IPv4 Depletion
IPv6 Deployment
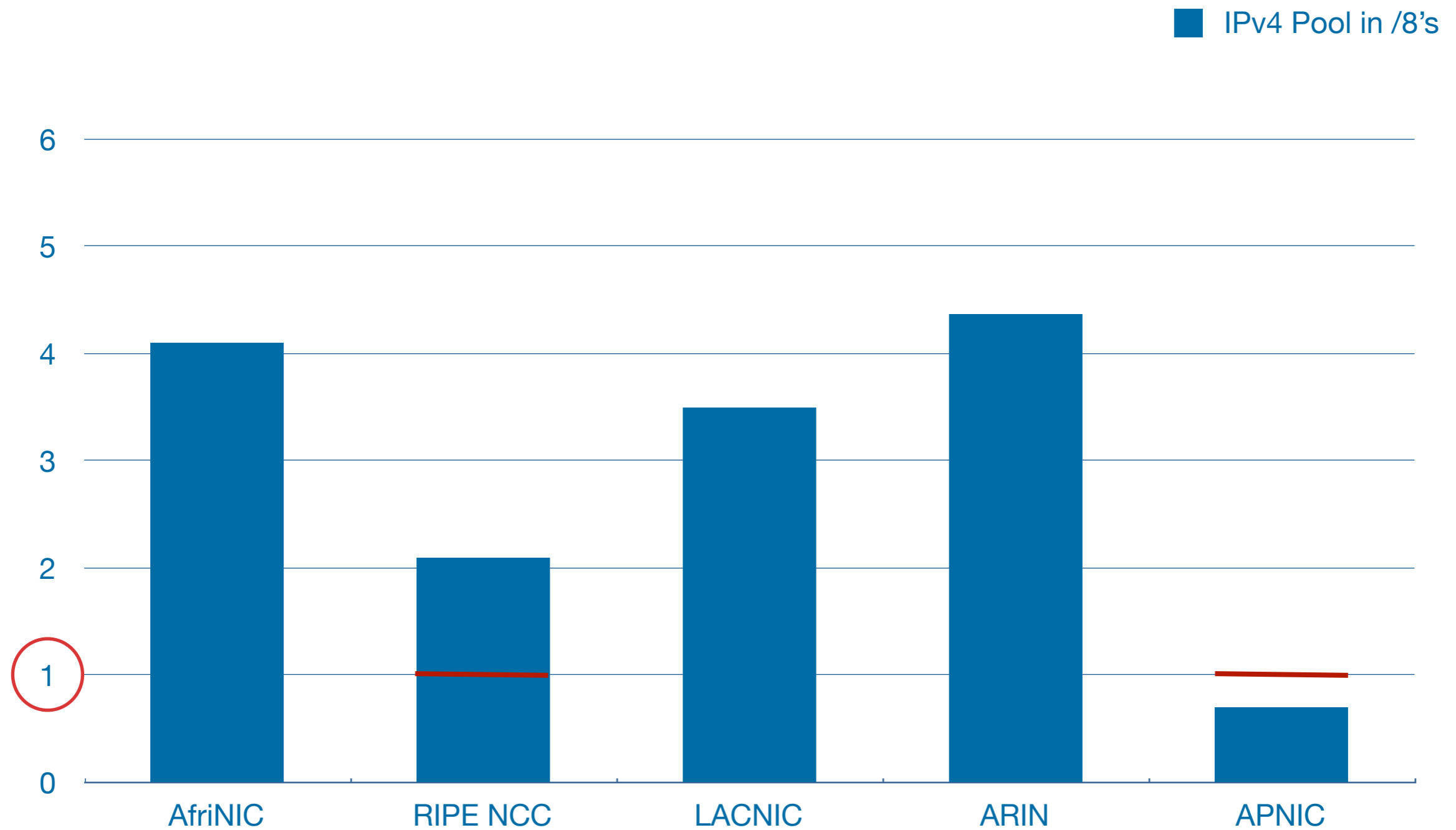
EuroDIG, 14 June, 2012
