



**RIPE
NCC**

RIPE NCC Mission and Services

Paul Rendek

Director of External Relations

- The RIPE NCC was formed in 1992 by the RIPE community:
 - Network coordination centre for Internet number resources
 - Perform secretariat duties on behalf of the RIPE community
 - Enable the technical coordination of the Internet infrastructure
 - Ensure neutrality and impartiality
 - Provide a consistent contact point

- Independent, not-for-profit, bottom-up membership organisation
- Anyone can become a member
- Incorporated in the Netherlands, governed by Dutch law
- Funded by members, fully autonomous
- Open, transparent, neutral and impartial
- Offices in Amsterdam, Dubai and Moscow
 - Around 130 staff members

- Secretariat for the RIPE community
- Maintains the RIPE Database
- One of five Regional Internet Registries (RIRs)
 - Serving: Europe, the Middle East and parts of Central Asia
 - 76 countries
- Allocate and assign IPv4 and IPv6 addresses and also assign AS numbers
- Outreach, tools, measurements, training and more!

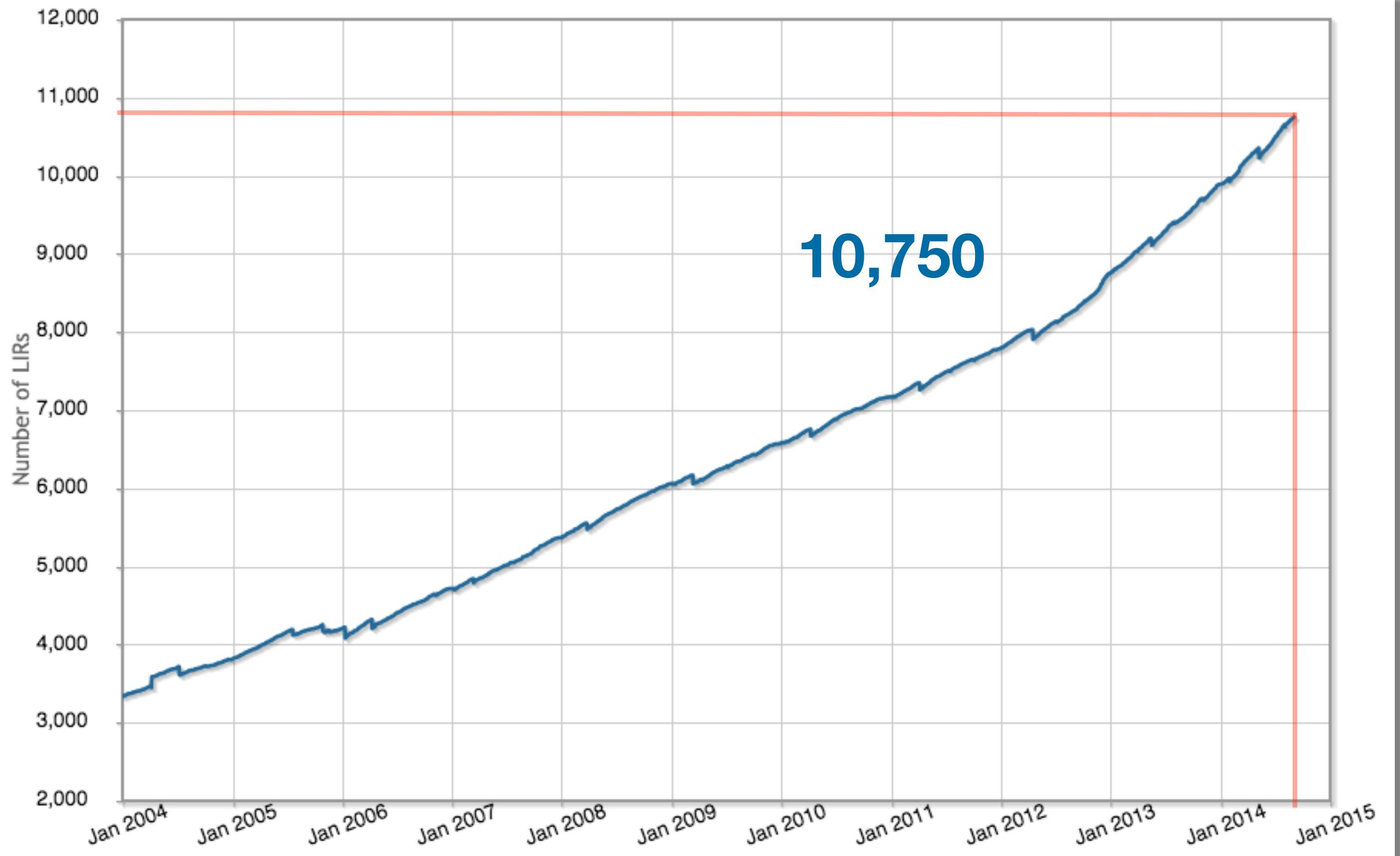
Our Mission:

