Mapping the Way Forward

- New strategy that looks ahead to the next five years

- Provides direction to strengthen our position within the Internet ecosystem

- Will inform our Activity Plans going forward

https://www.ripe.net/publications/news/announcements/ripe-ncc-strategy-2022-2026-published
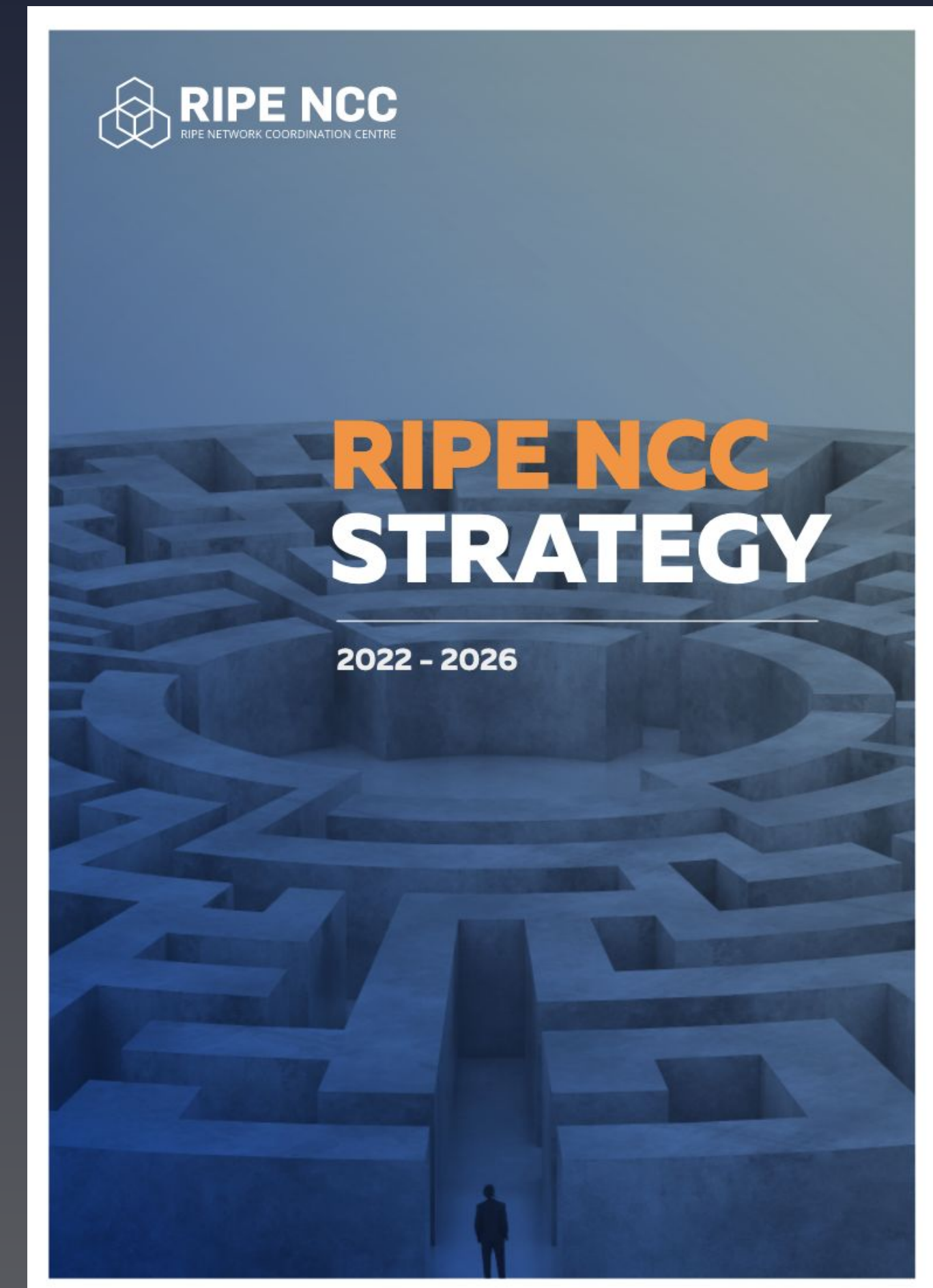

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC
STRATEGY
2022 - 2026

Response to War in Ukraine

- RIPE NCC Executive Board Resolution on Provision of Critical Services: https://www.ripe.net/publications/news/announcements/ripe-ncc-executive-board-resolution-on-provision-of-critical-services

- RIPE Labs article explaining our position: https://labs.ripe.net/author/hans_petter_holen/an-open-internet-remains-the-goal/

- Informed Ukrainian members that they do not risk closure if they cannot pay their invoices on time

