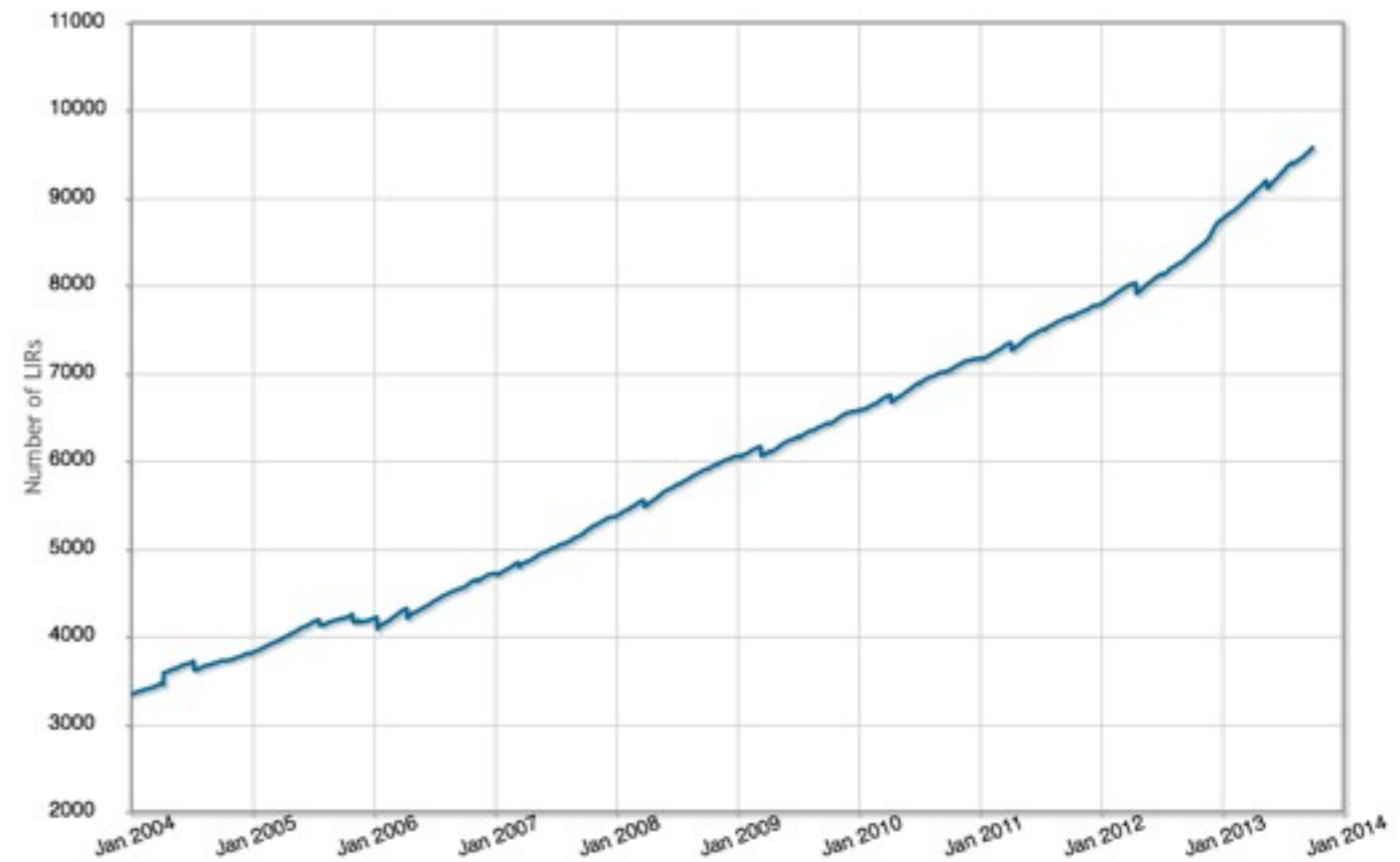# RIPE NCC Update

ARIN 32

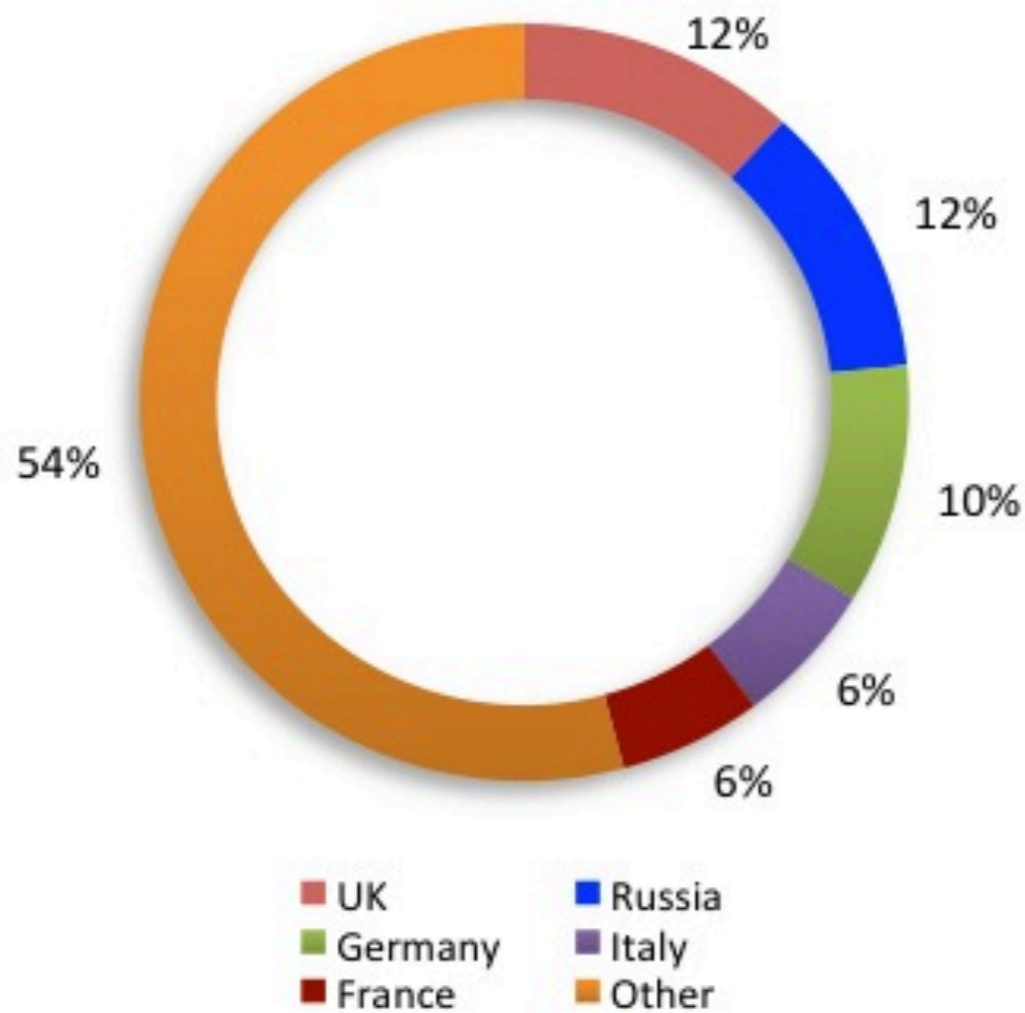Andrew de la Haye
COO
RIPE NCC

9,577 RIPE NCC Members from 76 Countries

- Steady growth

- Increased diversity

- All members must feel included

