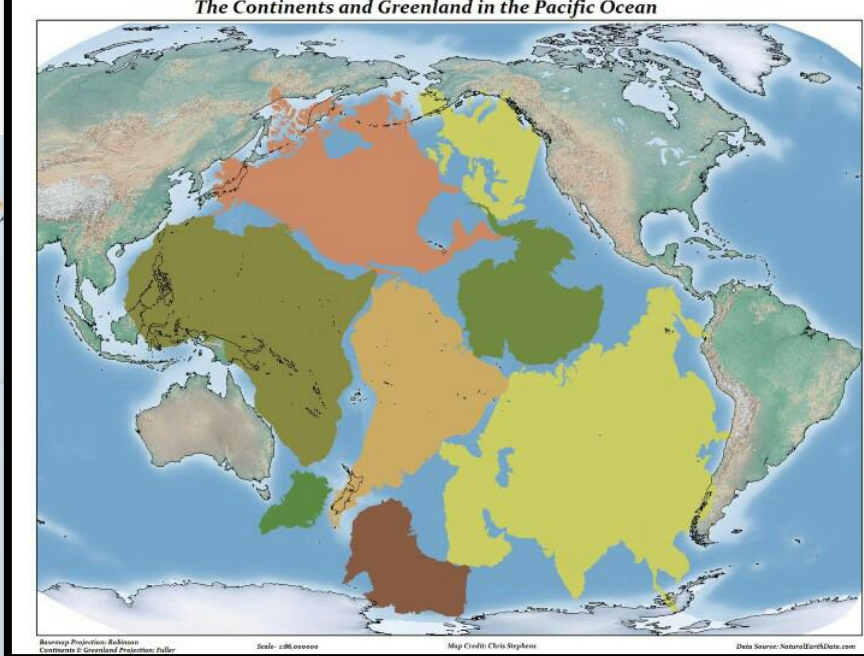
Olivia Loy
Admin Support

Where we work

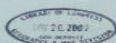
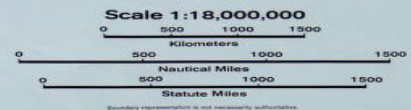
The biggest region in the world



30% of
the
World!

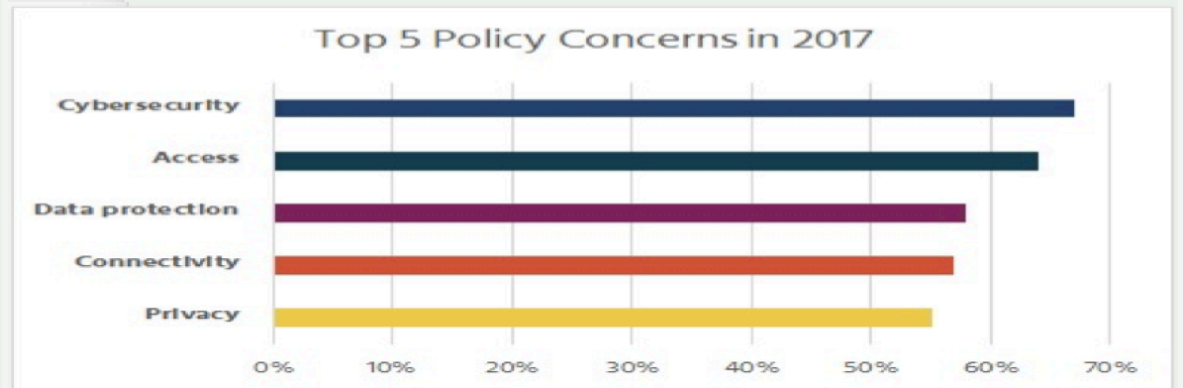
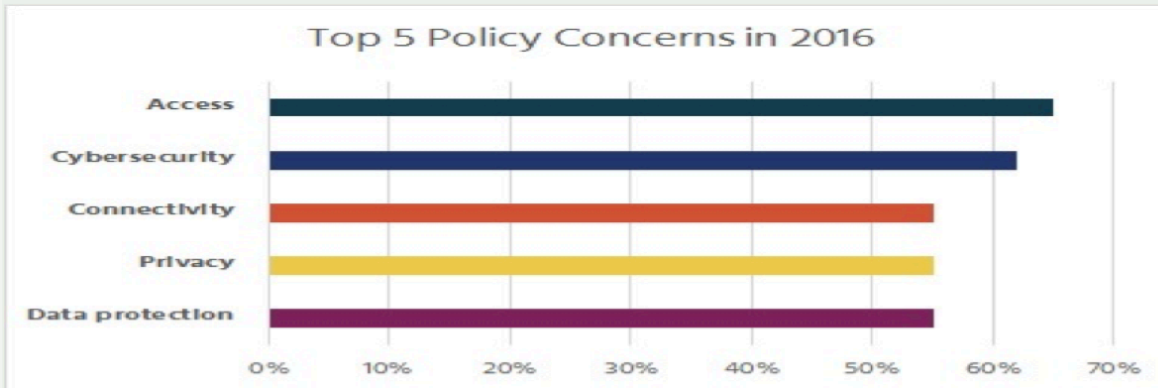
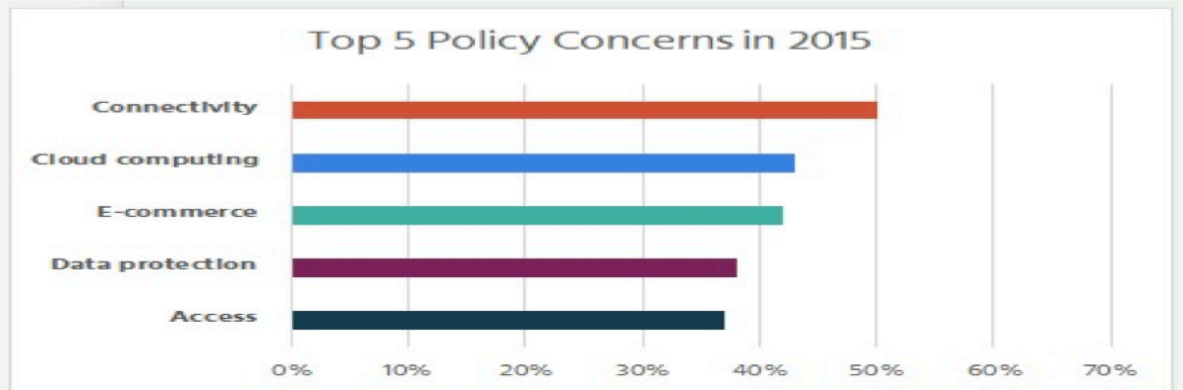
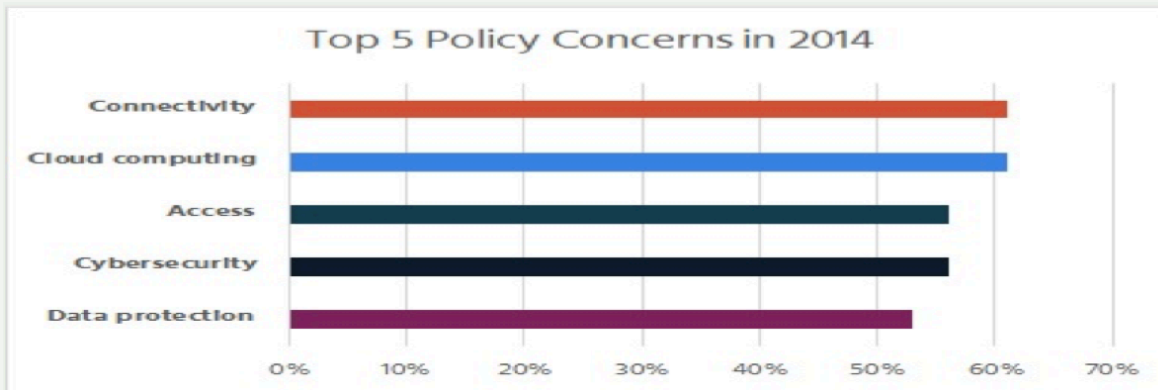


