RIPE NCC Update

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# Annual Report 2018

- Operational Highlights

  - 4,401 additional members

  - 4,610 /22 IPv4 allocations and 2,405 IPv6 allocations

  - Over 2,000 attendees at RIPE NCC-organised events

  - 98 training courses for 2,114 participants in 55 locations

  - 2,628 ARCs completed (83 during RIPE Meetings)

  - 10,400+ active RIPE Atlas probes

  - 450+ RIPE Atlas anchors
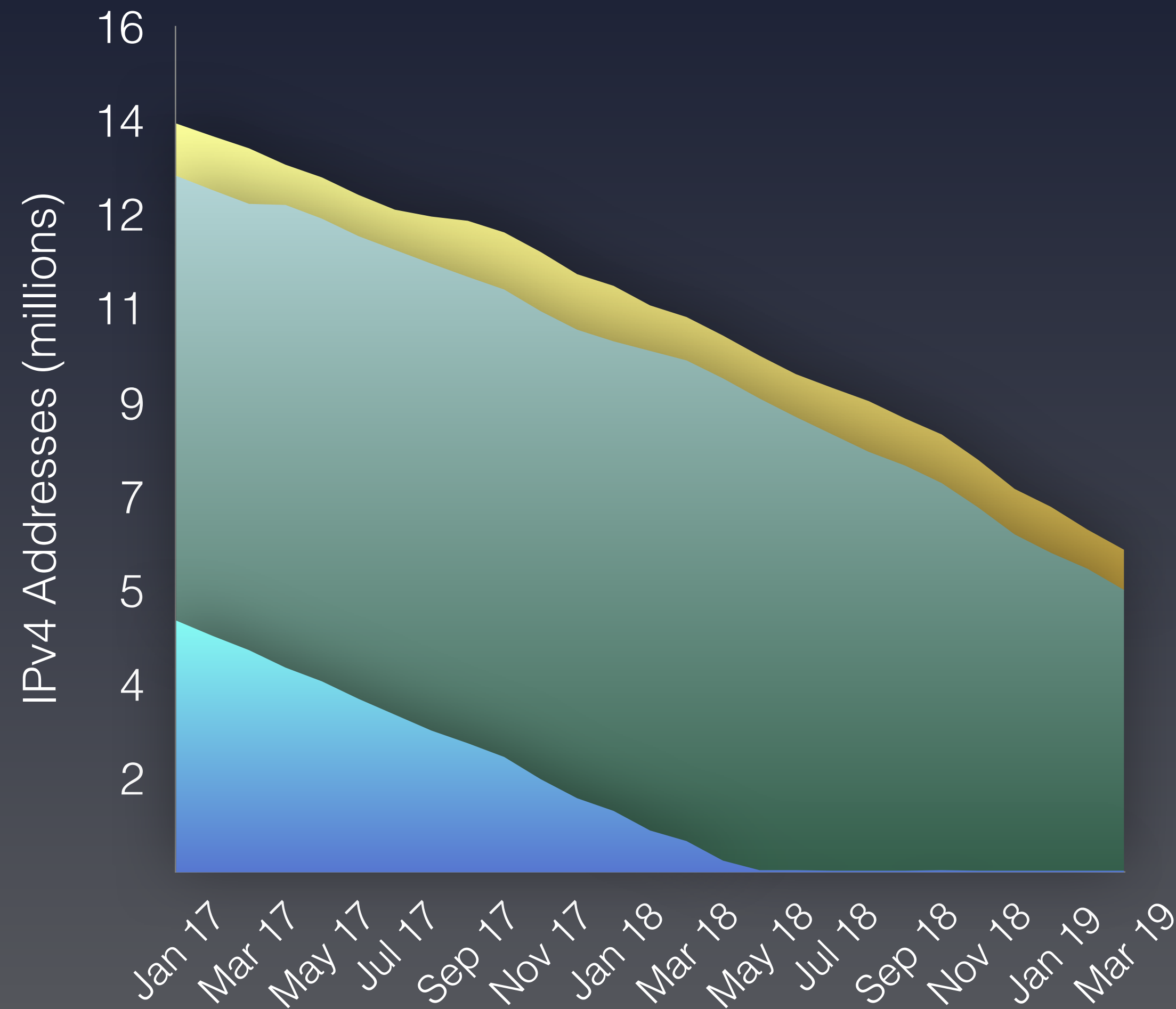
Financial Report 2018

- Continuing to maintain strong and sustainable relations with our members as we approach IPv4 runout (Q4 2019)