- Preserve open bottom-up, self-regulation

- Promote the RIPE Policy Development Process

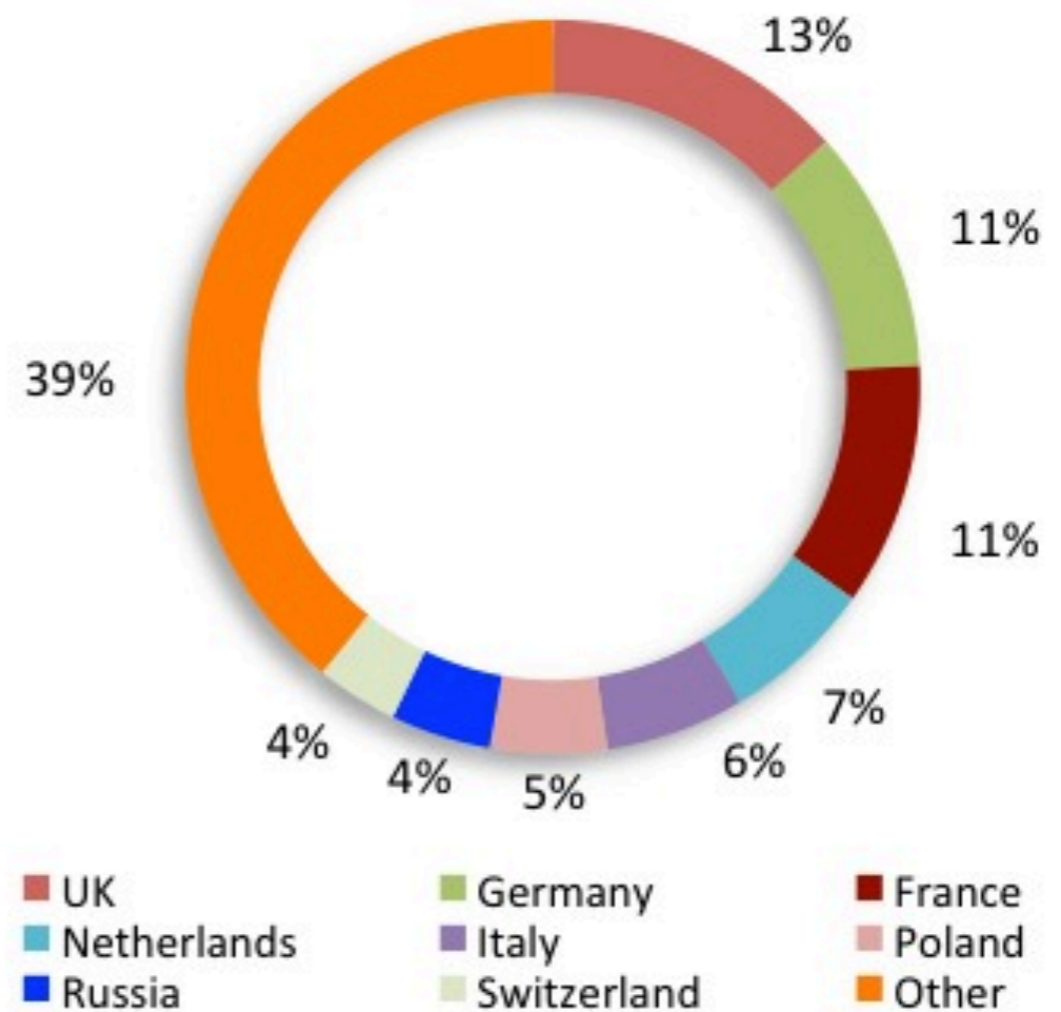- Challenge: keeping all members engaged with PDP

RIPE NCC Membership 2013

Total Membership by Country

New Membership by Country

Adapting to Members' Needs

- A range of new players

  - Who may have less time to interact with the RIPE NCC

- Evolving industry landscape

  - Increased membership engagement is necessary to understand these evolving needs

