RIPE NCC Update

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Managing Director
RIPE NCC

About the RIPE NCC

- 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, IPv6 and AS Numbers

- Outreach, tools, measurements, training and more!

About the RIPE NCC

- Independent, not-for-profit, bottom-up membership organisation

- Anyone can become a member

- Incorporated into the Netherlands, governed by Dutch law

- Funded by members, fully autonomous

- Open, transparent, neutral and impartial

- Offices in Amsterdam and Dubai (apx. 140 ppl)

  - Two staff members work from Moscow
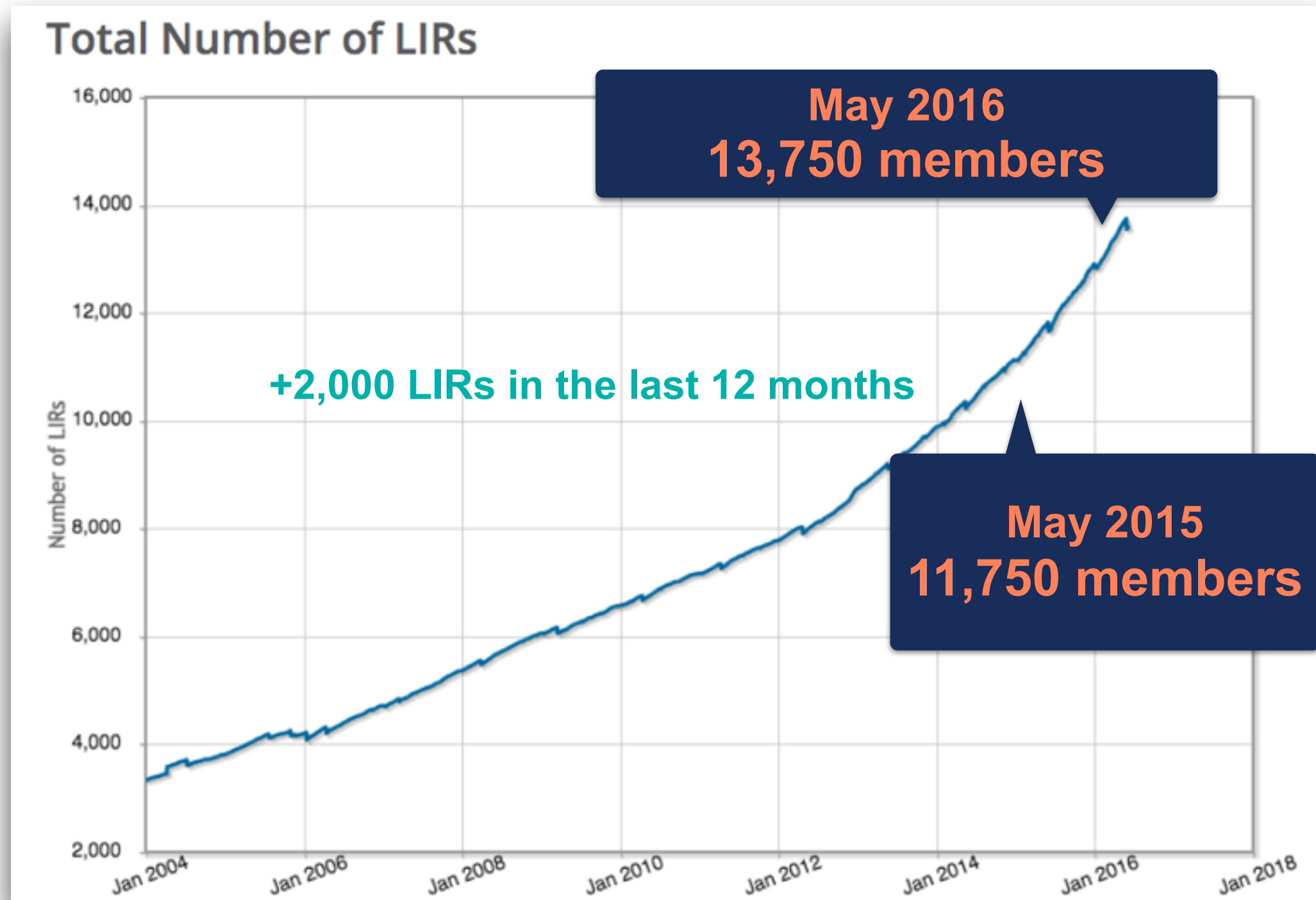
Focus in 2016

- Maintain a strong registry

- Effective outreach and external relations throughout our service region

  - Regional meetings, member lunches, trainings, etc.