- Tracking all developments relating to Ukraine and Russia on a dedicated page on our website: https://www.ripe.net/participate/member-support/the-ripe-ncc-and-ukraine-russia/

Analyses of Internet in Ukraine and Russia

- Our research team, led by Emile Aben, has been studying the impact of the invasion on Ukrainian and Russian Internet

  - The Ukrainian Internet
    https://labs.ripe.net/author/emileaben/the-ukrainian-internet/

  - The Resilience of the Internet in Ukraine
    https://labs.ripe.net/author/emileaben/the-resilience-of-the-internet-in-ukraine/

  - How is Russia Connected to the Wider Internet?
    https://labs.ripe.net/author/emileaben/how-is-russia-connected-to-the-wider-internet/

- TL;DR: Internet has remained fairly stable in both countries so far

Registry

- Sharp increase in the number of transfers over 2021

- Additional staff supporting our Registry Services

- Extra work in terms of EU sanctions compliance

  - Automating checks against sanctions list in response

  - Now publishing Quarterly Sanctions Transparency Reports

- Looking at ways to improve efficiency and response times

  - Long-term solution will involve greater automation and digitisation

- Number of LIRs on IPv4 Waiting List is growing (728 currently)

  - https://www.ripe.net/manage-ips-and-asns/ipv4/ipv4-waiting-list

AuthDNS

- Network operators can now host an AuthDNS instance in their own network

- Benefits include:

  - Faster access to all reverse delegations

  - Improved fault tolerance

  - Improved latency for all reverse DNS lookups

- You can apply to host an AuthDNS node: https://hosted-dns.ripe.net/
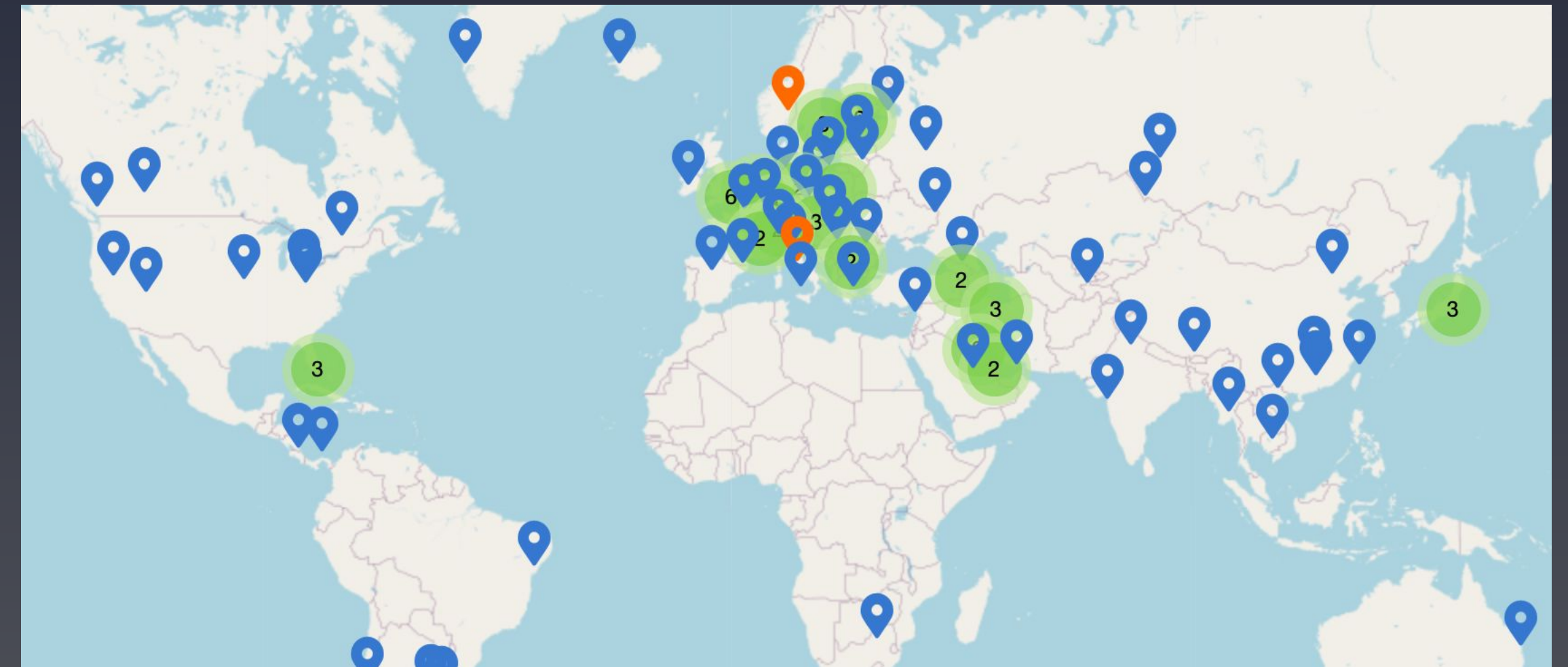
RIPE Atlas