- We are adapting our services

  - New ways of communicating and interacting with our membership
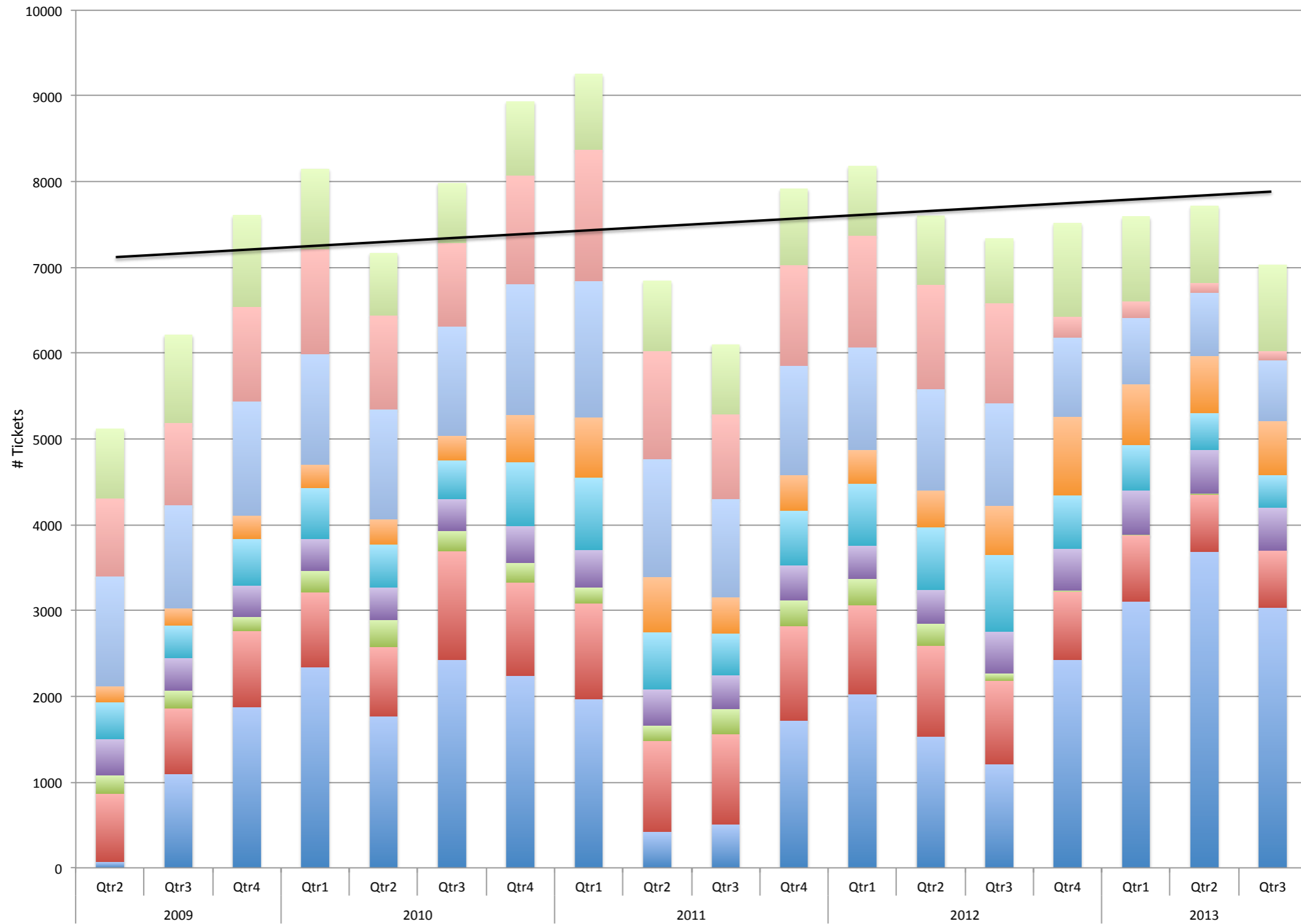
  - Increased regional presence