  - Improve our entire service offering

  - Improve our processes for greater efficiency

- Focus on collecting and acting on member feedback

- Providing enhanced statistics and analysis

Further Focus in 2016

- RIPE NCC Survey 2016

- RIPE Atlas

- Expanding K-root

  - 39 K-root nodes in over 25 countries

- Moving to our new office in Amsterdam

Growing Membership

Total Number of LIRs

May 2016
13,750 members

+2,000 LIRs in the last 12 months

May 2015
11,750 members

Understanding our Membership

- A changing RIPE NCC membership reflects a change in the overall Internet environment

  - Analysis reveals that close to half of our current membership base are no longer classic ISPs/telcos

- We need to better understand these categories and the associated growth trends

- Does our current service portfolio cater to the needs of an evolving membership?

  - We are looking at this in more detail

RIPE NCC General Meeting May 2016

- Record number of registrations

  - Record 1,191 vote registrations (125 from ENOG region)

- RIPE NCC Executive Board elections

  - Nigel Titley and Remco van Mook re-elected

- RIPE NCC Charging Scheme 2017 adopted

  - Fees remain the same as 2016

- Members voted to allow RIPE NCC members to create additional LIR accounts

  - We are working on processes to implement this

RIPE NCC Regional Presence

- More focus on RIPE NCC Regional Meetings and community events, member lunches, etc

- Supporting NOGs throughout our service region

- Ongoing support for ENOG events and community

- Engaging with governments in the region, particularly on issues concerning regulation, industry trends and Internet development