East Asia and Oceania



Survey of Internet Policy Issues in Asia-Pacific

- Launched in 2014, our annual study gathers the views of Internet stakeholders towards topical Internet policy concerns in the region
- On average, over **2,000 responses per year** from around **40 economies**



Wireless for Communities (W4C)

- Launched in 2010 - **over 100 sites in South Asia** (direct and inspired)
- Has received **2 international awards**
- Addresses gap in last mile connectivity through community owned, operated and managed networks in unserved and underserved areas
- Digital literacy, supplementary education and e-entrepreneurship skills, focusing on **women empowerment**





Sub-regions

ISOC @ South Asia

Global Members: 20000+

Chapters: 11

Chapter Members: 13000+

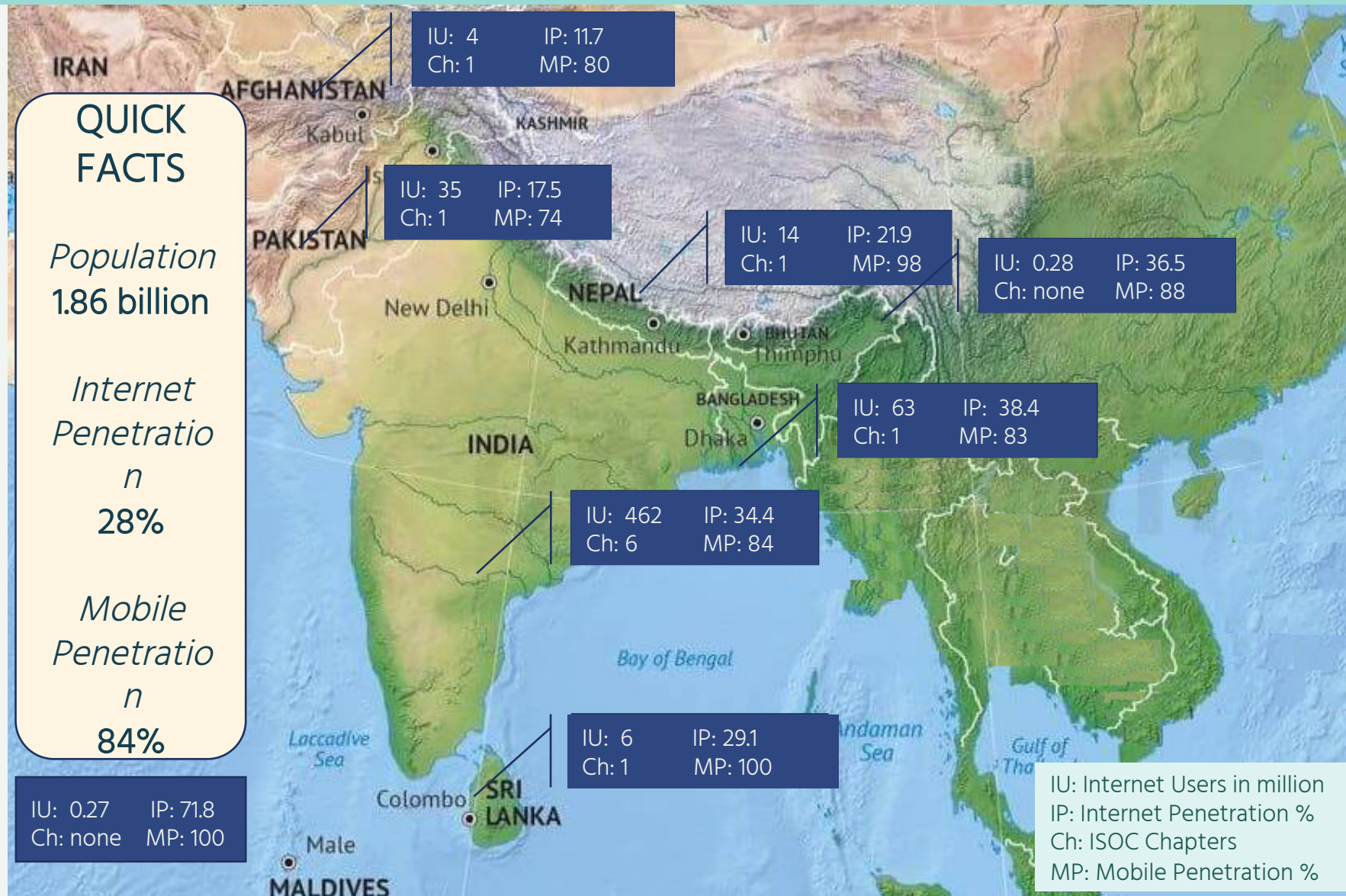
QUICK FACTS

Population
1.86 billion

Internet
Penetration
28%

Mobile
Penetration
84%

IU: 0.27 IP: 71.8
Ch: none MP: 100

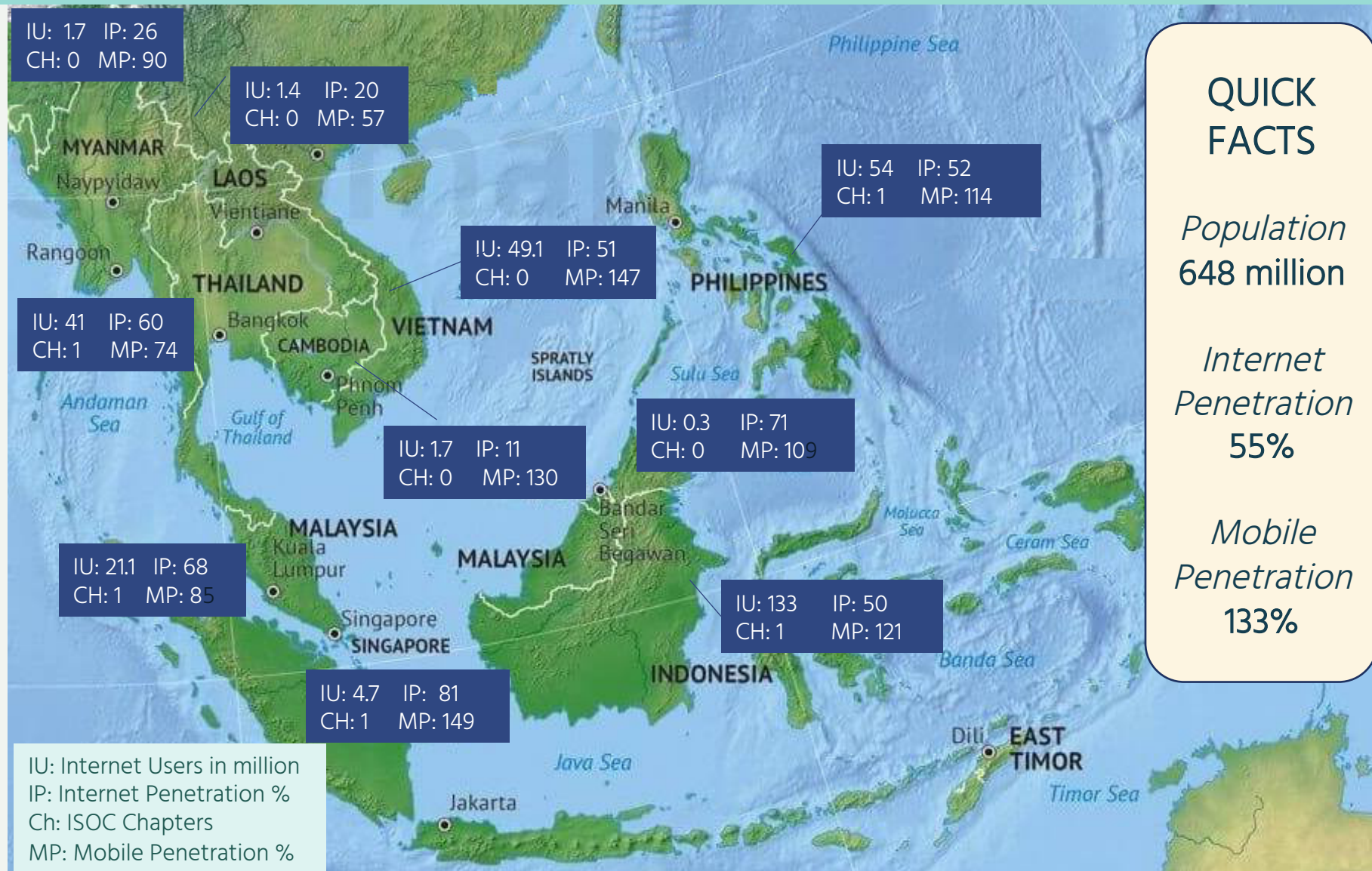


ISOC @ South East Asia

Global members: 6500+

Chapters: 5

Chapter Members: 3000+

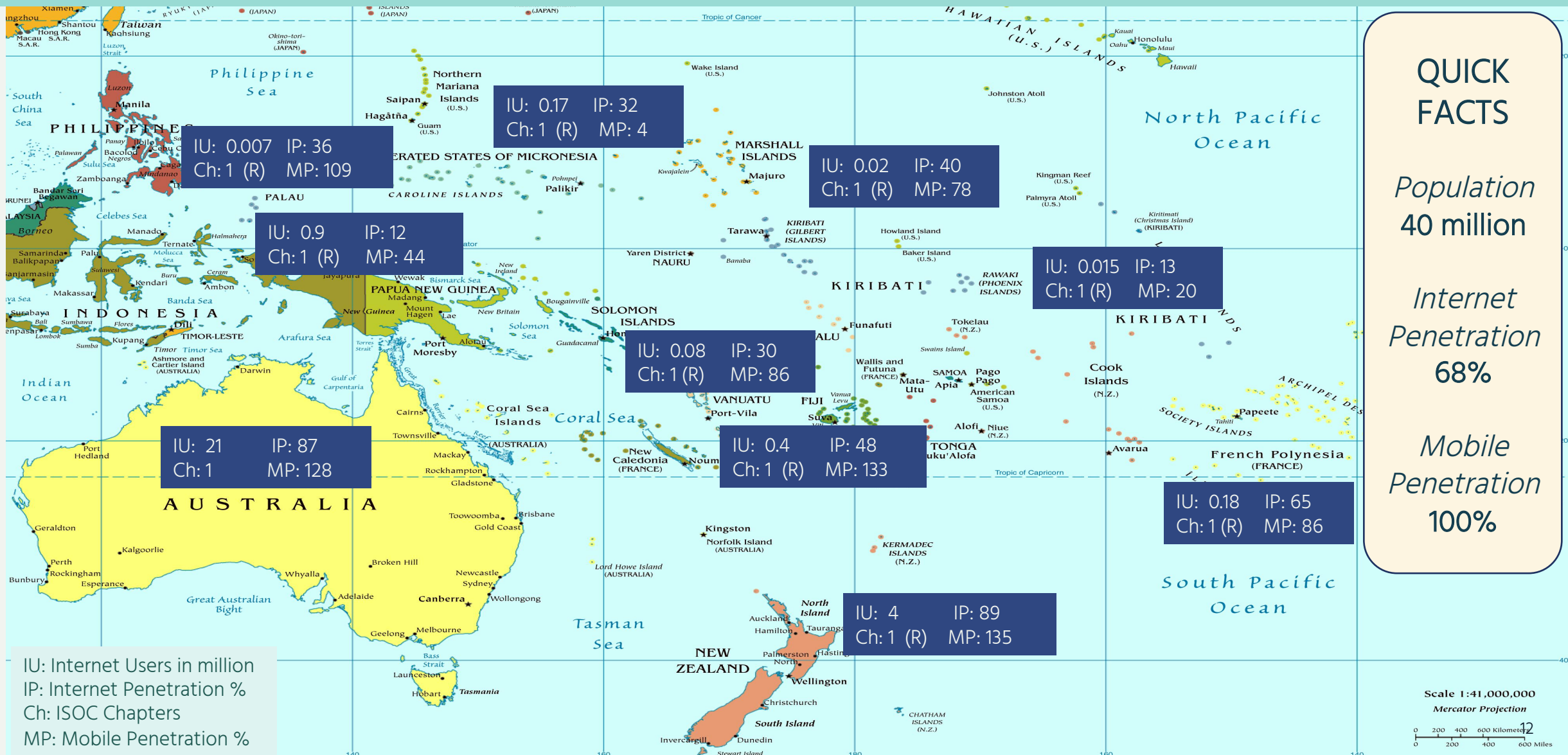


ISOC @ Oceania

Global members: 1000+

Chapters: 2

Chapter Members: 800+



QUICK FACTS

Population
40 million

Internet
Penetration
68%

Mobile
Penetration
100%

QUICK FACTS

Population
1.63 billion

*Internet
Penetration*
65%

*Mobile
Penetration*
138%

IU: Internet Users in million
IP: Internet Penetration %
Ch: ISOC Chapters
MP: Mobile Penetration %

