APNIC Update

ARIN 53

Paul Wilson

APNIC

Strategic Plan 2024 – 2027

Registry

Allocate and register Internet number resources in the Asia Pacific region.

Development

Assist in the sustainable development and growth of the Internet in the Asia Pacific region.

Value Streams

ENGAGEMENT

REGISTRY   DEVELOPMENT

CAPABILITY

Engagement

Encourage and support diverse community cooperation in building an open and stable Internet.
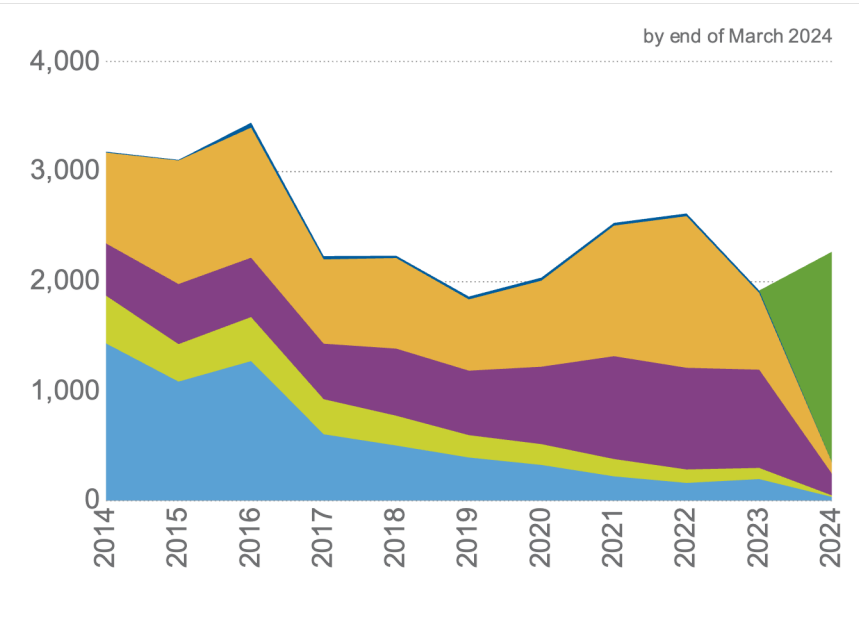
Capability