RIPE NCC Regional Presence

- We have two staff members based in the region, engaging members and the community across the entire ENOG region
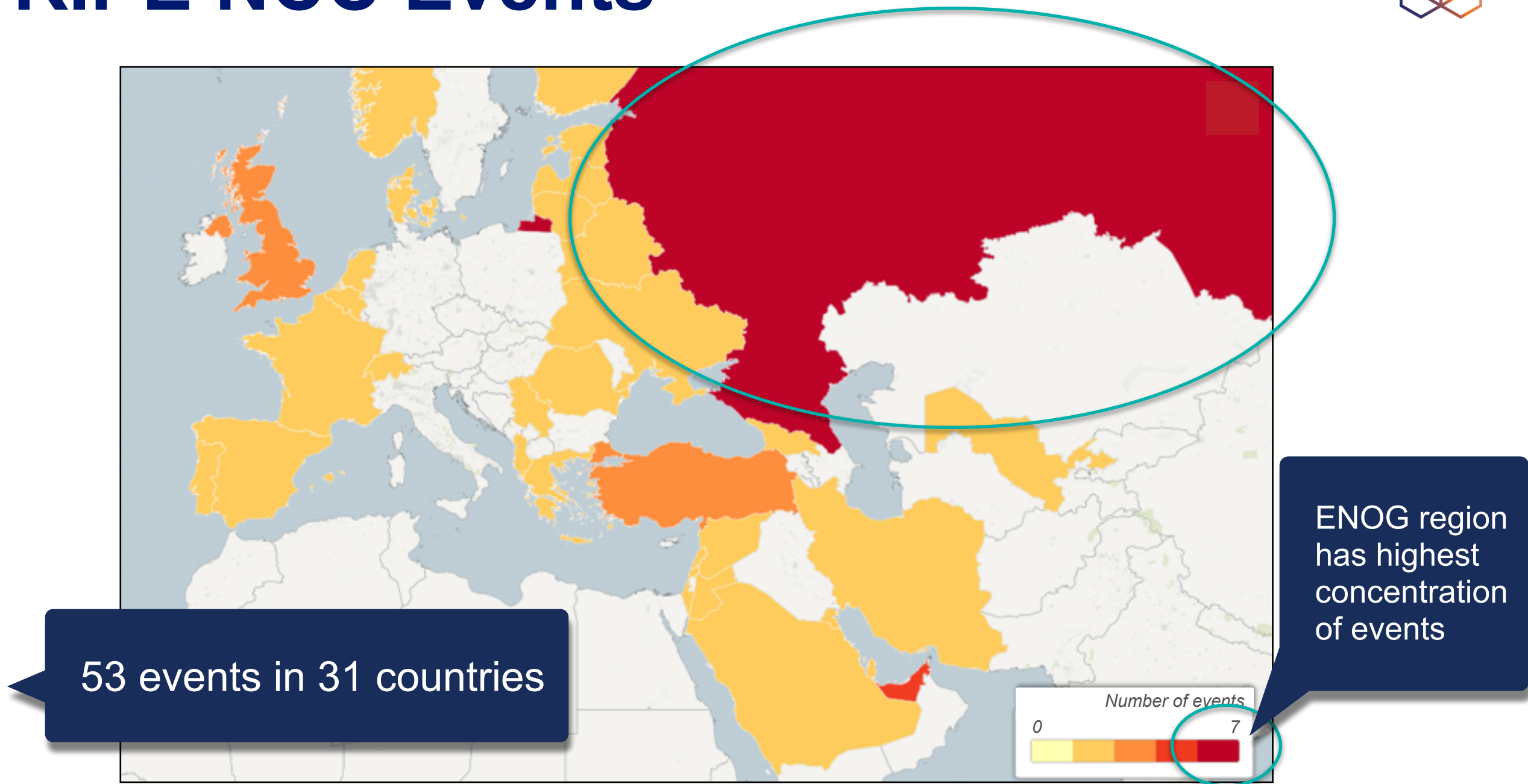
Maxim Burtikov   Alex Semenyaka

RIPE NCC Events

ENOG region has highest concentration of events

53 events in 31 countries

Number of events
0 — 7

- Events organised from 1 Jan. 2015 until present (not including training courses)

- Includes: RIPE Meetings, RIPE NCC Regional Meetings, ENOG, MENOG, SEE, IPv6 Roadshows, etc.

