



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

# RIPE NCC Update

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RIPE 78 | Reykjavik | 22 May 2019

# Annual Report 2018



- Operational Highlights

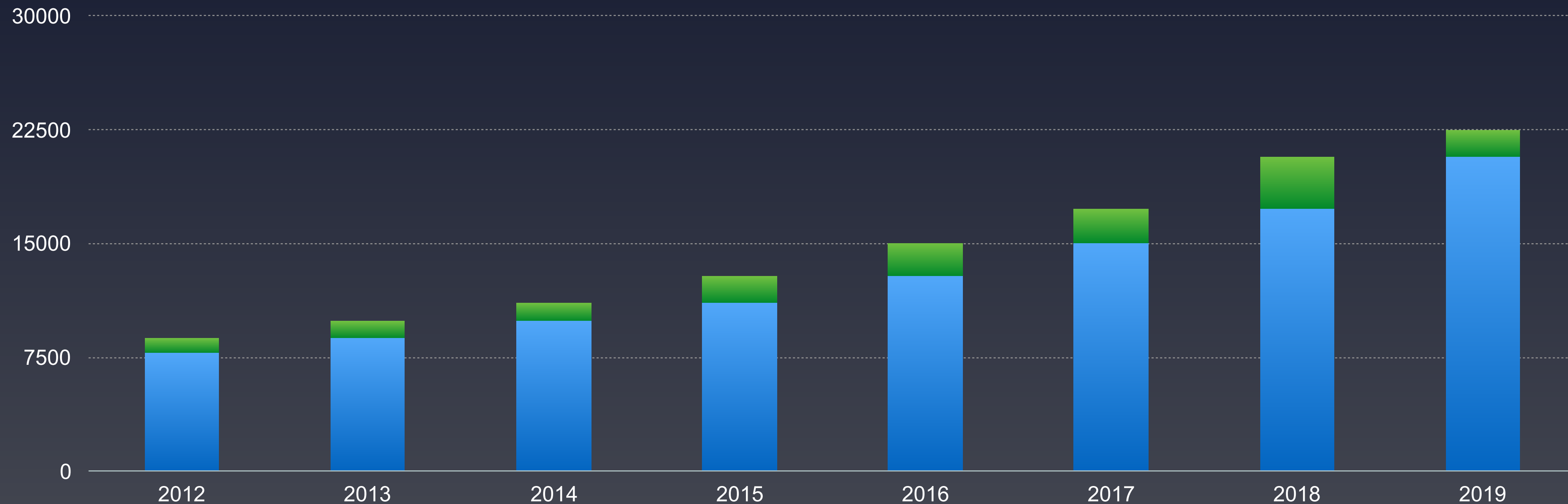
- 4,401 additional members
- 4,610 /22 IPv4 allocations and 2,405 IPv6 allocations
- Over 2,000 attendees at RIPE NCC-organised events
- 98 training courses for 2,114 participants in 55 locations
- 2,628 ARCs completed (83 during RIPE Meetings)
- 10,400+ active RIPE Atlas probes
- 450+ RIPE Atlas anchors