Provide comprehensive organizational support to to increase APNIC Secretariat value to the community.
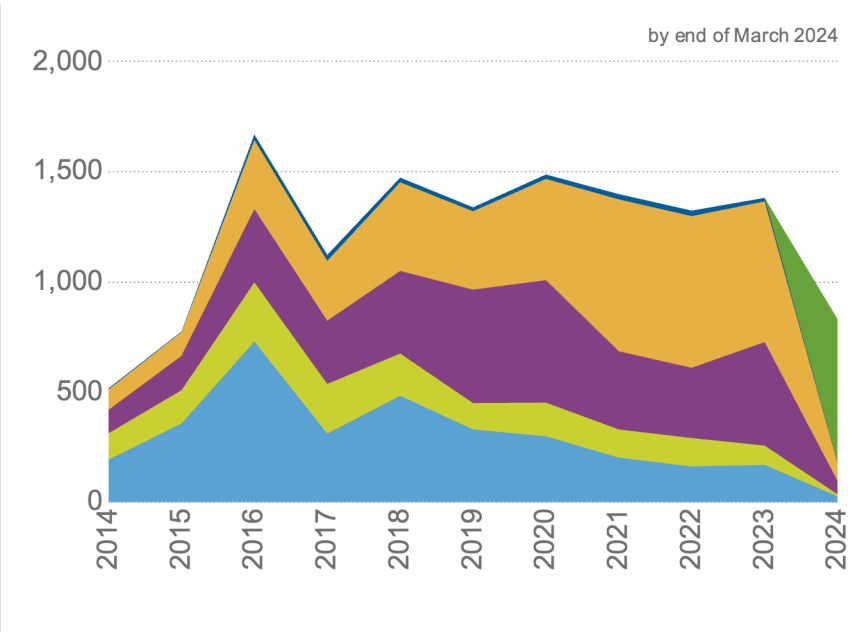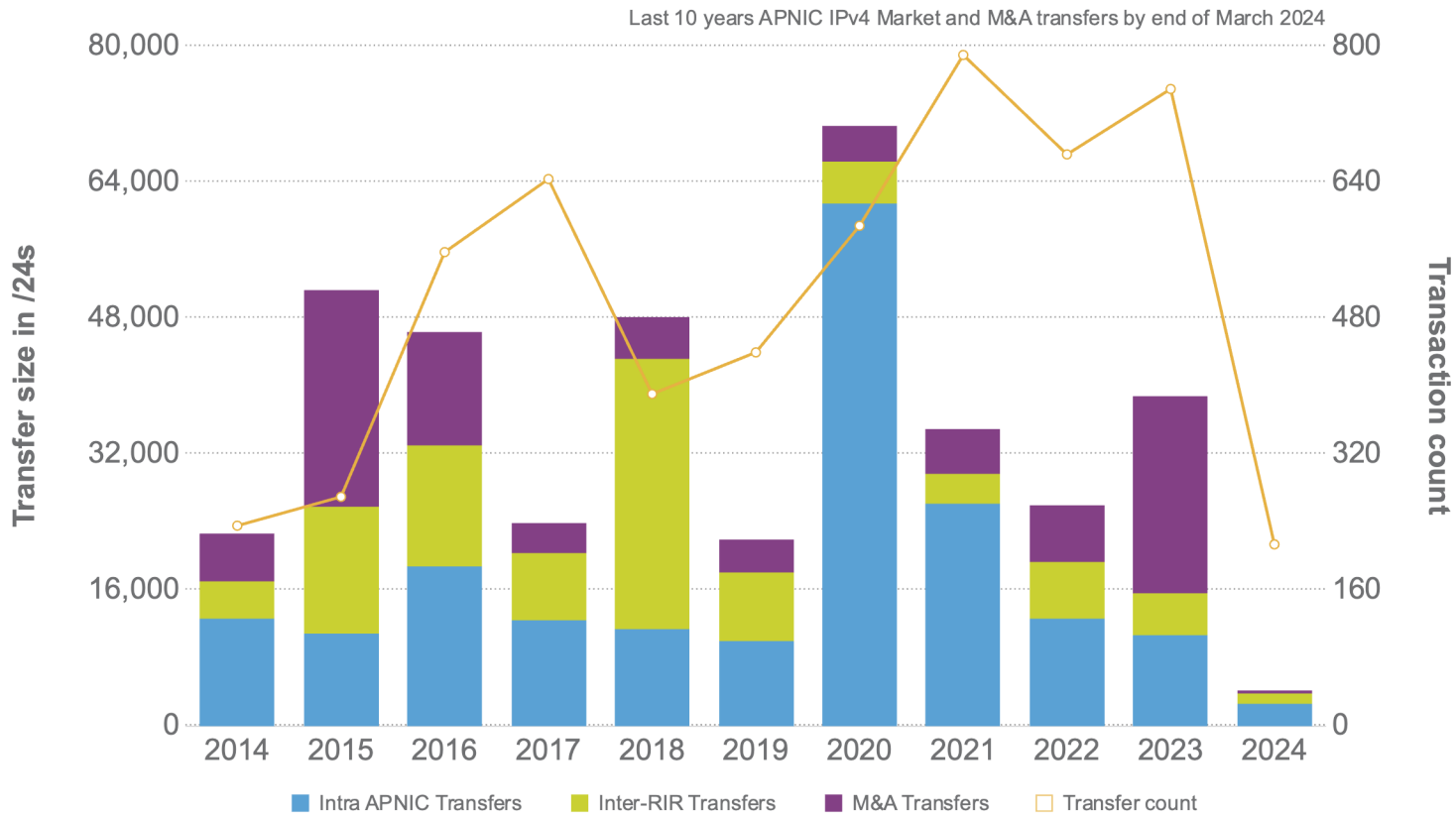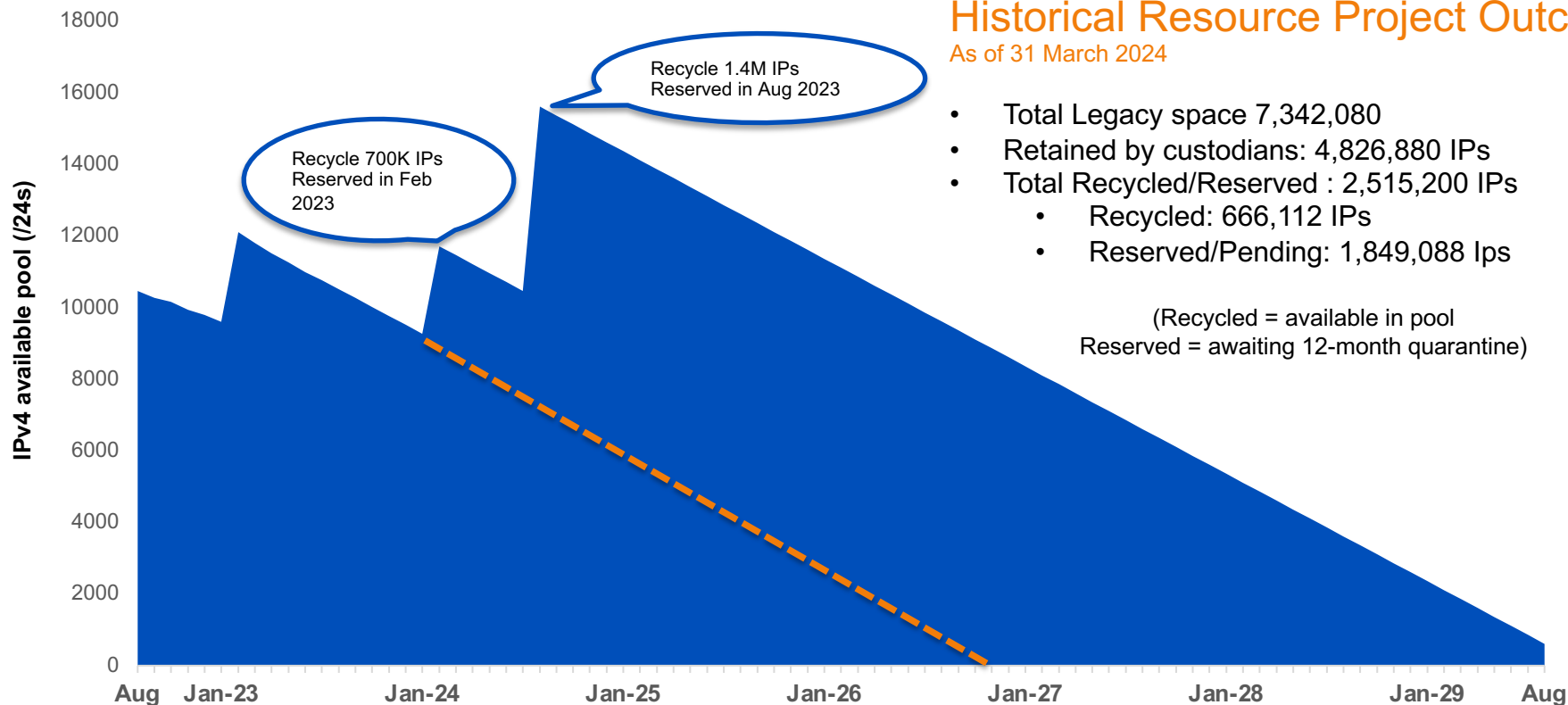
Enablers