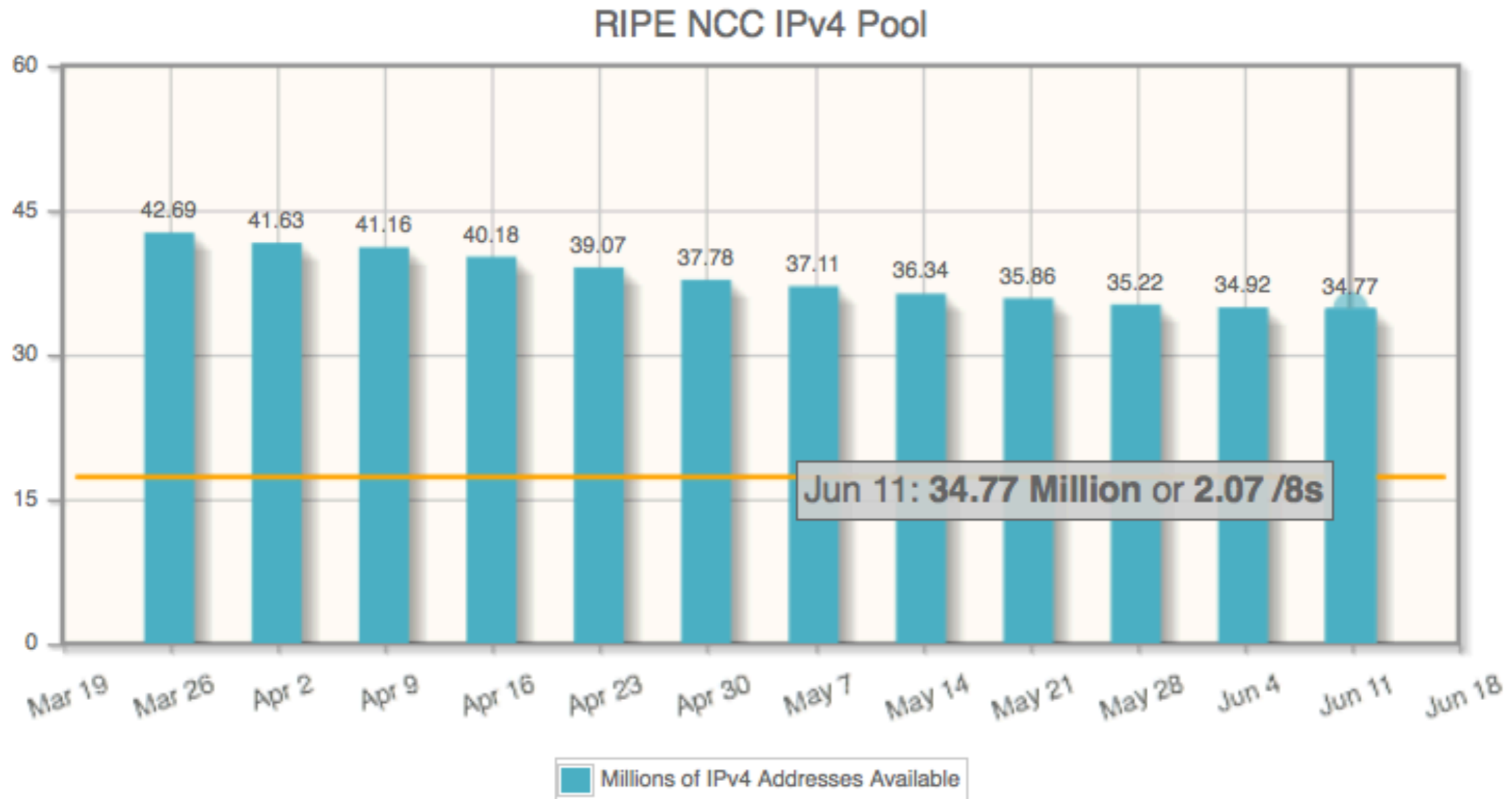Nathalie Trenaman
RIPE NCC Trainer