- *We serve our members by delivering a high quality registry and supporting the core Internet infrastructure.*
- *Connecting people within and beyond the technical community through our inclusive, multi-stakeholder approach, we contribute to an innovative and reliable Internet.*

The Five RIRs



Over 10,000 RIPE NCC Members



Source: <https://labs.ripe.net/statistics>

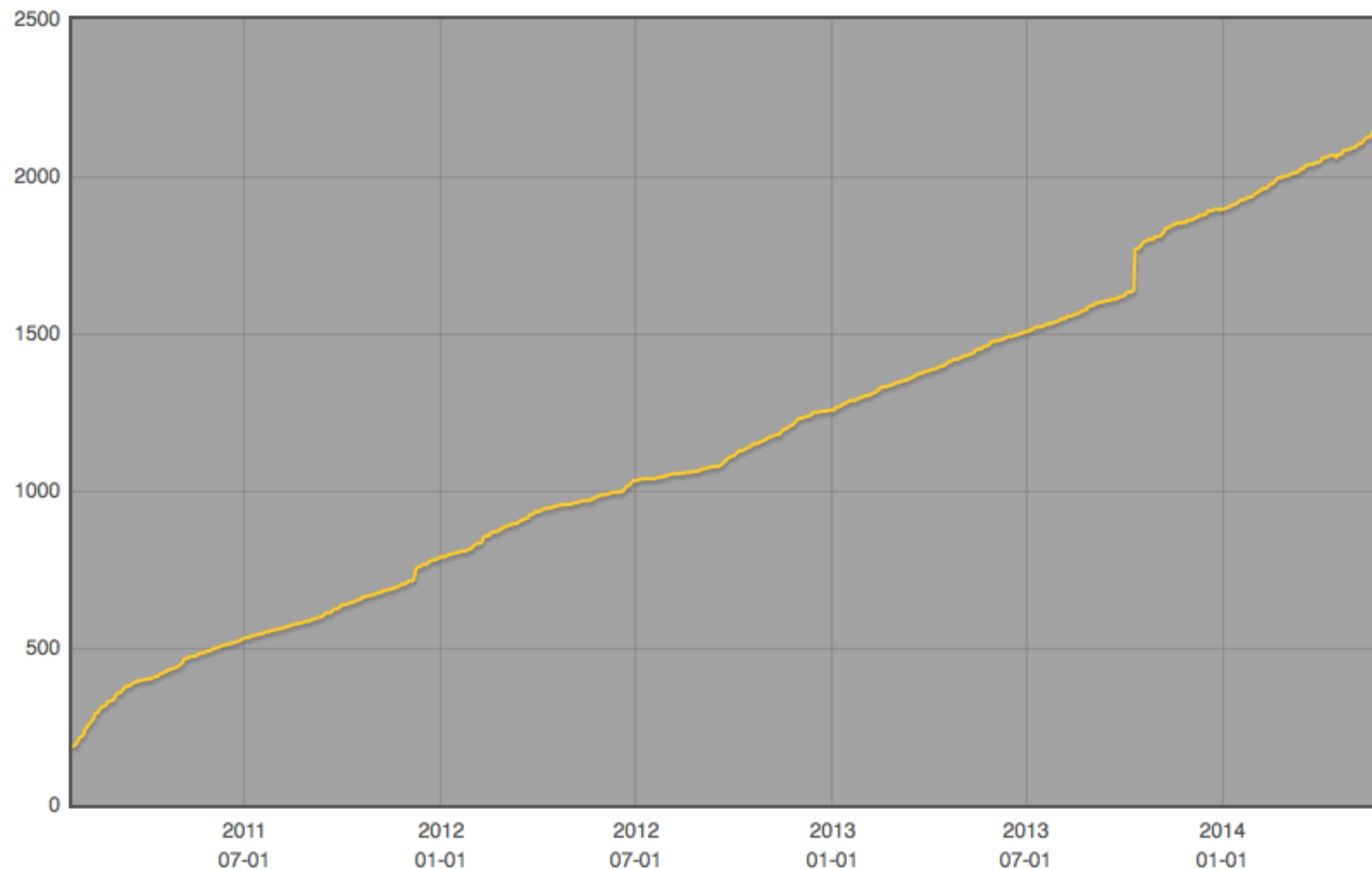
- Hands-on training courses for RIPE NCC members hosted all over our service region
- Topics:
 - LIR
 - IPv6 for LIRs
 - Deploying IPv6
 - Routing Security
 - DNSSEC
 - RIPE Database