Resource delegations

Legend:
- Projection
- Out of region
- South Asia
- South-eastern Asia
- Oceania
- Eastern Asia

IPv4

by end of March 2024

IPv6

by end of March 2024

APNIC

Transfers

Last 10 years APNIC IPv4 Market and M&A transfers by end of March 2024

Transfer size in /24s

Transaction count

- Intra APNIC Transfers
- Inter-RIR Transfers
- M&A Transfers
- Transfer count

IPv4 available pool projection

IPv4 available pool (/24s)

18000
16000
14000
12000
10000
8000
6000
4000
2000
0

Recycle 700K IPs
Reserved in Feb 2023

Recycle 1.4M IPs
Reserved in Aug 2023

Aug Jan-23 Jan-24 Jan-25 Jan-26 Jan-27 Jan-28 Jan-29 Aug
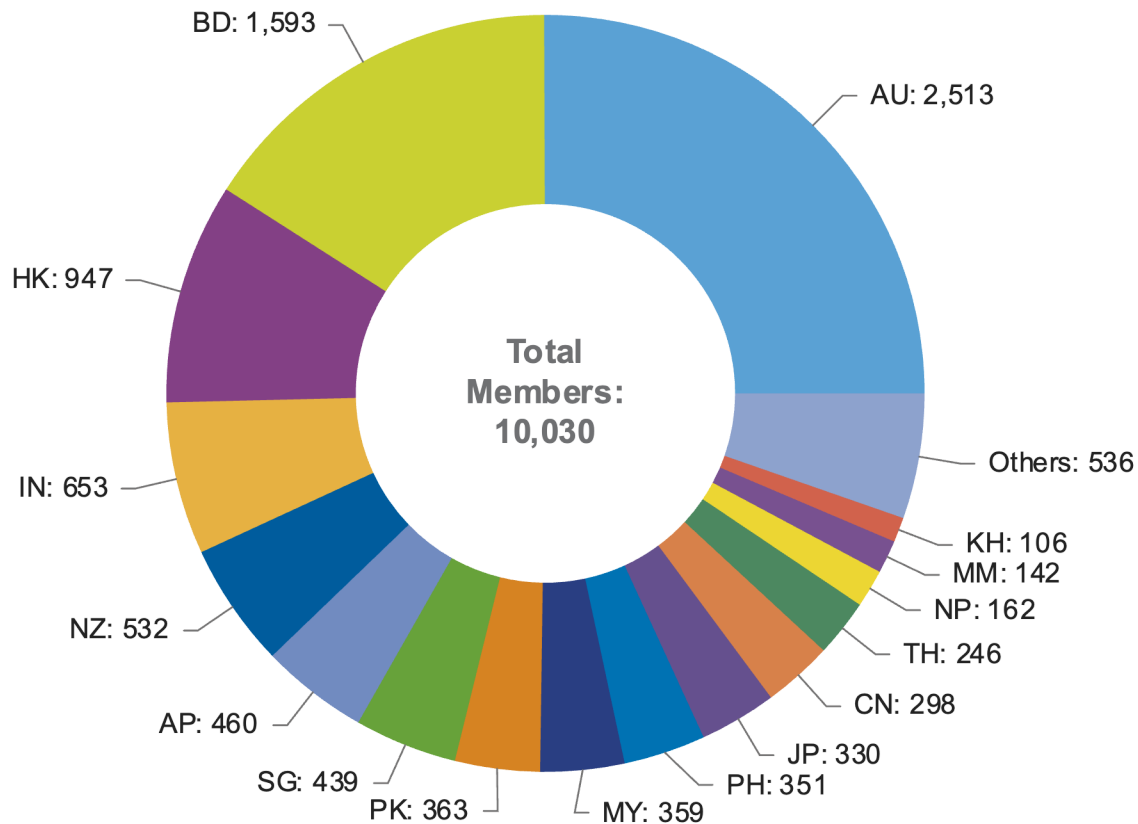
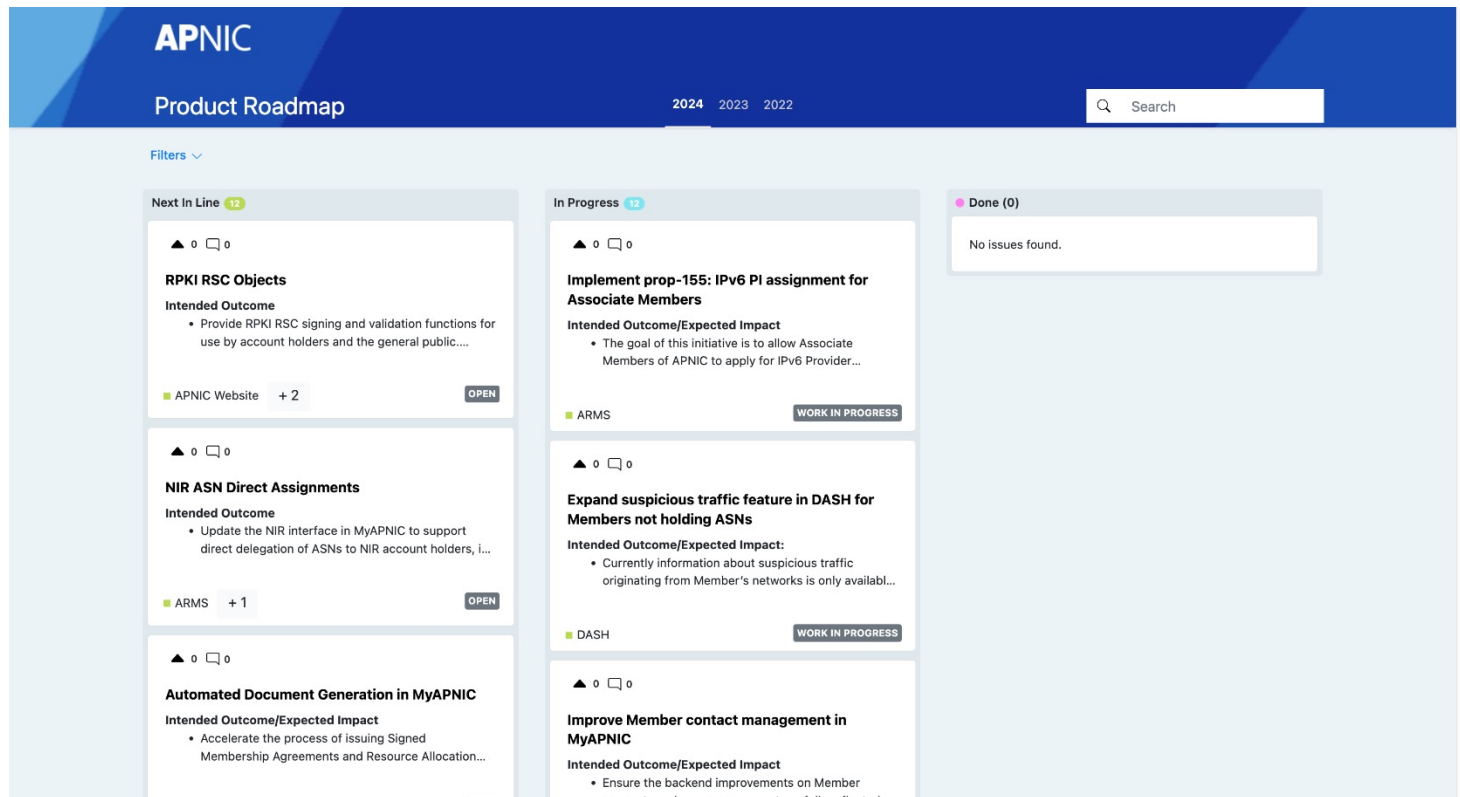## Historical Resource Project Outcome
As of 31 March 2024