IU: 1 IP: 35.6
Ch: 0 MP: 117

Ulaanbaatar

MONGOLIA

IU: 0.0014 IP: 0.1
Ch: 0 MP: 12.3

NORTH
KOREA

Pyongyang

Seoul

JAPAN

Tokyo

IU: 115 IP: 93.3
Ch: 1 MP: 115

IU: 43 IP: 85.7
Ch: 1 MP: 112

SOUTH
KOREA

IU: 721 IP: 52.2
Ch: 0 MP: 96

CHINA

Beijing

East
China
Sea

IU: 19.7 IP: 86.6
Ch: 1 MP: 123

Taipei

TAIWAN

IU: 5.7 IP: 84.9
Ch: 1 MP: 240

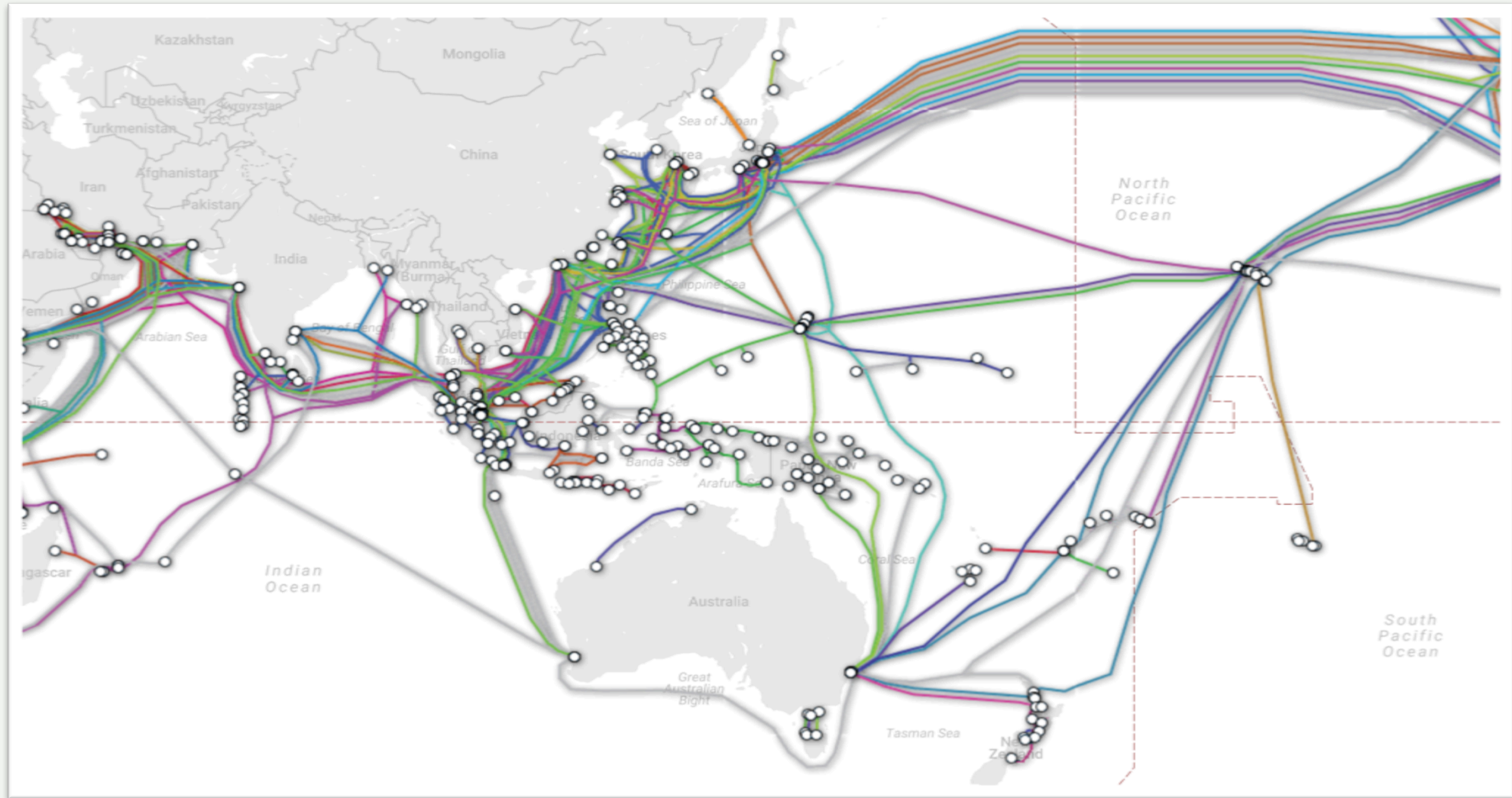
HONG KONG S.A.R.
MACAO S.A.R.