- Learn remotely if you can't attend a training in person

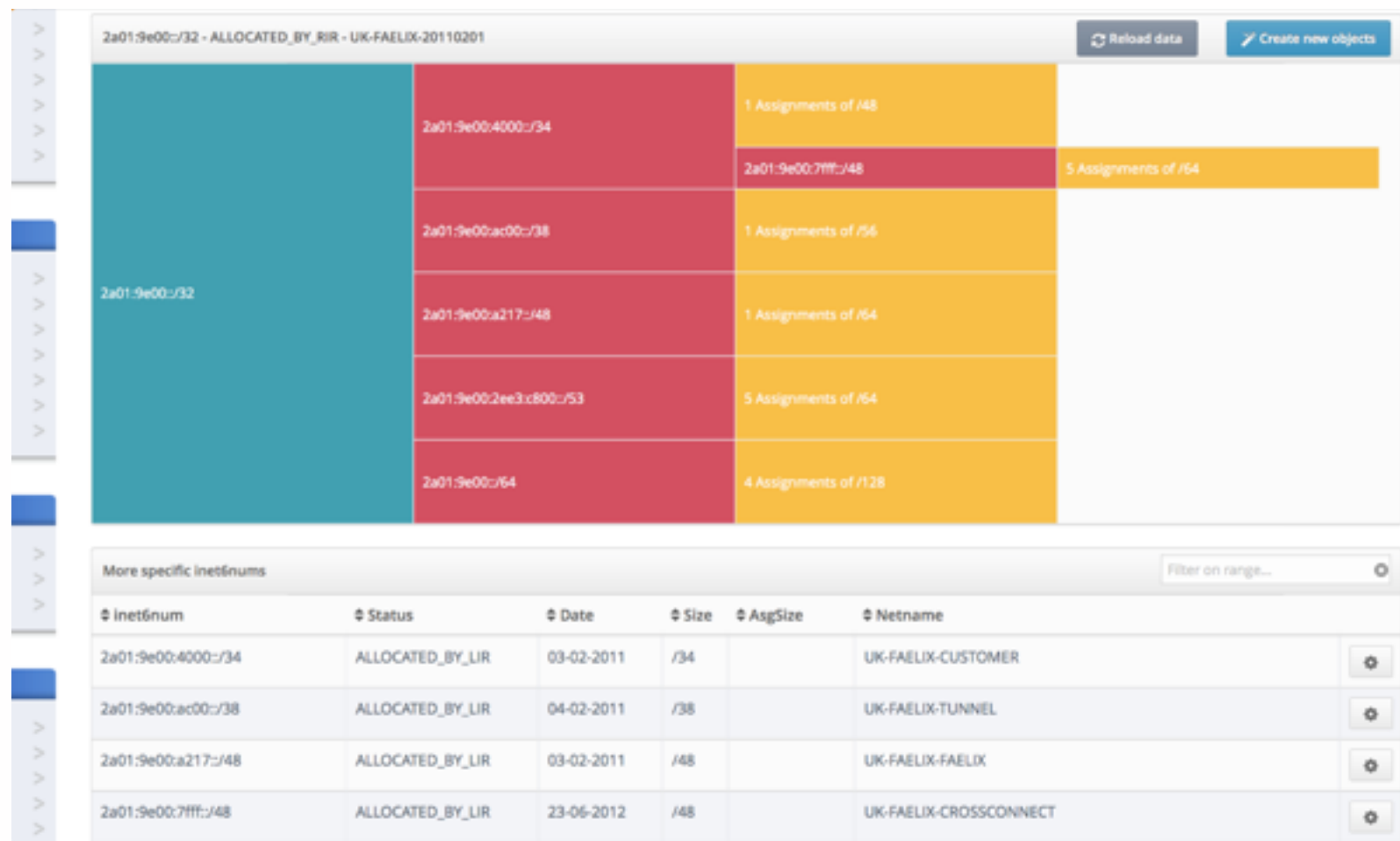
The screenshot displays a webinar interface with the following components:

- Left Panel:** A list of statements for a quiz titled "Which of the statements refer to the RIPE Community?". The statements are:
 - ☐ Discussion forum open to everyone
 - ☐ Discussions happen in Working Groups
 - ☐ Located in Amsterdam
 - ☐ Decisions made by consensus
 - ☐ Only LIRs can join
 - ☐ Develops policies
 - ☐ Meets twice a year
- Center Panel:** A presentation slide titled "LIR Portal" with the following content:
 - Manage your LIR data
 - Contact information
 - Resources information (IP and ASN)
 - Submit request forms: IPv4, IPv6 and ASN
 - Update RIPE DatabaseThe slide also features the URL lirportal.ripe.net and the RIPE NCC logo.
- Right Panel:** A video feed of a presenter, Pedro Vaz, and a list of attendees including Pedro Vaz, Fernando Cordeiro, and others.
- Bottom Panel:** A chat window with messages from participants like Ferenc Gorbai and Benno, discussing database queries and assignments.

- Member service: Resource Certification (RPKI)
 - Verifiable proof of holdership of resources



- Services for members: IP Analyser
 - Shows all allocations and assignments
 - Shows free space, makes suggestions for assignments
 - Notifications of invalid assignments and steps to solve



- Services for all: Reverse DNS and K-root server



- RIPE Labs: Articles and analyses about technical topics of interest
<https://labs.ripe.net>
- RIPEstat: Access information about IP address space, from registry and routing data to anti-abuse
<https://stat.ripe.net>
- RIPE Atlas: A global active Internet measurement network measuring reachability and connectivity
<https://atlas.ripe.net>

- In 2013 we conducted a member survey
- We had over 3,500 responses to the survey
 - Including many from this region
- You told us you wanted:
 - More regional presence
 - More language support
 - More local training
 - More IPv6 case studies
 - More local engagement

- Hired two staff in last 12 months, based out of Moscow, engaging members and community across the ENOG region