- Total Legacy space 7,342,080
- Retained by custodians: 4,826,880 IPs
- Total Recycled/Reserved : 2,515,200 IPs
  - Recycled: 666,112 IPs
  - Reserved/Pending: 1,849,088 Ips

(Recycled = available in pool
Reserved = awaiting 12-month quarantine)

APNIC Membership

Total Members: 10,030

- AU: 2,513
- BD: 1,593
- HK: 947
- IN: 653
- NZ: 532
- AP: 460
- SG: 439
- PK: 363
- MY: 359
- PH: 351
- JP: 330
- CN: 298
- TH: 246
- NP: 162
- MM: 142
- KH: 106
- Others: 536

Product Roadmap – 2024

https://roadmap.apnic.net

Product Roadmap – 2023

https://roadmap.apnic.net

Registry Products

Roadmap goals completed

- Pre-validate all RPKI changes to avoid errors

- Improve ASN delegation identity in whois and MyAPNIC

Additional goals completed

- prop-150 and -151 implemented

- ROA publication speed improvements

- Geofeed attribute added to whois objects

- Core registry operation updates

Roadmap goals in progress

- RSC object implementation (creation/validation)

- Update authorization mechanisms for whois

Additional goals in progress

- RPKI resilience

- RDAP re-architecture

- IRRd deployment

- Six IETF drafts

Membership Products

Roadmap goals completed

- Improve internal API authentication

- Additional widgets in MyAPNIC dashboard

- Re-architect workflow code off end-of-life OS servers

- Automate and improve account closure processes

Additional goal in progress

- Improve Member contact management in MyAPNIC

Additional goals completed

- APNIC fee calculators

- Membership renewal workflow

- Orbit platform adjustments

- Organization name change process improvements

- System updates for historical resources transition project

- Tax compliance updates

- Election and voting improvements

Information Products

Roadmap goals completed

- Add suspicious traffic alerts to the notification platform

- Expand REx to cover global RIR delegation data

- Add DASH widgets to the MyAPNIC dashboard

- Expand notification channels

- Add DNSSEC and RPKI statistics to REx

- Complete a prototype that explores graph database capabilities

Academy Products

Roadmap goals completed

- Improve Academy data reporting with BI tools

- Design training certification program

- Integrate TA platform with Salesforce case management tools

Additional goal completed

- Stage 2 of the Training Wiki migration to the APNIC Academy

APNIC PDP

Join the discussion on http://orbit.apnic.net, integrated mailing list platform

APNIC 56

- prop-155: IPv6 PI assignment for associate members
  - Easier access to /48 assignments (with conditions)
  - Endorsed by APNIC EC: IPv6 PI assignments under this policy will be considered as non-chargeable resources (as expected)

- Withdrawn or Abandoned
  - prop-152: Reduce the IPv4 delegation from /23 to /24
  - prop-153: Proposed changes to PDP

APNIC 57

- prop-154: IPv4 assignments for IXPs
  - Change the default size of IPv4 assignments for IXPs from /23 to /26, and maximum size to /22
  - Resources assigned under this policy will be non-transferable.

- prop-156: Temporary IP resources
  - To reserve a /21 IPv4 from the non-103/8 pool, as well as a /29 IPv6 and eight ASNs
  - For delegation to events such as conferences and any other reason deemed appropriate

- No consensus
  - prop-157: Temporary IPv4 transfers
  - prop-158: IPv6 auto-allocation for each IPv4 request