- Focus on prudent cost management

- Sound capital and liquidity management

- Transparency in financial operations

Membership Growth
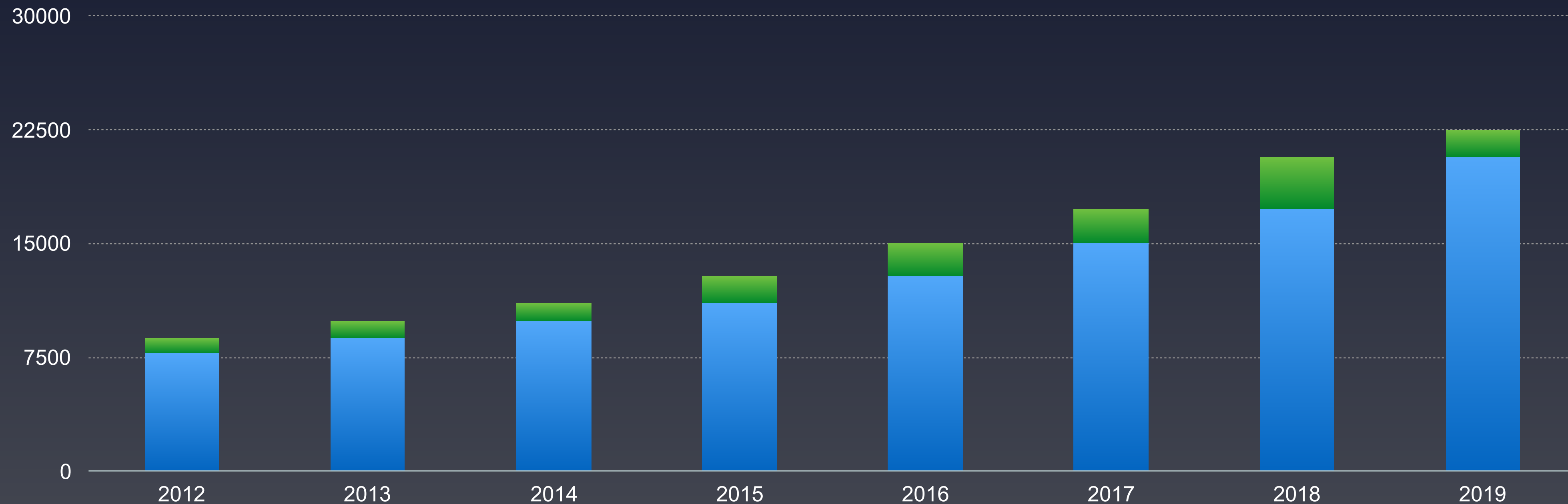
- 8% growth so far in 2019

- 13,700+ LIR accounts activated since last /8 announced in 2012

Axel Pawlik | RIPE NCC Services WG, RIPE 78 | 22 May 2019

RIPE NCC's IPv4 Pool Exhaustion

IPv4 Addresses (millions)

16
14
12
11
9
7
5
4
2

Jan 17　Mar 17　May 17　Jul 17　Sep 17　Nov 17　Jan 18　Mar 18　May 18　Jul 18　Sep 18　Nov 18　Jan 19　Mar 19

■ Available IPv4 in 185/8　　■ Available IPv4 Outside 185/8　　■ Reserved IPv4

- Our current IPv4 pool will run-out by early 2020

- Our role:

  - Ensure run-out is handled fairly, efficiently, transparently

  - Make necessary changes to our processes and software ahead of time

  - Handle possible new challenges for our members - e.g. waiting lists

  - Keep members informed about run-out

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Challenges

- Heavy increase in workload due to strong membership growth and increasing complexity of requests

- Preparing for drop in membership growth after IPv4 pool exhaustion

- Transfer market is as active as ever - maintaining an accurate RIPE Registry remains vital

- Ensuring existing infrastructure and processes remain robust enough to handle upcoming challenges

Our Strategic Focus in 2019

- Increase efficiency and agility to handle emerging challenges

- Ensure resilient infrastructure

- Maintain and further improve registry accuracy

- Increase accountability and due diligence

- Provide reliable data, be a neutral source of information on Internet resources

- Continue to develop engagement activities

Greater Efficiency and Accuracy

- Simplification and automation of processes

- Enabling our staff to spend more time on complex requests and due diligence

- Simplifying the billing process

- Streamline website content to better address user needs

Organisational Evolution

- Looking at our vision, mission and key results for the years ahead, we made the decision to transition to a self-organised structure

- A more agile, open, collaborative organisation will allow us to adapt to the ever evolving needs of our members and stakeholders