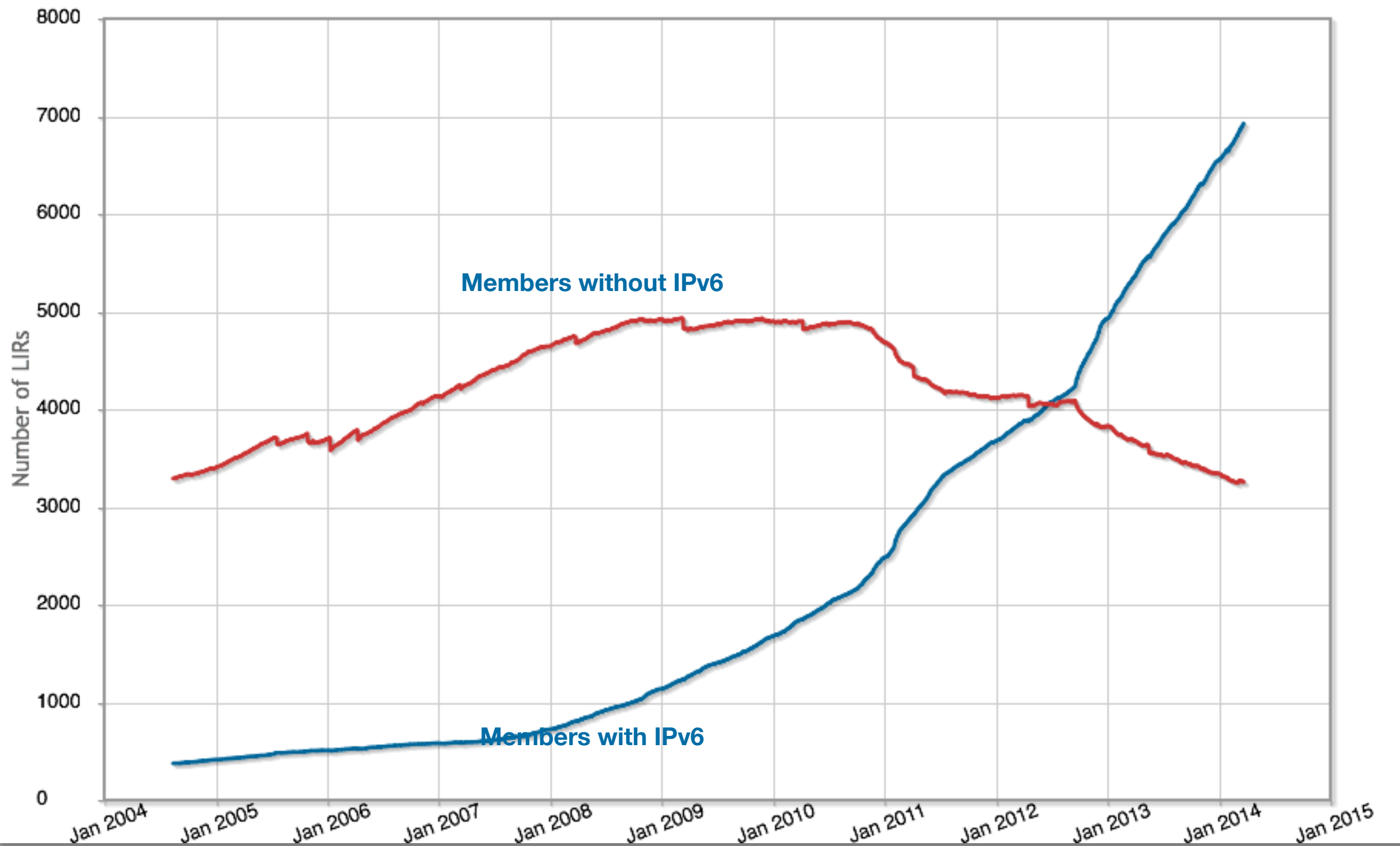
Maxim Burtikov



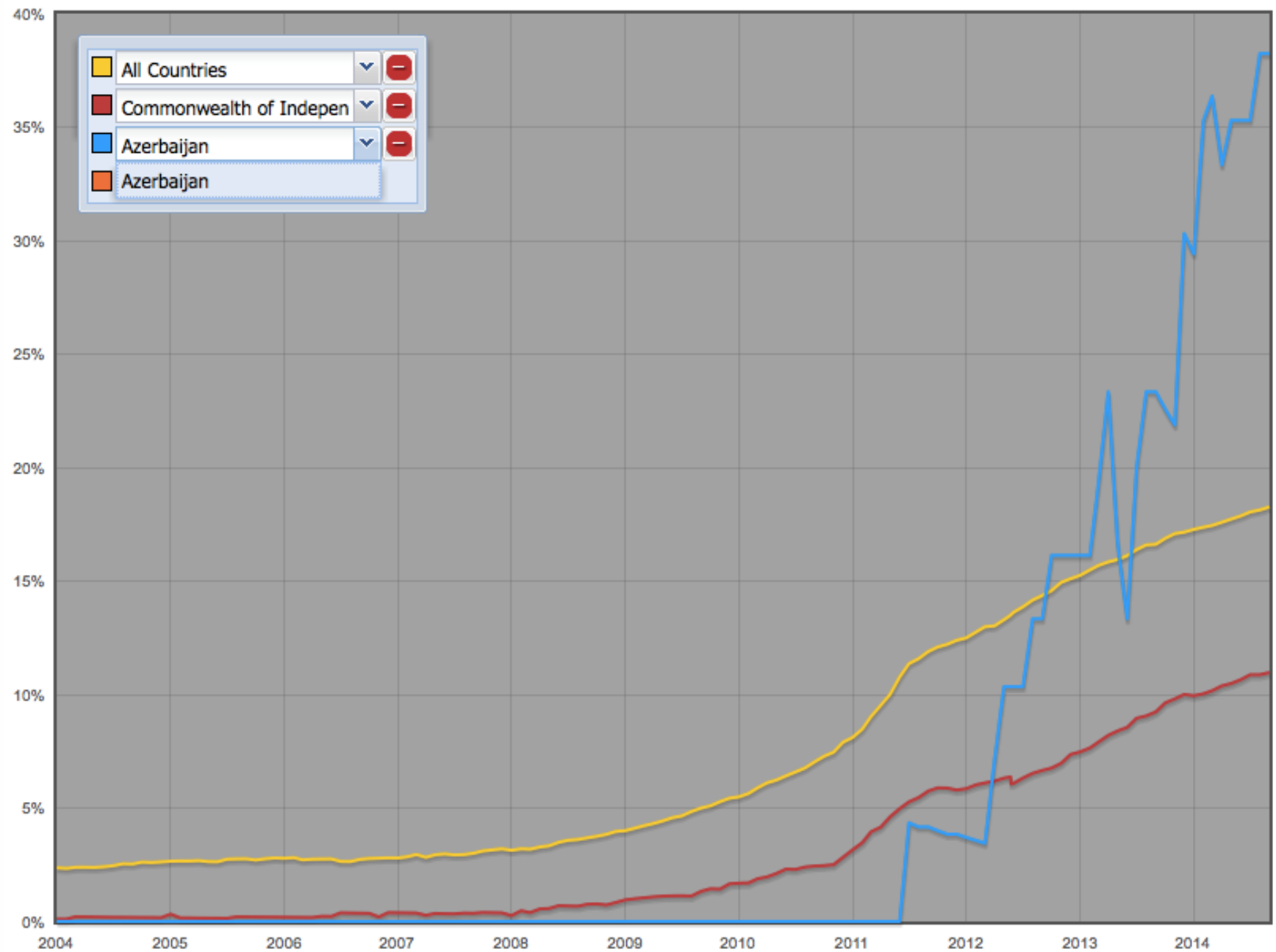
Anton Baskov

- More focus on RIPE NCC Regional Meetings and community events
 - IPv6 & More Day, June 2014
 - Kazakhstan RIPE NCC Regional Meeting, June 2014
- Planning events in 2015
 - Georgia (Spring 2015)
 - Armenia (Autumn 2015)
- Ongoing support for ENOG events and community
- Engaging with governments in region, particularly in ITU context (RCC Group)

- Investigating supporting more languages
 - Provide translations of key documents and information
- More contact with membership
 - Small-scale events such as dinners and lunch meetings
- Advancing capacity building
 - Introducing two-day technical IPv6 training
 - Improving E-learning platform and courses
 - IPv6 Roadshow material rewritten
- Collecting input on website improvements