IU: 0.43 IP: 77.6
Ch: 0 MP: 290

Philippine

Internet Landscape

Cable capacity goes up by 30% annually

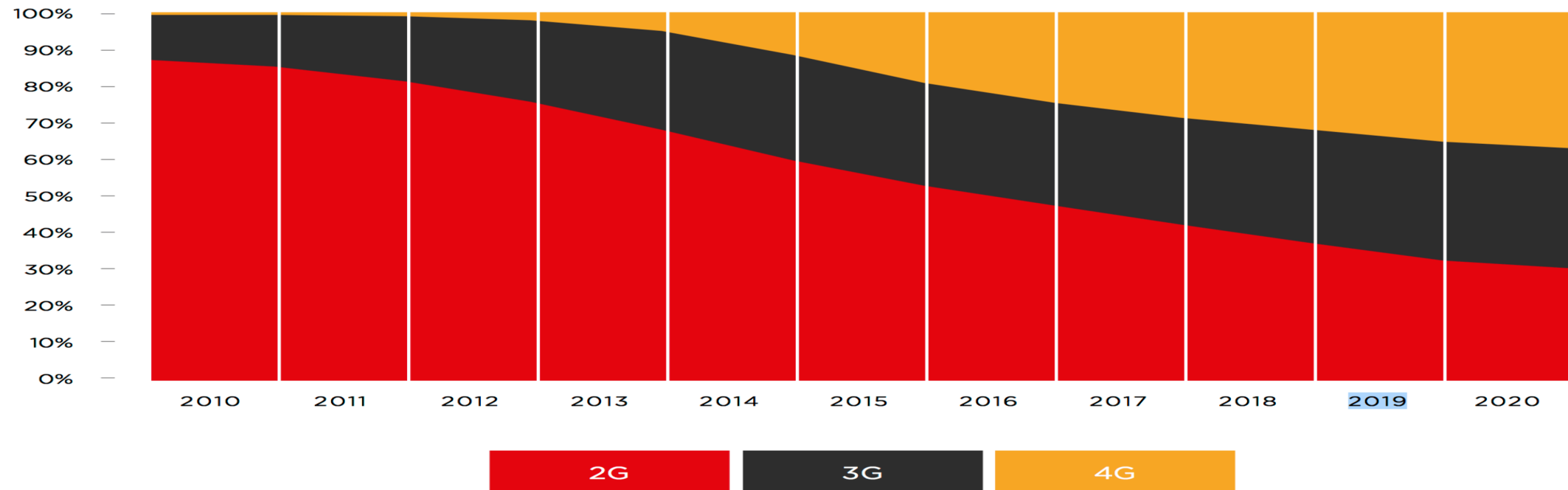


Source: TeleGeography

'Mobile-first' to 'mobile-only' region

Technology migration in Asia-Pacific

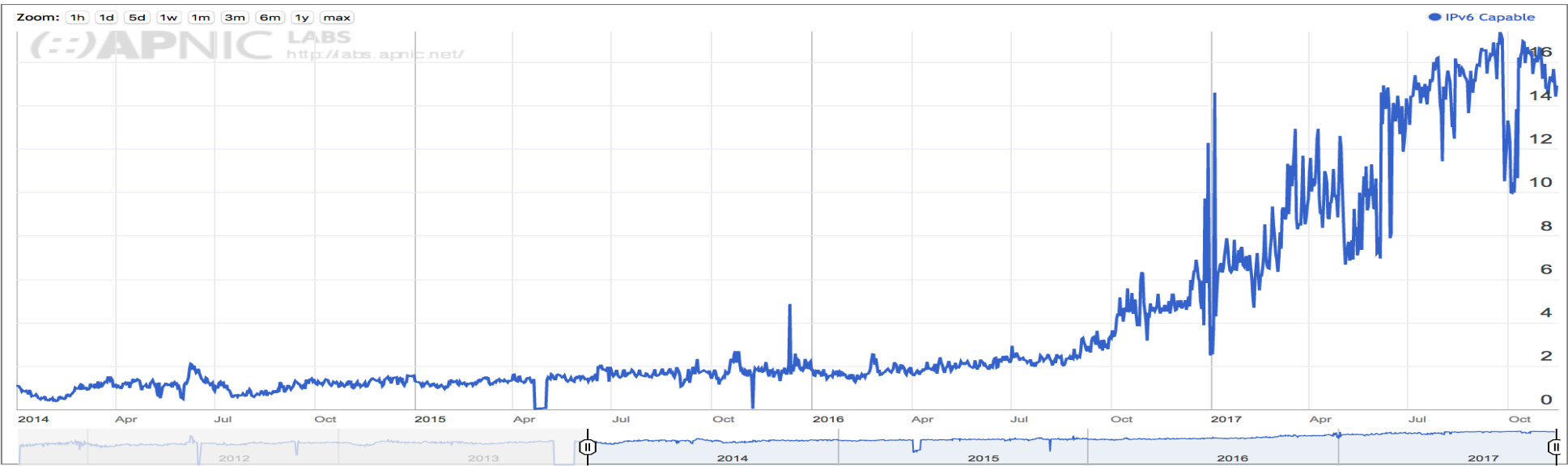
Percentage of connections



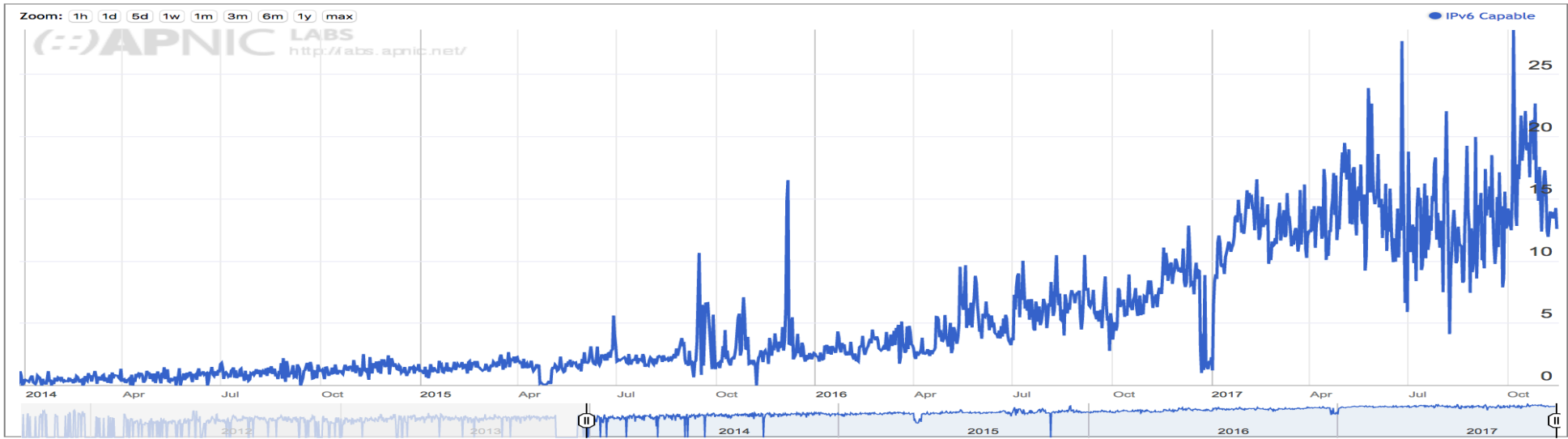
Source: GSMA

IPv6 use increases slowly but steadily

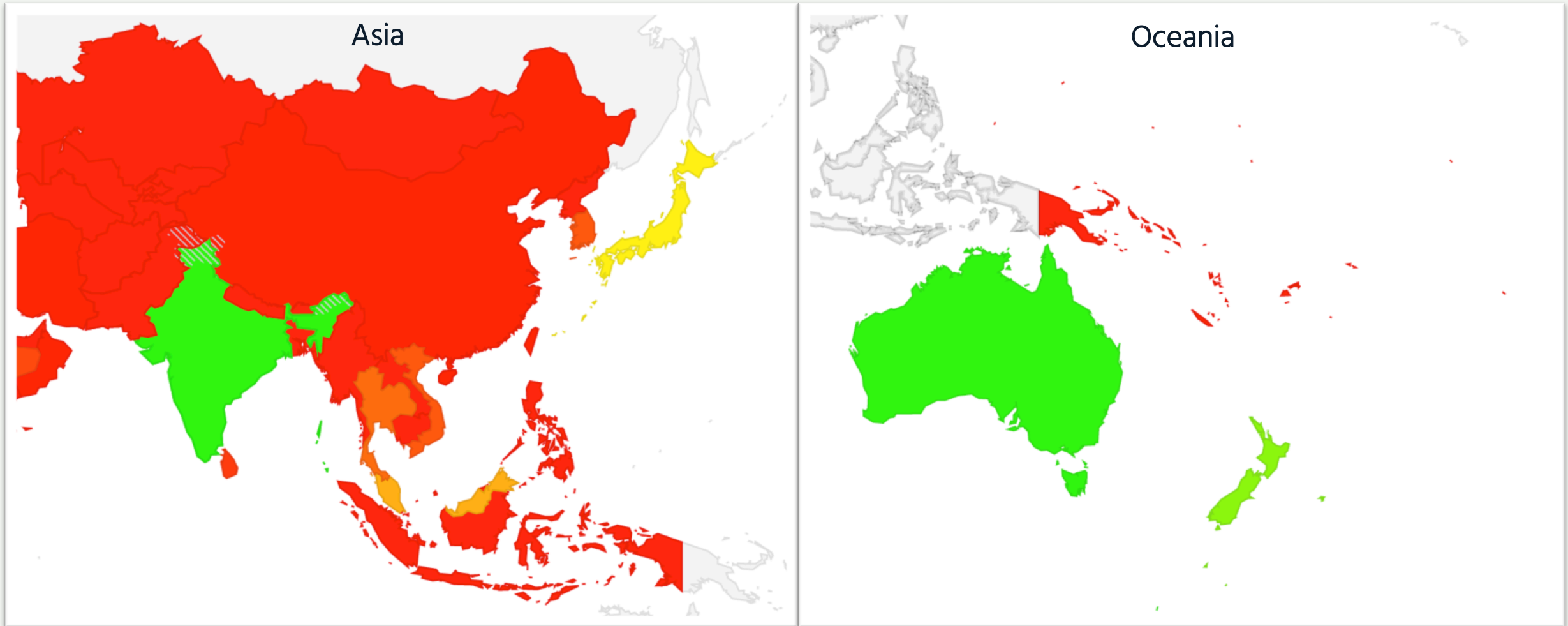
Asia



Oceania



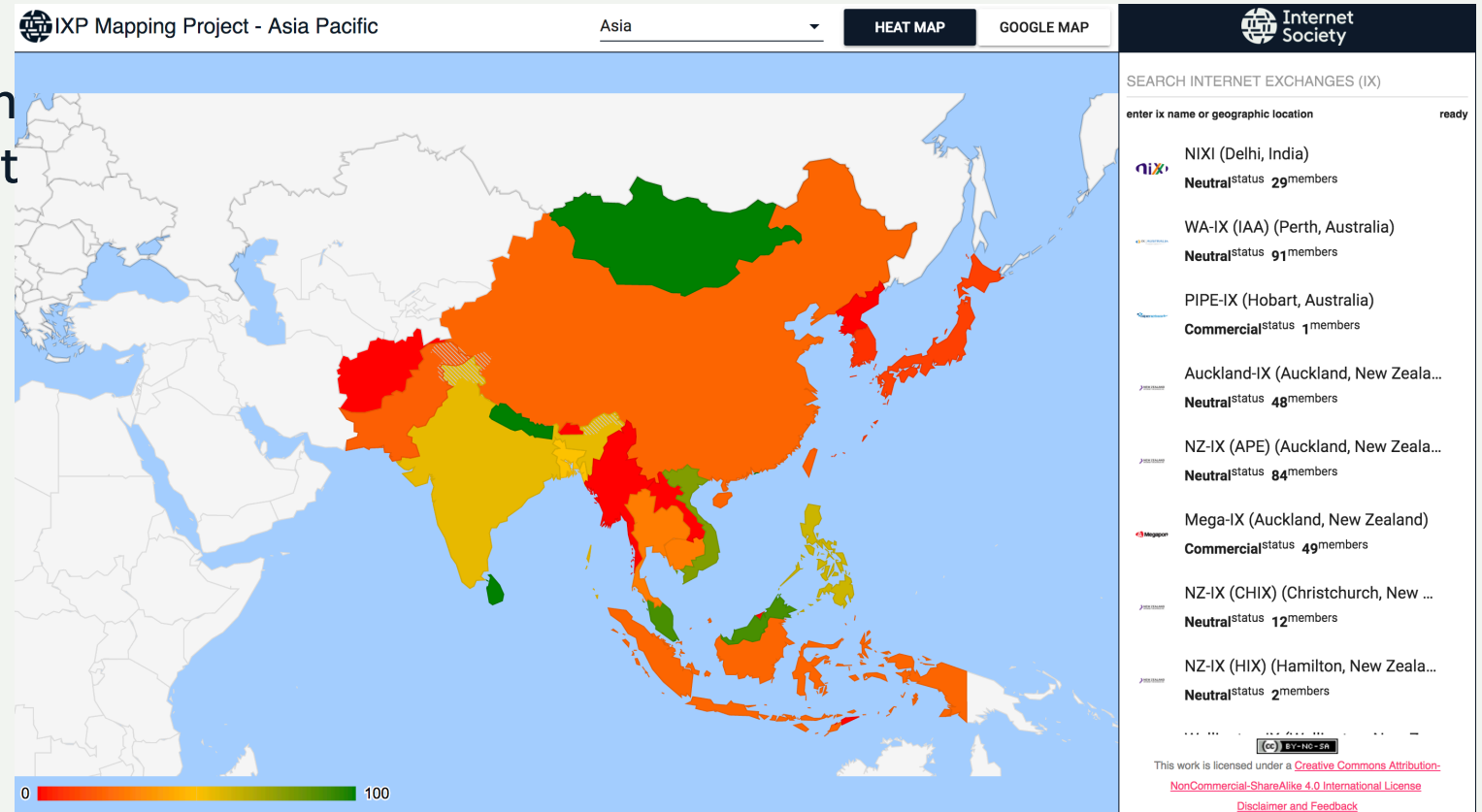