PDP References

- APNIC Policy Development Process
  - http://www.apnic.net/policy-development

- SIG Guidelines
  - http://www.apnic.net/sig-guidelines

- Mailing list subscription and archives
  - http://orbit.apnic.net

Community Engagement
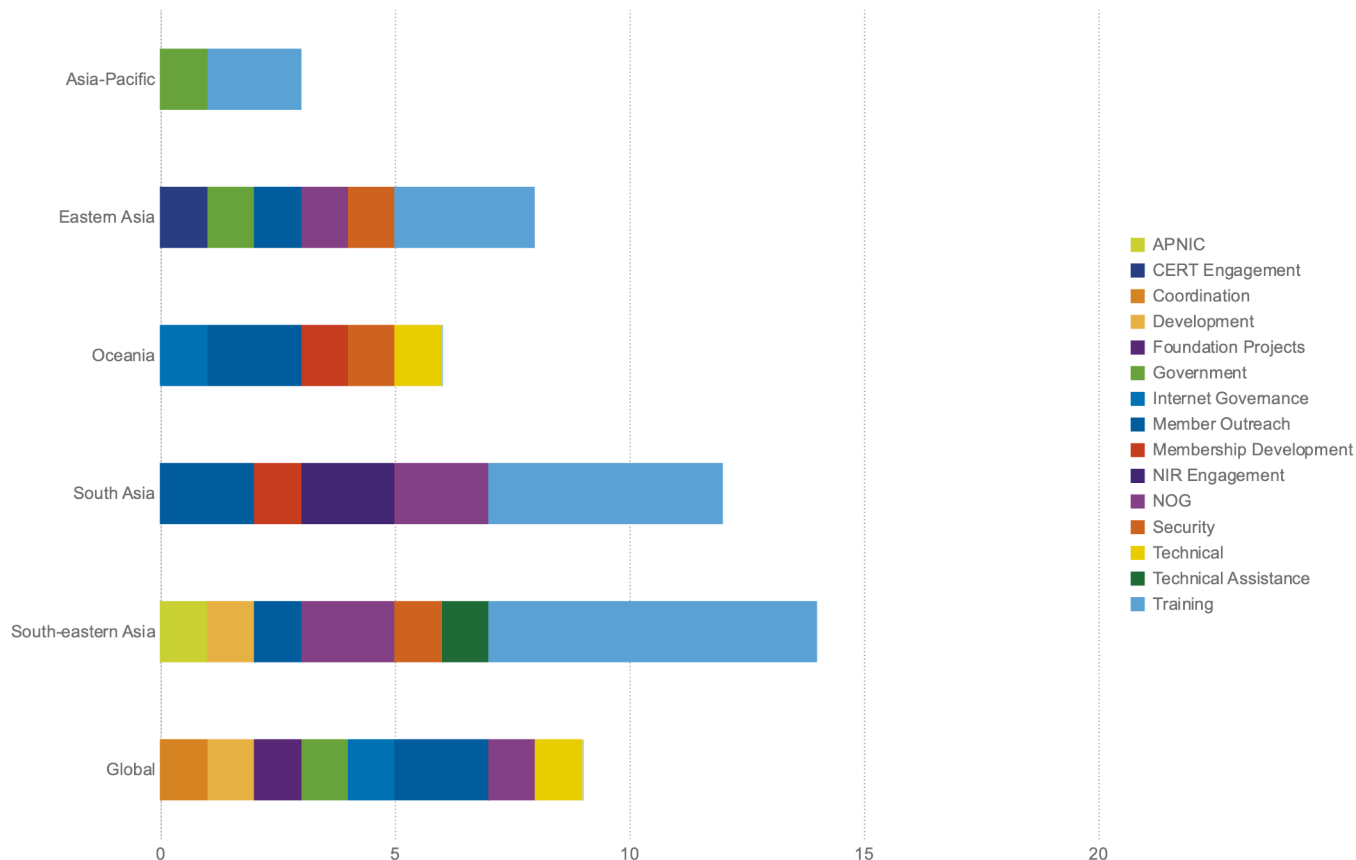
Capability

- Governance structural changes completed
  - APNIC EC Limited appointed as trustee of the sole share in APNIC Pty Ltd
  - EC members appointed as Directors of APNIC Pty Ltd
  - APNIC Members approved five resolutions to amend APNIC By-laws

- Organizational structure review and restructure

- Completed ISO 9001 external audit with zero non-conformances

- 2024 Activity Plan published

- 2023 Annual Report and audited financials published

- Kam Sze Yeung, Sumon Ahmed Sabir, and Vincent "Achie" Atienza re-elected to APNIC EC

- And you may have heard I'm moving on!
  - DG recruitment process is underway

Keep in touch!

- APNIC Survey 2024
  - Online survey will launch in June/July – please share your views

- APNIC 58 – New Zealand
  - Workshops: 30 August to 2 September
  - Conference: 4 to 6 September 2024

- blog.apnic.net and Ping podcast

- orbit.apnic.net

APNIC 58
TE WHANGANUI A TARA
WELLINGTON,
AOTEAROA NEW ZEALAND
30 August – 6 September 2024

#apnic58

Thanks!