Meeting Our Members

24 events in 18 countries

● Past events

● Upcoming in 2016
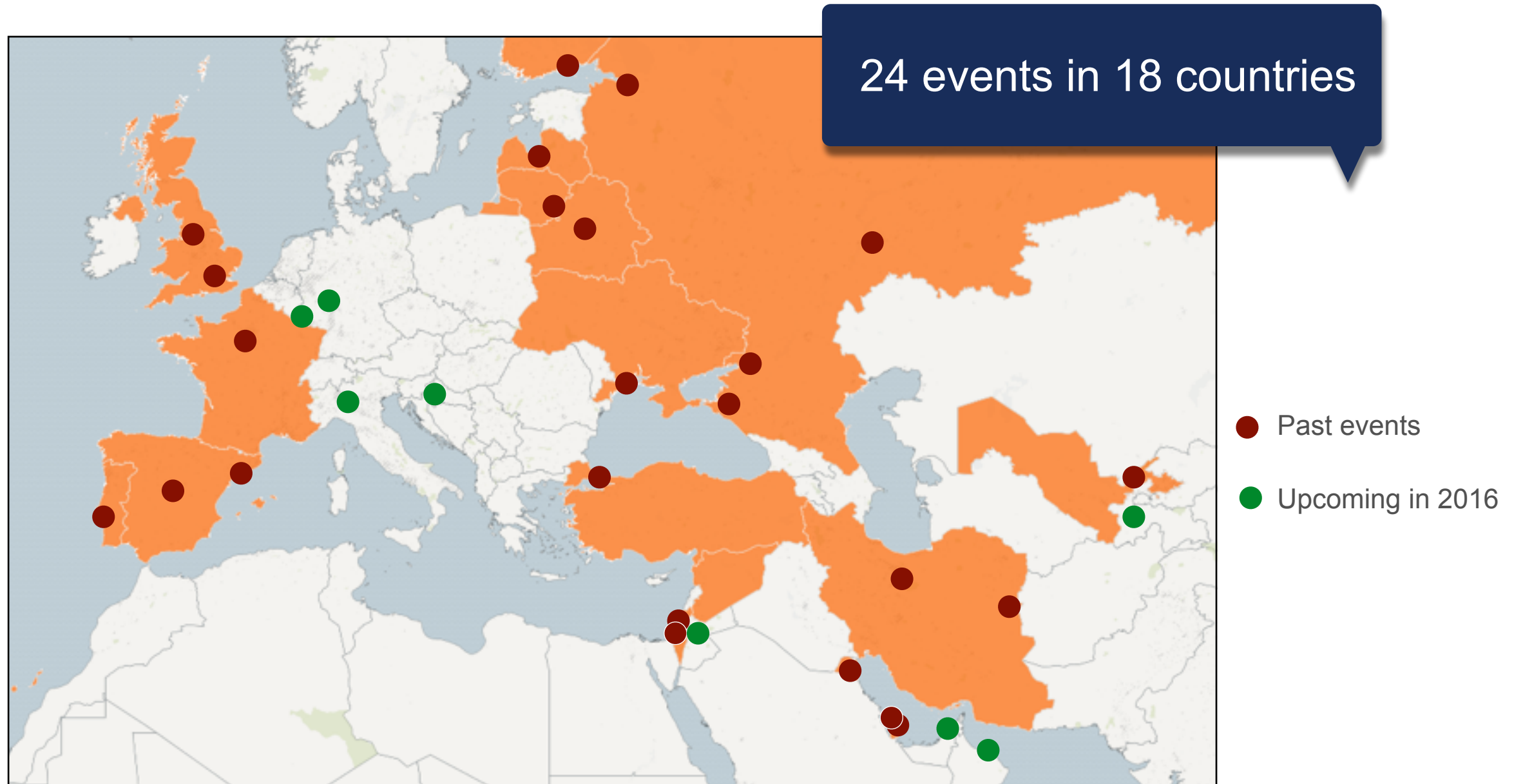
● Member lunches/meetings from 1 Jan. 2015 until present

● www.ripe.net/member-lunches

RIPE Atlas

- 9,390 connected probes running 12,000+ measurements

  - We've nearly reached our goal of 10,000 probes

  - 192 RIPE Atlas Anchors

- Read about RIPE Atlas use cases:

  - https://labs.ripe.net/atlas/user-experiences
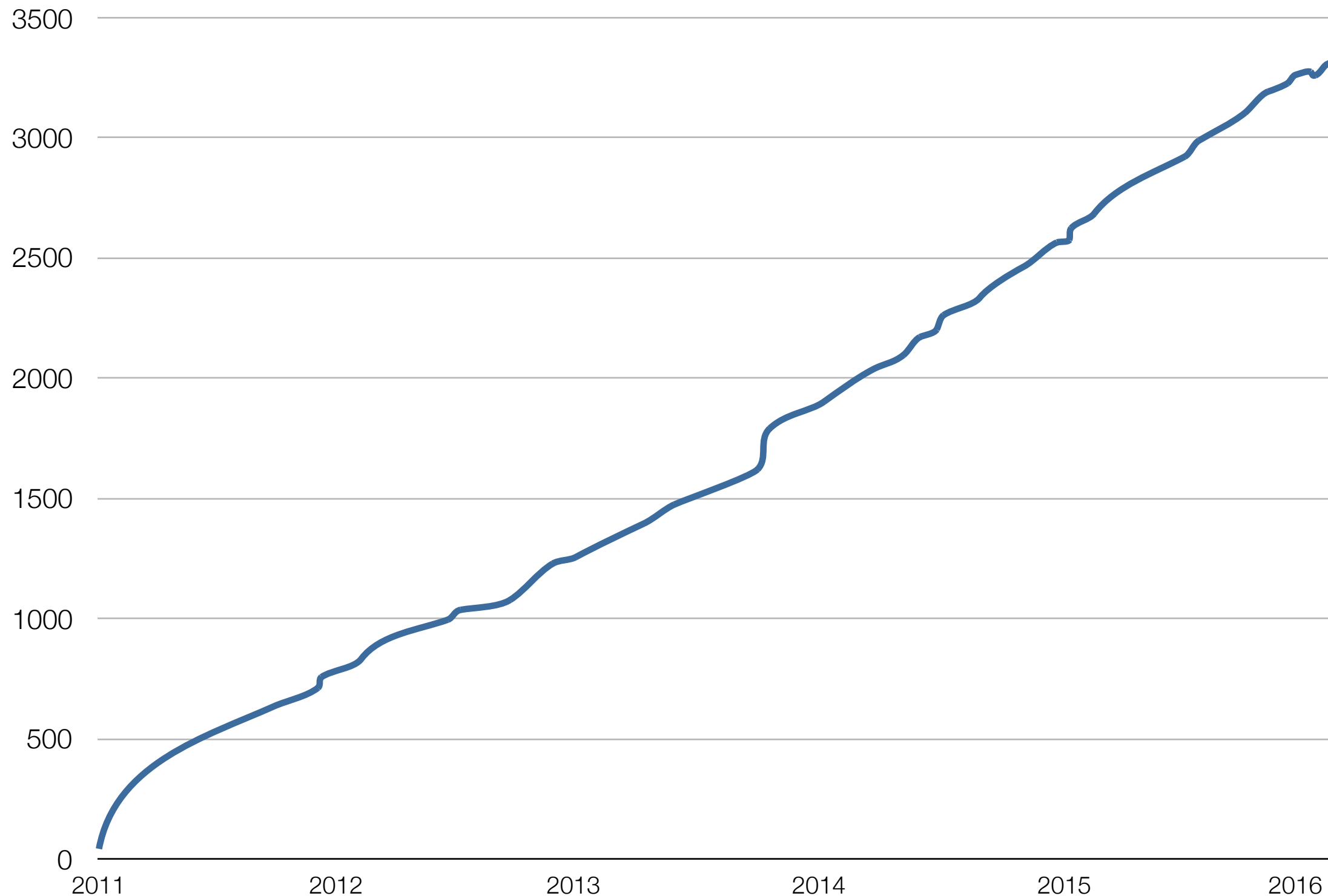
Resource Certification (RPKI)

- 3,500+ members have requested a certificate

- Members have created ROAs covering:

  - 2,886 unique ASNs

  - 14,446 IPv4 prefixes

  - 2,222 IPv6 prefixes

- All address space can now be covered

  - Including PI and legacy space

RPKI in our Service Region

Over 25% of LIRs have requested an RPKI certificate

RPKI Validator

- Current version does not match user demand

    - Scalability and functionality improvements are requested

- Proposed solution: Enhance RPKI Validator at a faster pace

    - Modern, stable routing workflow toolset

    - Secure, modular design

    - Integrate IRR functionality

- Does the community support this additional effort? Tell us!

RIPE NCC Academy

- Our new online learning platform

- Trainees can complete courses and be certified for their knowledge

- Complements existing courses and webinars already on offer

- https://academy.ripe.net

RIPE Academic Cooperation Initiative

- Connects RIPE with academic community

- Operators: learn about academic Internet research

- Academics: make connections and learn from the industry

- RACI attendees receive tickets, travel and accommodation for RIPE and regional meetings

- All applicants can publish work on RIPE Labs

RIPE NCC Survey 2016

- We run these surveys to find out:

  - How we can better help our members and the community

  - What direction we should be taking in the coming years

- The survey is completely anonymous and shorter than ever before

- Complete the survey and be in with a chance to **win one of five iPads!**

- The survey runs from 27 May to 30 June

  www.ripe.net/survey2016

Questions

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