IPv6 Deployment Heat map APAC





IXP Mapping Project – APAC [www.ixpmap.org]

- Mapping all active IXPs in South Asia, Southeast Asia, North/East Asia, Pacific
- Identifies cities that would benefit from an IXP based on population
- On-going project, *initiated specifically to support AP-IS**; contributions welcome
- www.ixpmap.org



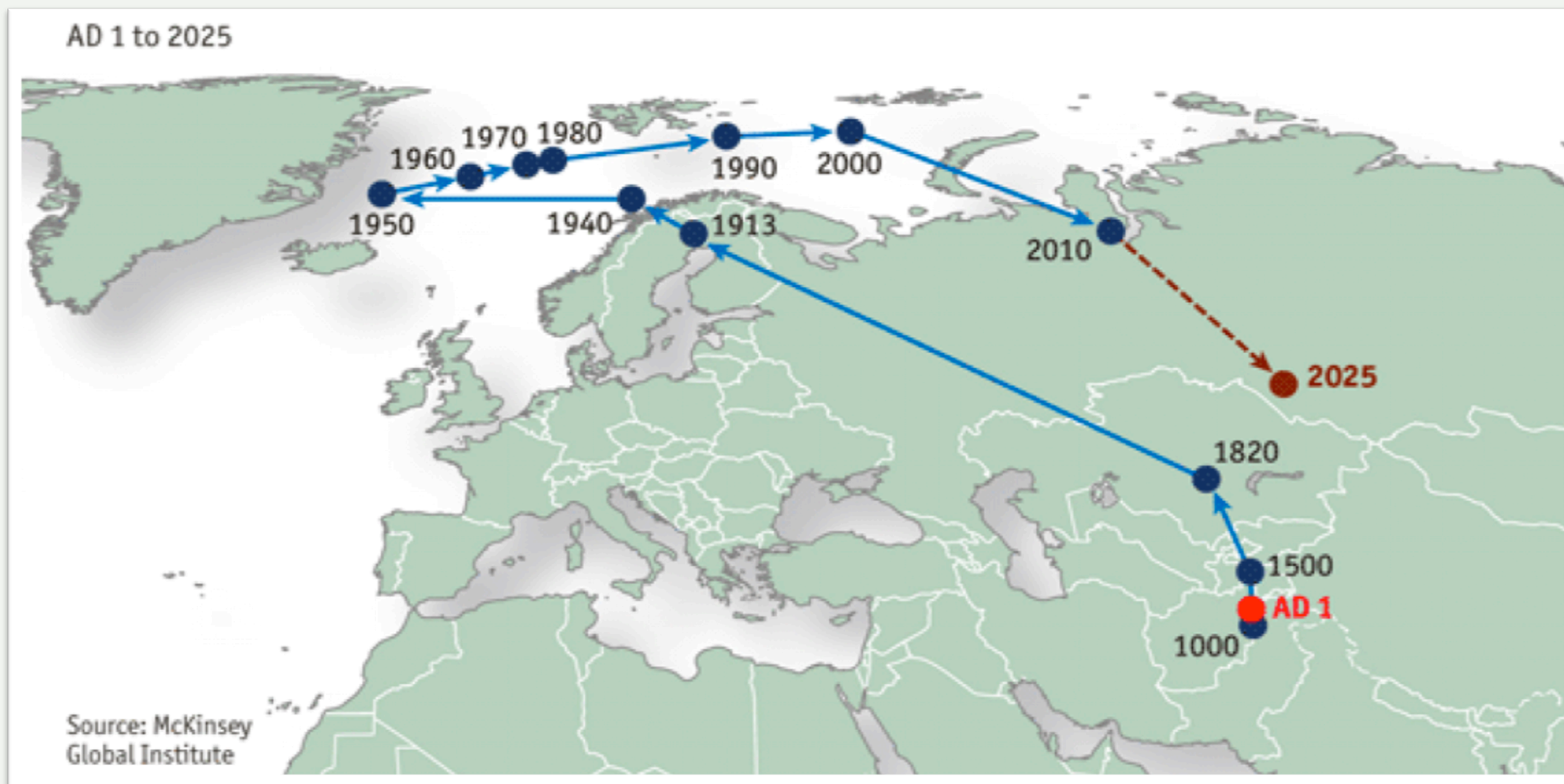
*Asia-Pacific Information Superhighway

<http://www.unescap.org/our-work/ict-disaster-risk-reduction/asia-pacific-information-superhighway>