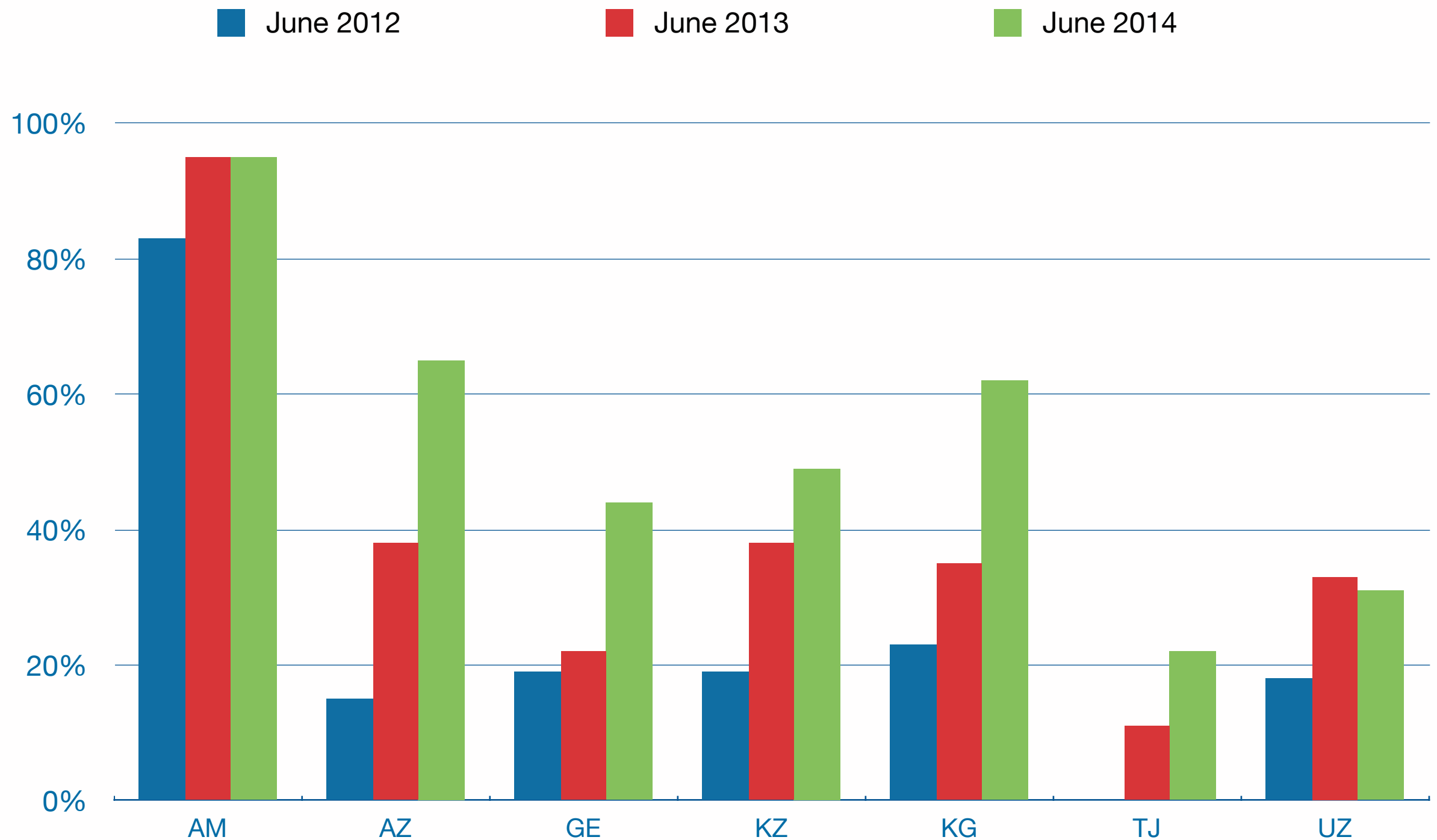
% of ASes Announcing IPv6



Global: 18.26%
CIS: 10.97%
Azerbaijan: 38.24%

RIPE NCC Members with IPv6

RIPE NCC | 20



- GM held in Warsaw during RIPE 68 on 14 May
- 2015 Charging Scheme was adopted
 - €1,600 per annum (€150 down on 2014 fee)
- Adoption of implementation process of RIPE NCC services to Legacy Resource Holders
- RIPE NCC Executive Board elections
 - Three vacant seats filled by Maria Häll, Salam Yamout & Christian Kaufmann