IPv4 Status

- IPv4 depletion event: 14 September 2012
  - Orderly run-out, currently applying RIPE last /8 policy
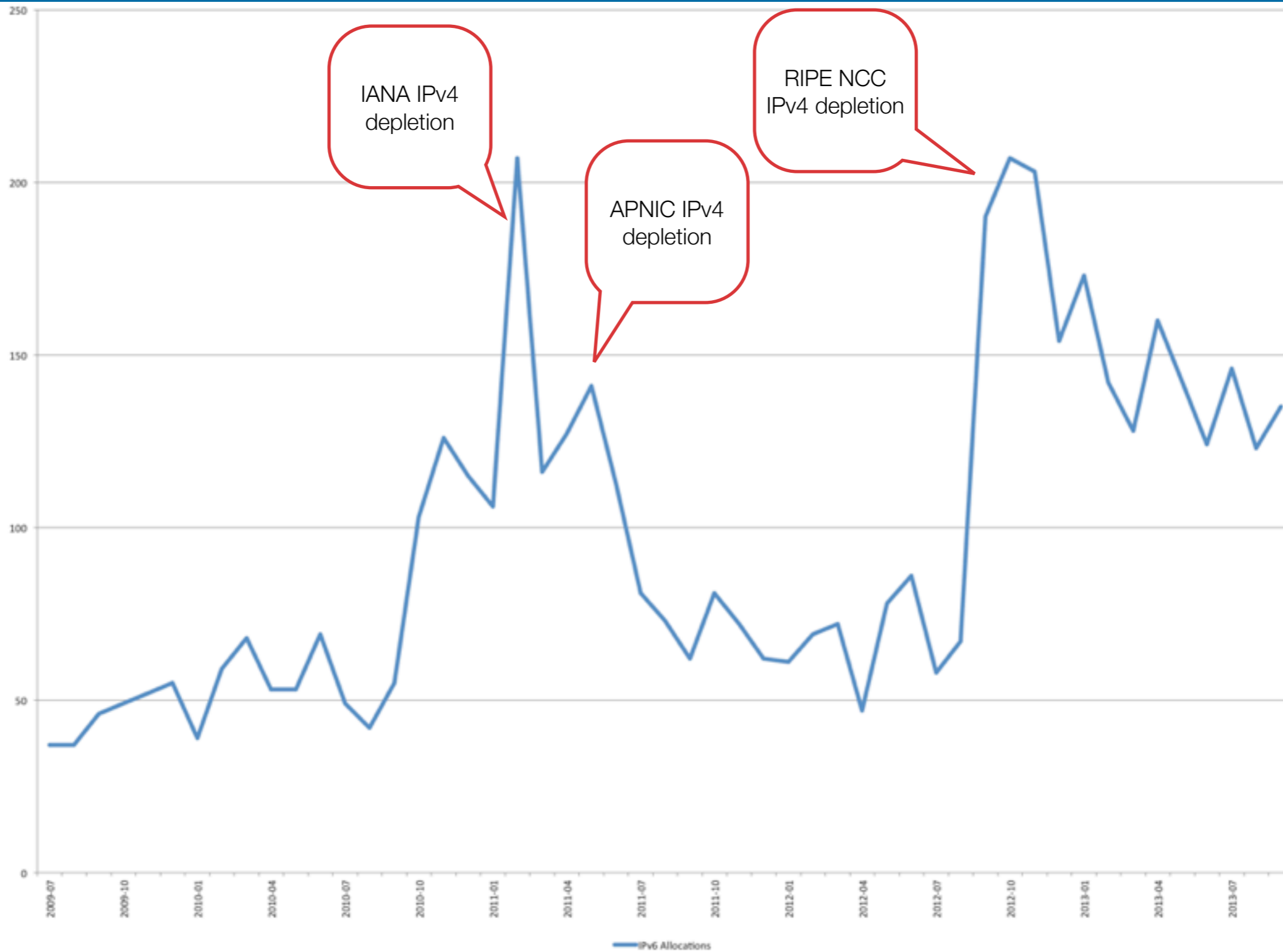
RIPE NCC IPv4 Pool — Last 12 Weeks