# Financial Report 2018



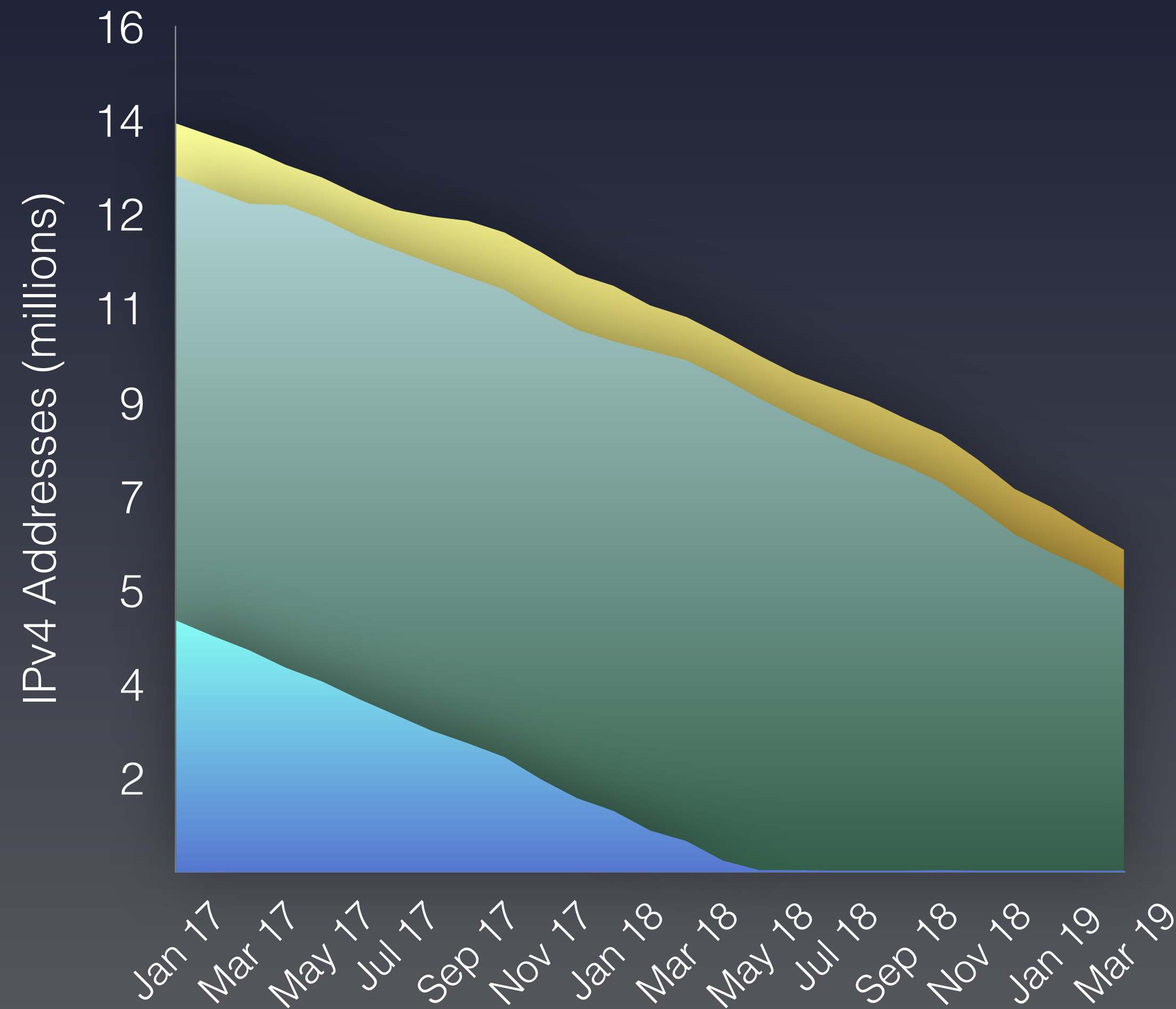
- Continuing to maintain strong and sustainable relations with our members as we approach IPv4 runout (Q4 2019)
- Focus on prudent cost management
- Sound capital and liquidity management
- Transparency in financial operations

# Membership Growth



- 8% growth so far in 2019
- 13,700+ LIR accounts activated since last /8 announced in 2012

# RIPE NCC's IPv4 Pool Exhaustion



- 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

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

# 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



- [illegible]