RIPE NCC

About the RIPE NCC

- One of the five Regional Internet Registries (RIR)
- The RIPE NCC service region covers Europe, the Middle East and parts of central Asia
- Not-for-profit association, based in Amsterdam
- Funded from the membership fee
- 8,200 members throughout the region
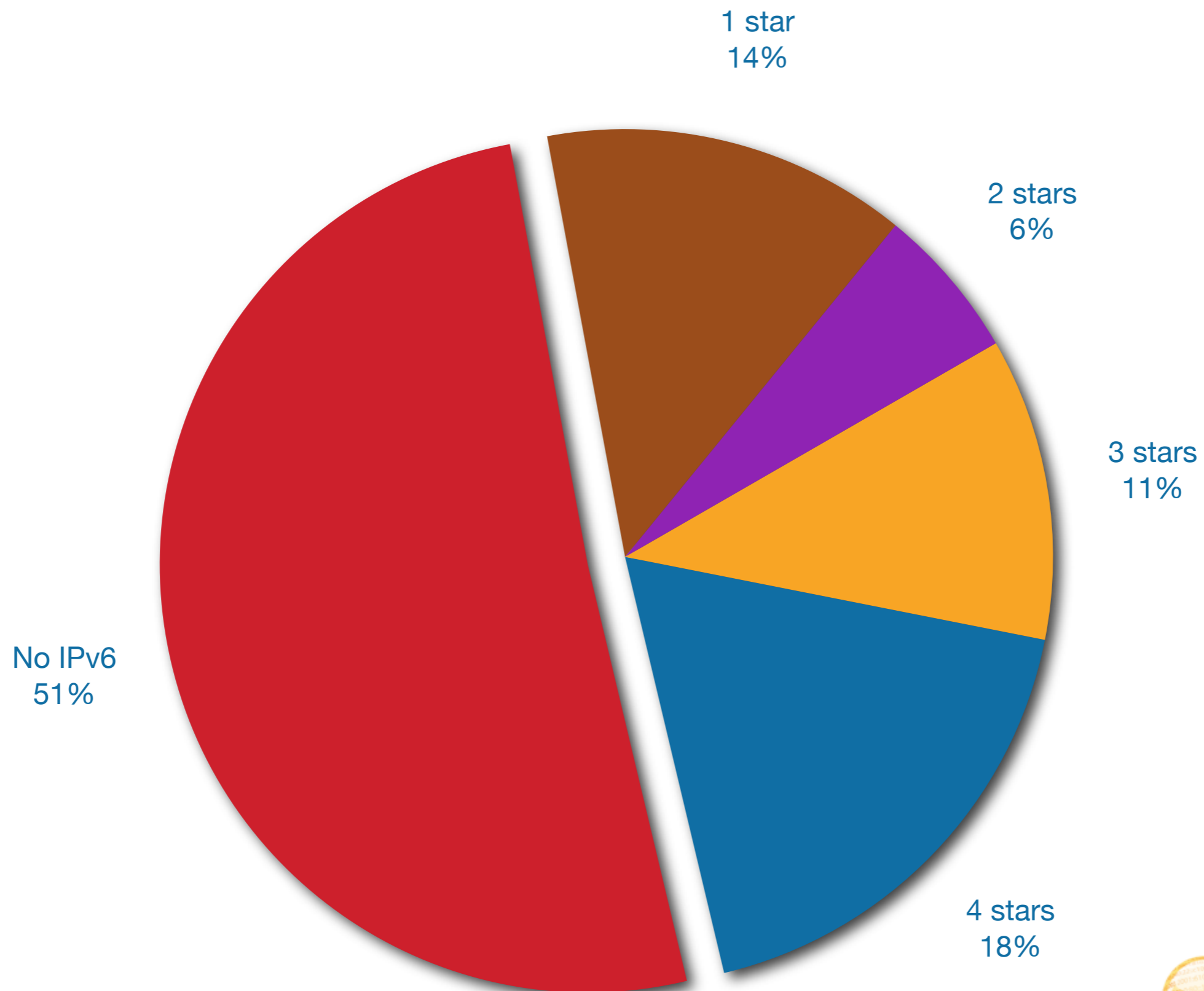- Neutral, impartial, open and transparent