	Millions of IPv4 Addresses Reserved
	Millions of IPv4 Addresses Available
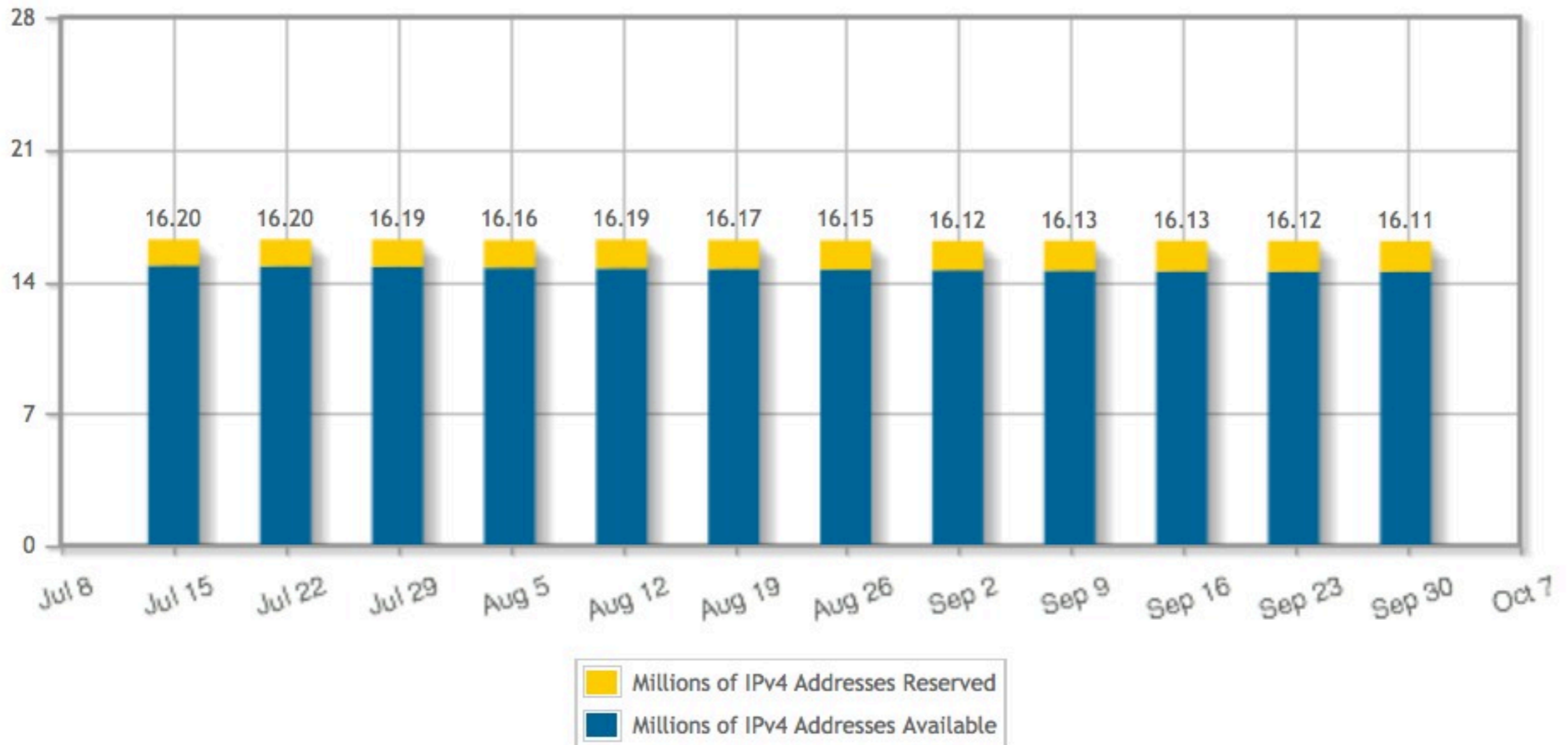
Registration Services ticket volume
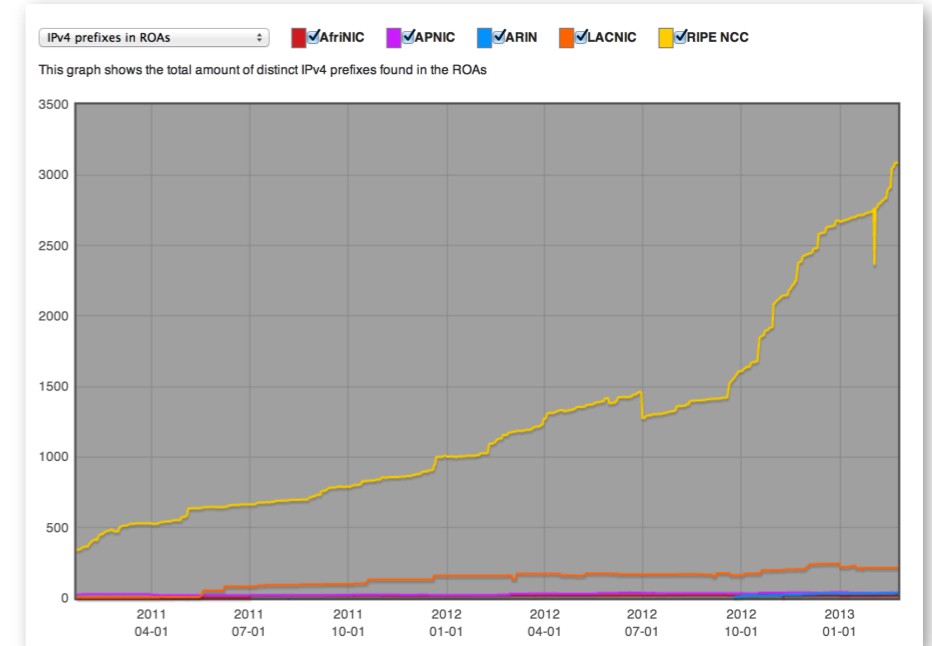
IPv6 Allocation