# Call for RIPE NCC Community Projects Fund Selection Committee



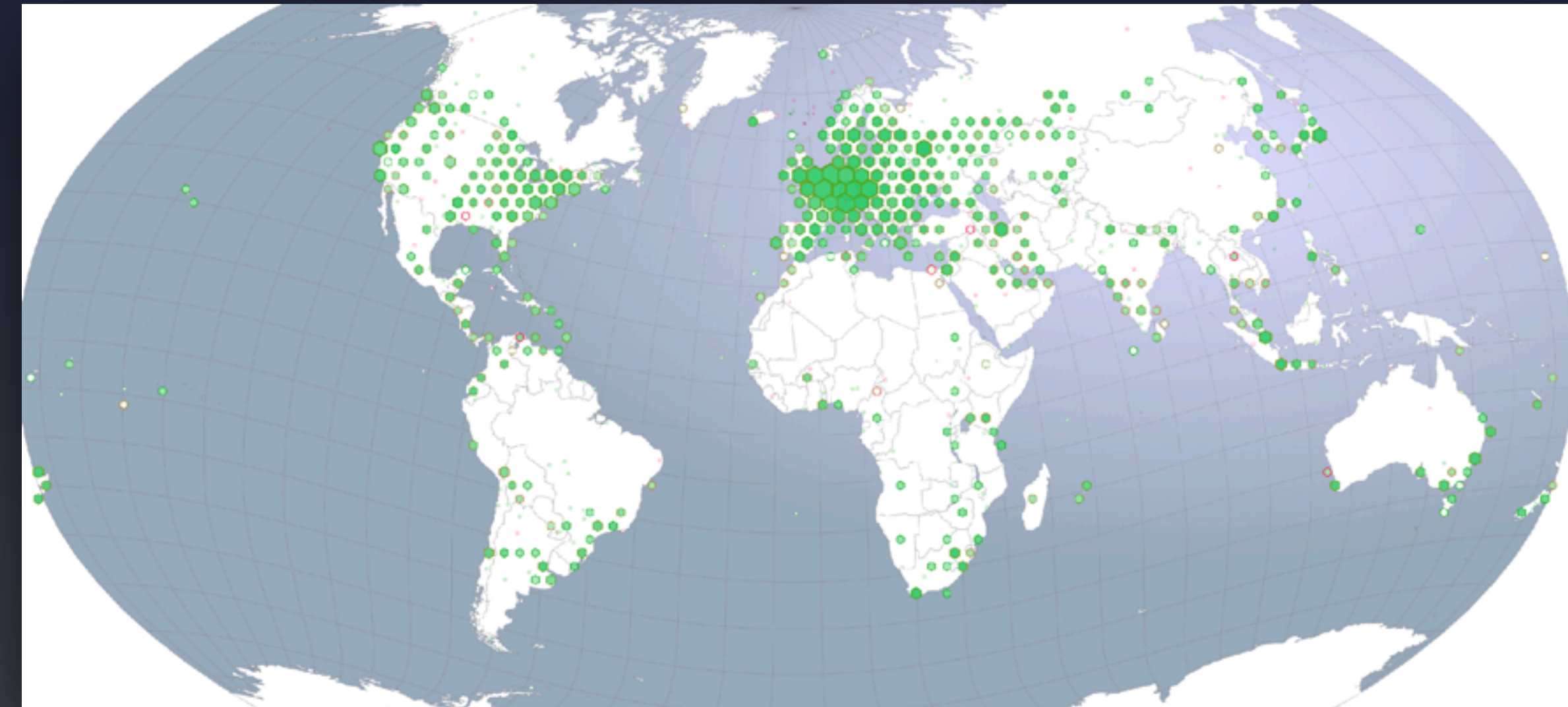
- Fund providing EUR 250,000 per year for projects supporting resilience and operation of the Internet
- Current Selection Committee:
  - Andreas Larson, Nuno Garcia, Mieke van Heesewijk, Salam Yamout
- Two seats open on the Selection Committee
- Please nominate yourself by 16 June 2019:

[www.ripe.net/s/sZWB](http://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/](https://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](http://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!

The screenshot displays a survey interface with a dark blue header bar at the top right indicating "8% completed" with a progress bar. The main content area is white and contains two questions. Question 3 asks "Is your organisation a RIPE NCC Member?" with three rounded rectangular buttons labeled "Yes", "No", and "Don't know". Question 4 asks "From a personal perspective, how long have you been interacting with the RIPE NCC" and features five rounded rectangular buttons: "Less than 2 years", "2-4 years", "5-10 years", "More than 10 years", and "Don't know / can't remember". At the bottom of the survey area, there are two buttons: "Previous" on the left and "Next" on the right. Below the survey area, a footer section contains the text "Copyright (c) 2019 Survey Matters | Privacy Policy | Terms of Use" and the "survey matters." logo, which is repeated twice.



# Questions



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