RIPE
NCC

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IPv4 Depletion Worldwide

Tuesday, June 5, 2012
Thursday, June 14, 2012

RIPE NCC IPv4 Pool

RIPE NCC IPv4 Pool

Jun 11: **34.77 Million** or **2.07 /8s**
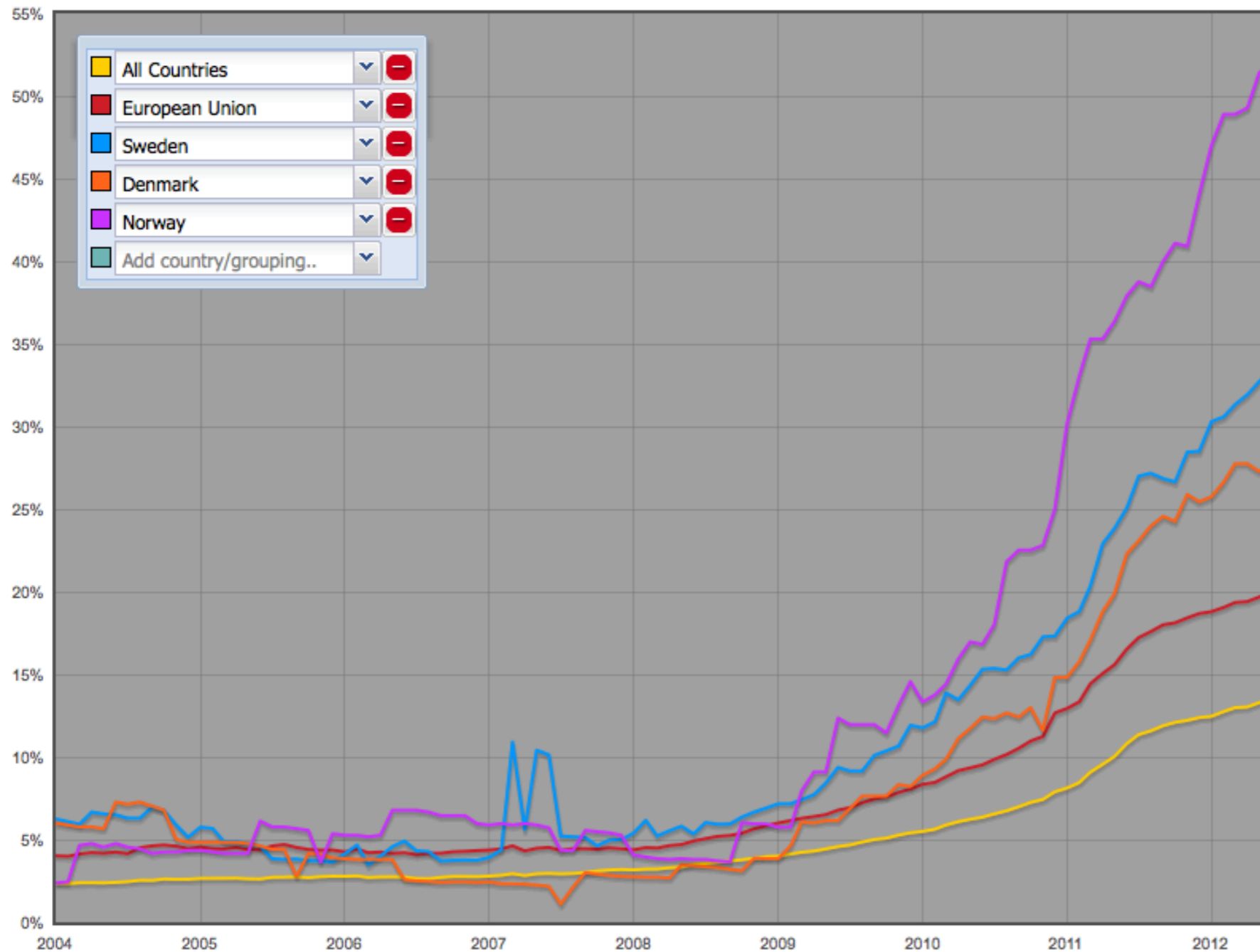
Millions of IPv4 Addresses Available

IPv6 RIPEness: 8222 LIRs

IPv6 Enabled ASes in Global Routing

- Any country or region possible, updated daily

This graph shows the percentage of networks (ASes) that announce an IPv6 prefix for a specified list of countries or groups of countries

http://v6asns.ripe.net

Capacity Building

- MENOG/RIPE NCC IPv6 Roadshow
  - Standalone workshop hosted by a government or enterprise organisation
  - Help position governments to lead on IPv6
  - Ensure sustainable growth of the internet in the region
  - 3 or 5 days

ipv6-roadshow@ripe.net

RIPE-554 Document

- "Requirements for IPv6 in ICT Equipment"

- Best Current Practice describing what to ask for when requesting IPv6 Support

- Useful for tenders and RFPs

- Originated by the Slovenian Government

  - Adopted and translated by various others

  http://www.ripe.net/ripe/docs/current-ripe-documents/ripe-554

- Swedish PTS developed a practical guide on IPv6

  http:www.pts.se/deployipv6

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Questions?