Assisted Registry Check

- The existing Audit procedure is seen as 'cumbersome' and time consuming for the LIR

- In order to maintain a strong registry and align with the members feedback, we are evolving our services

- Assisted Registry Check

  - Maintain the periodic contact moments between LIRs and the RIPE NCC

  - Reduce workload for LIRs

  - RIPE NCC provides a report highlighting our observations and recommendations

    - Overview of registered information (e.g. contact details)

    - Overview of Internet Number Resource consistency (e.g. overlapping assignments)

    - Overview of rDNS and route-objects consistency (e.g check lame reverse delegations and routing registry vs BGP announcements)

  - Assist LIRs with improving the data accuracy

RPKI

- Continued development

- … and deployment

- "Webinar" online at…

  http://meet95212513.adobeconnect.com/p6jrgwe2qw4/

- Policy issues

  – Legacy address certification

  – Provider independent certification

IPv4 prefixes in ROAs | AfriNIC | APNIC | ARIN | LACNIC | RIPE NCC

This graph shows the total amount of distinct IPv4 prefixes found in the ROAs

RIPE NCC

RIPE Labs – Recent Highlights

- ## Statistics per Country

  https://labs.ripe.net/Members/cteusche/country-specific-graphs-in-ripestat
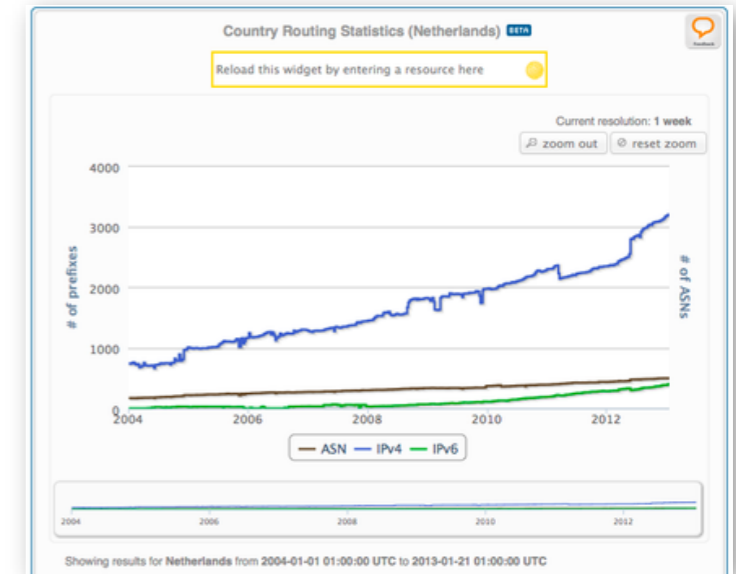
- ## RIPE Atlas Update

  https://labs.ripe.net/Members/suzanne_taylor_muzzin/ripe-atlas-april-2013-update

- ## RIPE NCC Roadmap

  https://labs.ripe.net/Members/mirjam/introducing-ripe-ncc-roadmap

More services being implemented

- IP Analyser

  - Supporting members' address admin

- RIPE Stat

  - Number resource info aggregated from many sources

  - Try it… https://stat.ripe.net/193.0.6.139

- Database Software rewritten (open source on Github), implemented WEIRDS RDAP protocol, easy to set-up and run own instance

- RIPE Atlas new probes & anchor pilot

The Year to Come

- Very positive Membership Survey, actions being formulated

  - Increased registry accuracy

  - Measurements

  - Internet Governance

  - Regional outreach / presence

  - Replacing and improving internal systems

  - Increase transparency / engagement for all of our activities and services

RIPE
NCC

Questions?