Regional Headlines around Internet Policy & Regulation

- Laws on Cyber Security
- Internet Surveillance and Content Blocking
- Narrowing the Digital Divide
- Emphasis on Digital Economy
- Net Neutrality/OTT
- Privacy

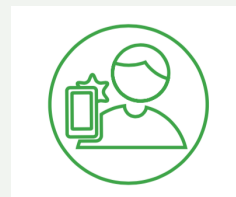
The world's centre of economic activity



Development – Digital Strengths & Opportunities

Asia-Pacific encompasses a wide array of countries at different stages of digital development, with their own unique challenges and outlook, and therefore their own pathways to digital transformation. In general, governments across the region have realised the linkage between ICTs and socio-economic development; and therefore focusing on:

- Investing in ICT infrastructure
- Encouraging innovation and use of ICTs for service delivery
- Fostering digital inclusion
- Improving digital literacy and building capacity



Young and tech savvy population



The region represents more than half of world's mobile population



Strong economic growth

Emergence of local players



Flipkart



**Mobile
contributing
to economic
and social
development
across the
region**



DIGITAL INCLUSION

Delivering digital inclusion to the still unconnected populations.

MOBILE INTERNET PENETRATION

50% 2016 — 2020 63%



FINANCIAL INCLUSION

Delivering financial inclusion to the unbanked populations. As of May 2017 there were

76 live mobile money services in 22 countries



INNOVATION

Delivering innovative new services and apps. Number of M2M connections to reach

476 million by 2020

Source: GSMA

Asia-Pacific Regional Issue Papers

- Series of issue papers to provide guidance to decision-makers and stakeholders
- Key findings, information on the state of play, opportunities as well as questions to think about
- Topics include (available at www.internetsociety.org/apac)
 - Gender
 - Digital Access
 - Online Privacy
 - Policies for the Digital Economy
 - Local Content
 - Internet of Things
 - Social Media
 - Climate Change
 - Financial Inclusion
 - Rural Connectivity
 - Frugal Innovation and Entrepreneurship
 - Enabling E-services
 - Disaster Risk Reduction
 - Community Empowerment
 - Internet Safety

Collaboration, Coordination & Cooperation
to further Access and Trust in the region

Some highlights of our work this year

An integrated regional strategy

Diversity of region requires a **dynamic** approach

Focus on **building capacity** for developing countries, **enhancing** security & stability of Internet infrastructure, **raising** awareness on access and trust issues, **advocating** for an open and accessible Internet, **supporting** the open standards development process, **facilitating** multistakeholder dialogue, and **collaborating** with partners and stakeholders to **reduce** duplication of efforts and **maximise** our resources

Our work plan **prioritises** cross-collaboration **within** and **between** stakeholders and issues



Our work under Access

Community Networks: **building** infrastructure and community capacity to **leverage** connectivity, facilitating exchange of knowledge and expertise (CNXAPAC)

Digital Accessibility: raising **awareness** among target **groups** (policymakers, software developers); development of workshop **toolkit**

Technical Outreach: **support** of NOGs (including advocating greater **gender** diversity of fellowship programmes), technical **assistance** (including establishing neutral IXPs)

Leadership Development: online **training** (IG for youth and APriGF/APIGA fellows), IETF Public Policy track, **mentoring** and face-to-face training

Policy advocacy and principles: Regional **issue** papers, studies (LLDCs, SIDS, CNs), **joint** workshops/events, speaking engagements, country **engagement**

Shaping the IG conversation: **support** of national and regional IGFs, SIGs, **promoting** participant **diversity** (including gender and developing countries)

Our work under Trust

Furthering Online Privacy: **sub-regional** approach to gather views and best practices on online privacy to further discussions on trust in the digital economy and the future, mindful of the **diversity** of the region and its nuances

Asia Internet Symposium: focused events to drill down on Internet topics of local importance and a way forward to help local stakeholders make informed choices and decisions (Vietnam and cybersecurity)

Collaborative Approach to security: **promotion** of MANRS to the operators/RIR community, and the collaborative security **approach** to industry, governments and **regional** policy/regulatory forums

Engaging stakeholders: **across** sectors to advocate for **shared** responsibility for our **collective** digital security – both now and into the future

A (small!) sampling of our activities

IETF Awareness
16 workshops in 2016 reaching
1000+ participants in
Indonesia, Philippines,
Singapore
2017: South Asia (Bangladesh,
Pakistan, Sri Lanka)
3 Drafts, 2 Fellows at IETF 100



Moderated IG Course
for 60+ participants from 20+
economies conducted online
over two 5-week periods

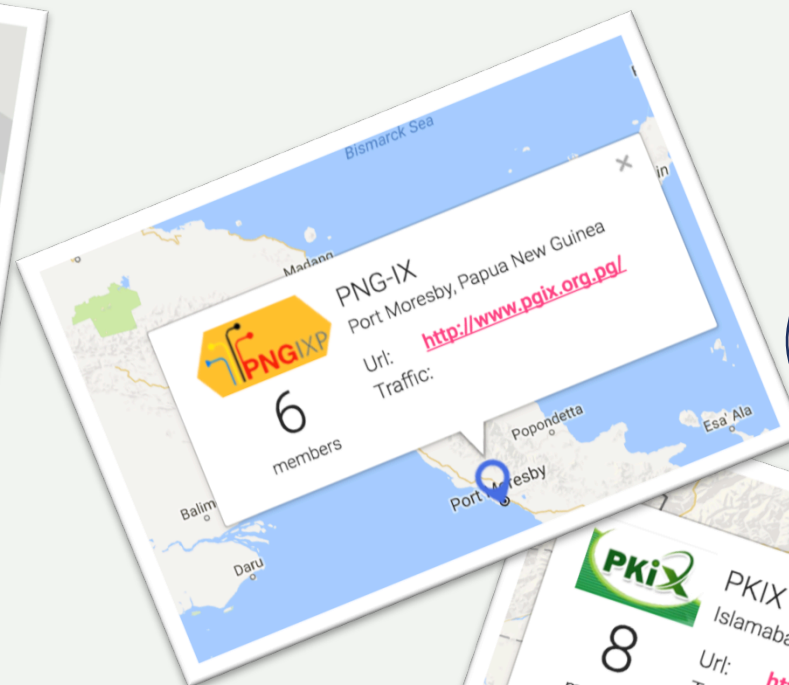
**Online Privacy
Workshops**
in India, Philippines,
Singapore, Vanuatu with
partners including National
Privacy authorities, Media,
Chapters, Government
Agencies