- Transition will be completed by end of 2019

Engagement and Outreach

- RIPE Meetings and Regional Meetings

- Member Lunches

- Support for NOGs, national IGFs, technical community events

- Face-to-face training courses

- Community building on RIPE Labs

- Academic cooperation

- Hackathons

- Government roundtable meetings
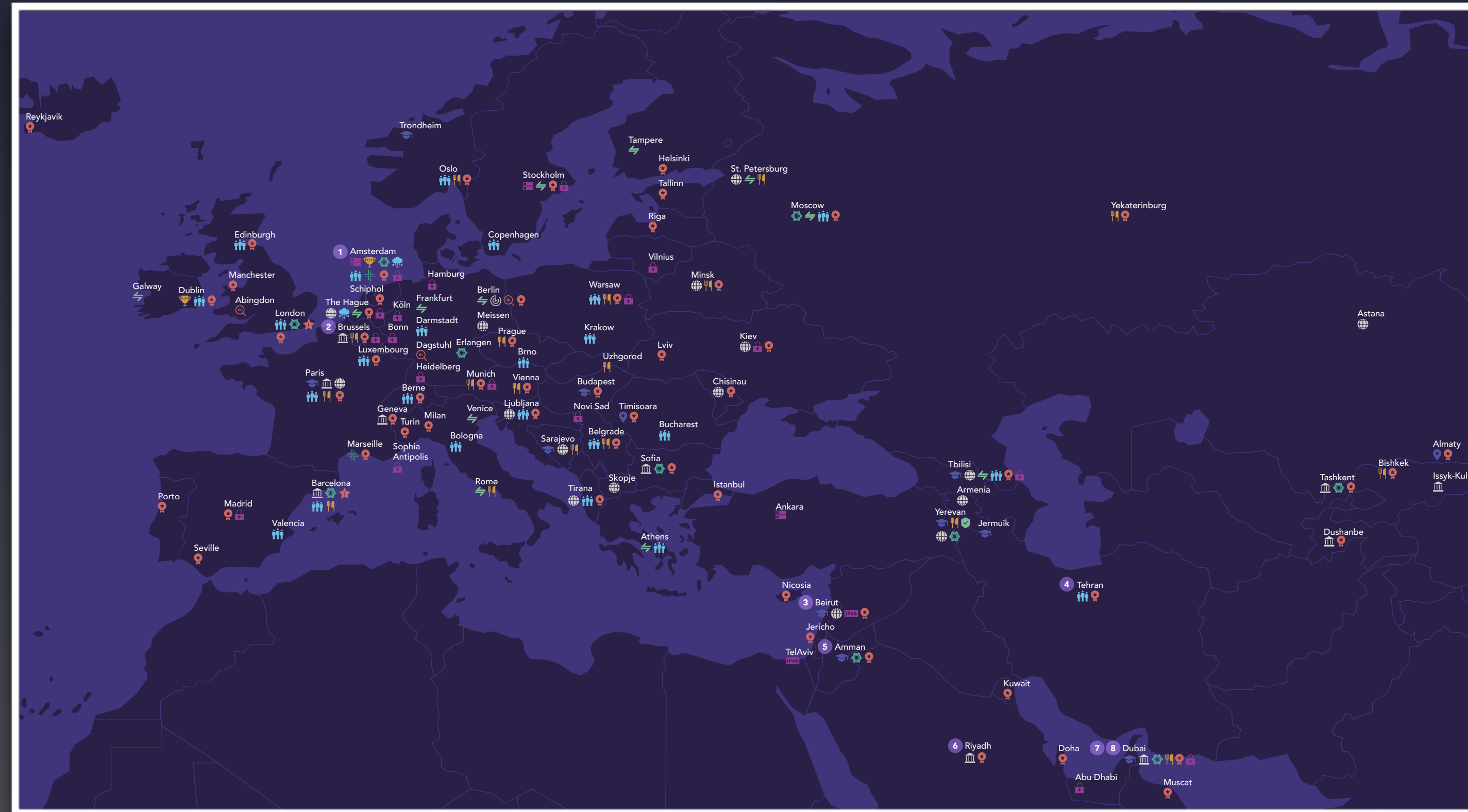
Call for RIPE NCC Community Projects Fund Selection Committee

- Fund providing EUR 250,000 per year for projects supporting resilience and operation of the Internet

- Current Selection Committee:

  - Andreas Larson, Nuno Garcia, Mieke van Heesewijk, Salam Yamout

- Two seats open on the Selection Committee

- Please nominate yourself by 16 June 2019:

  www.ripe.net/s/sZWB

RIPE Atlas

- Developing non-hardware solutions

  - RIPE Atlas VM anchors now available

  - In development: RIPE Atlas software probes

- RIPE Atlas tools and data

  - Supporting new tools and visualisations for network operators

  - Research and analysis based on RIPE Atlas

- Get involved

  - We aim to cover as many ASNs as possible
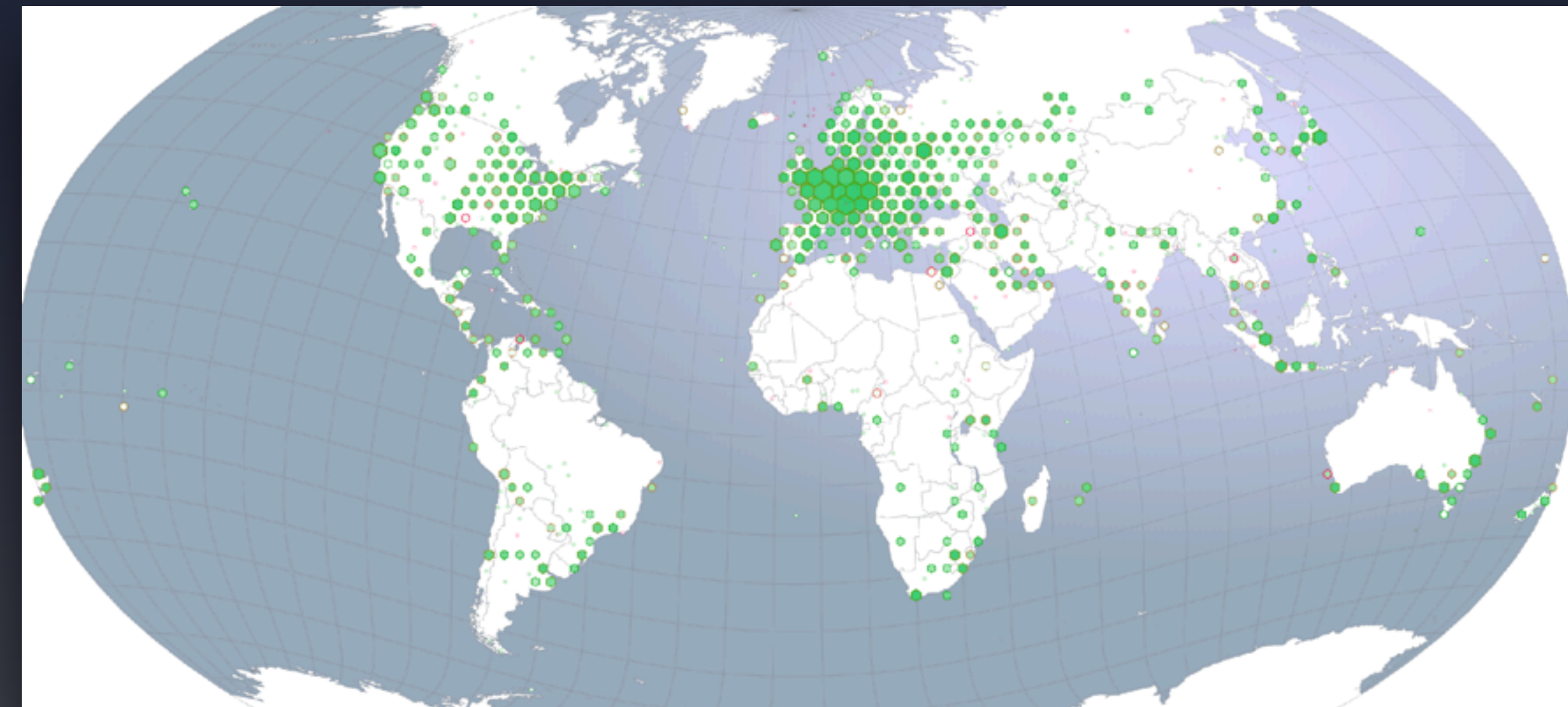
We are looking for sponsors for RIPE Atlas!

atlas.ripe.net/get-involved/become-a-sponsor/

Implementing Abuse-C

- Implementation started in February 2019

- Initial check of over 70,000 contacts

- Automated validation email sent to abuse contacts that fail check

- Manual follow-up by our staff if abuse contacts are not updated

- LIR ORGANISATION and resource objects complete - now checking End User abuse contacts

- Please look out for any emails from us about this!

RIPE NCC Certified Professionals

- Pilot exam testing for RIPE Database badge launching soon

- Apply to participate in the pilot testing round!

   www.ripe.net/certified-professionals

A New Information Security Framework

- Practical and pragmatic approach to implementing effective information security measures

- Focused on protecting against the most common, real-world attack vectors

- Allows us to better assess our security maturity, determine priorities, and track progress

RIPE NCC Survey 2018

- Previous survey took place in 2016 (4,400 participants)

- This will be our last survey before IPv4 exhaustion

- Consultations to identify important issues

- Survey launches this Friday at RIPE 78 (24 May)

- Please participate!

Questions ?

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