**Digital Accessibility
Workshops**
in Indonesia and Sri Lanka,
with partners including
Chapters, Government
Agencies, Disabilities Groups



Mapping Online Child Protection in Asia-Pacific

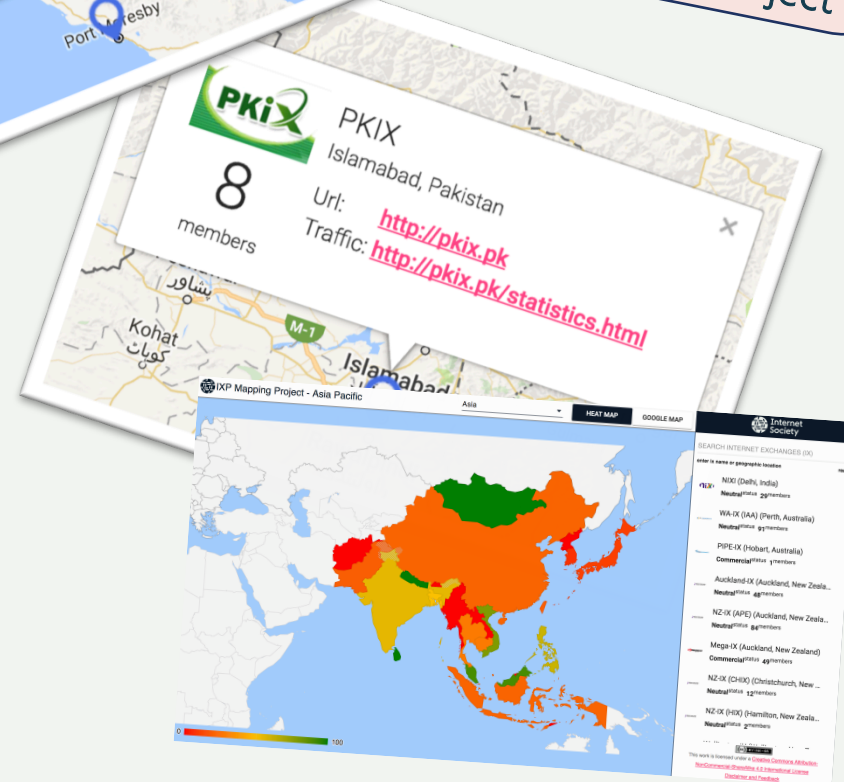
an overview of initiatives, policies and best practices across 11 economies covering low, moderate, high Internet penetration levels



New IXPs and IXP Mapping Project in Pakistan and Papua New Guinea, working with government agencies, local operator community and RIR and launch of regional IXP Mapping project



Formation of APASA partnering with APNIC, DotAsia and ICANN, we formed the **APAC Alliance for Schools and Academies of Internet Governance** (APASA) to streamline **funding** and inter-organisational **collaboration** for IG initiatives in the region



Our year so far

25

Economies

50

Speaking
Engagements

30

Events and
Activities

3,000+

People
Trained

Media Coverage



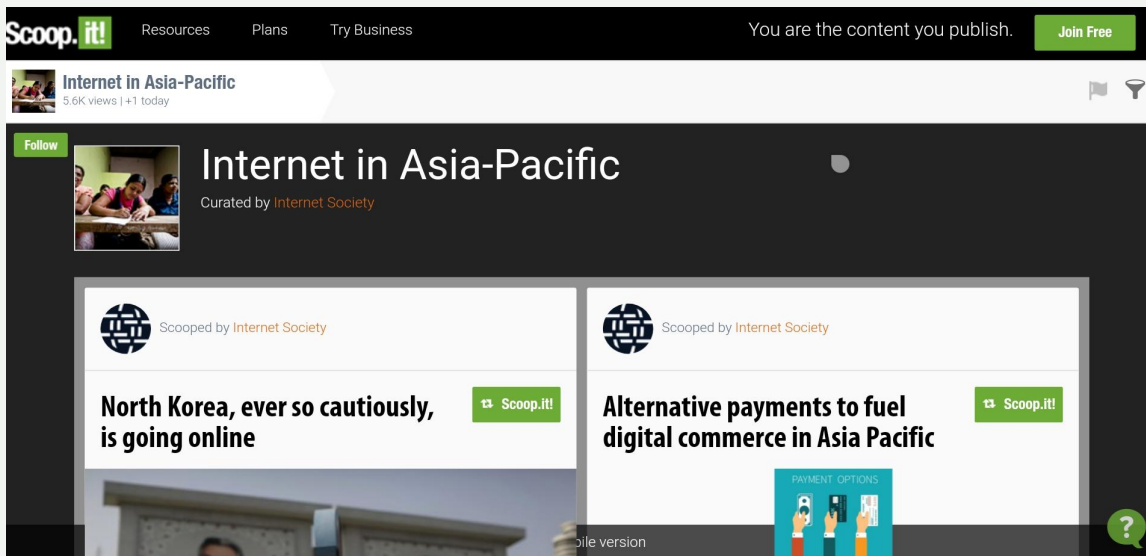
Keep in touch!

<https://internetociety.org/apac>

apac@isoc.org

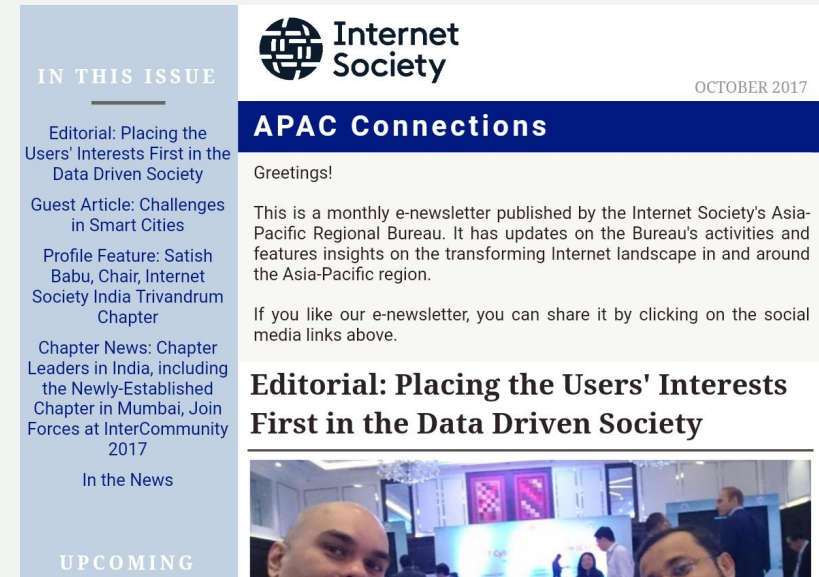
[@ISOCapac](https://twitter.com/ISOCapac)

*Curated
news from
Asia-Pacific*



<https://www.scoop.it/t/internet-in-asia-pacific>

*Regional
Newsletter*



<https://bit.ly/ISOC-APAC-signup>

What does the Internet mean for APAC?

*Internet For Me video



Thank you.



Internet Society Asia-Pacific

www.isoc.org/apac

apac@isoc.org

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