- Building a better network:

  - We have more than 11,100 probes spread out across 5,000+ ASNs in 169 countries

  - Next year we will begin distributing new version five hardware probes to maintain the network

- Improved sponsorship model:

  - Our goal is to cover at least the top five ASNs from all underrepresented regions

  - Sponsorship helps us expand the RIPE Atlas network

  - We have improved our sponsorship packages with more benefits, exposure and incentives

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

E-learning and Certification

- RIPE NCC Certified Professionals: IPv6 Security Expert exam is now live

- RIPE NCC Academy has new content:

  - Updated version of the IPv6 online course

  - IPv6 Security online course

  - *New* virtual lab activities and environment

- Microlearnings now available

Internet Country Report: Cyprus, Israel and Malta

- Looked at the Internet landscape in Cyprus, Israel and Malta

- Key findings:

  - High levels of Internet penetration and a large amount of IPv4 per capita

  - Lack of IPv6 deployment in Malta and Cyprus; Israel follows global average

  - Good amount of interconnection and resiliency in all three countries

  - Highly dependent on submarine cables for their connectivity

https://labs.ripe.net/author/suzanne_taylor_muzzin/ripe-ncc-internet-country-report-cyprus-israel-and-malta/

Figure 18:
K-root locations reached from vantage points in Cyprus, Malta and Israel
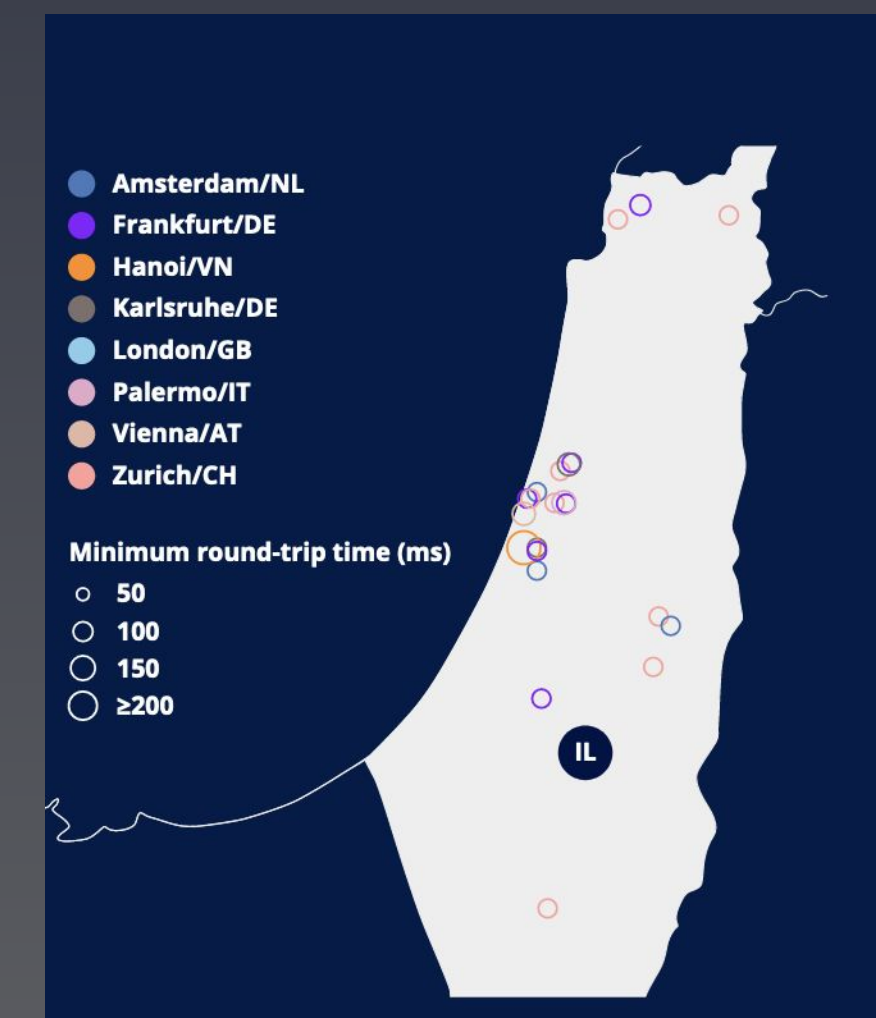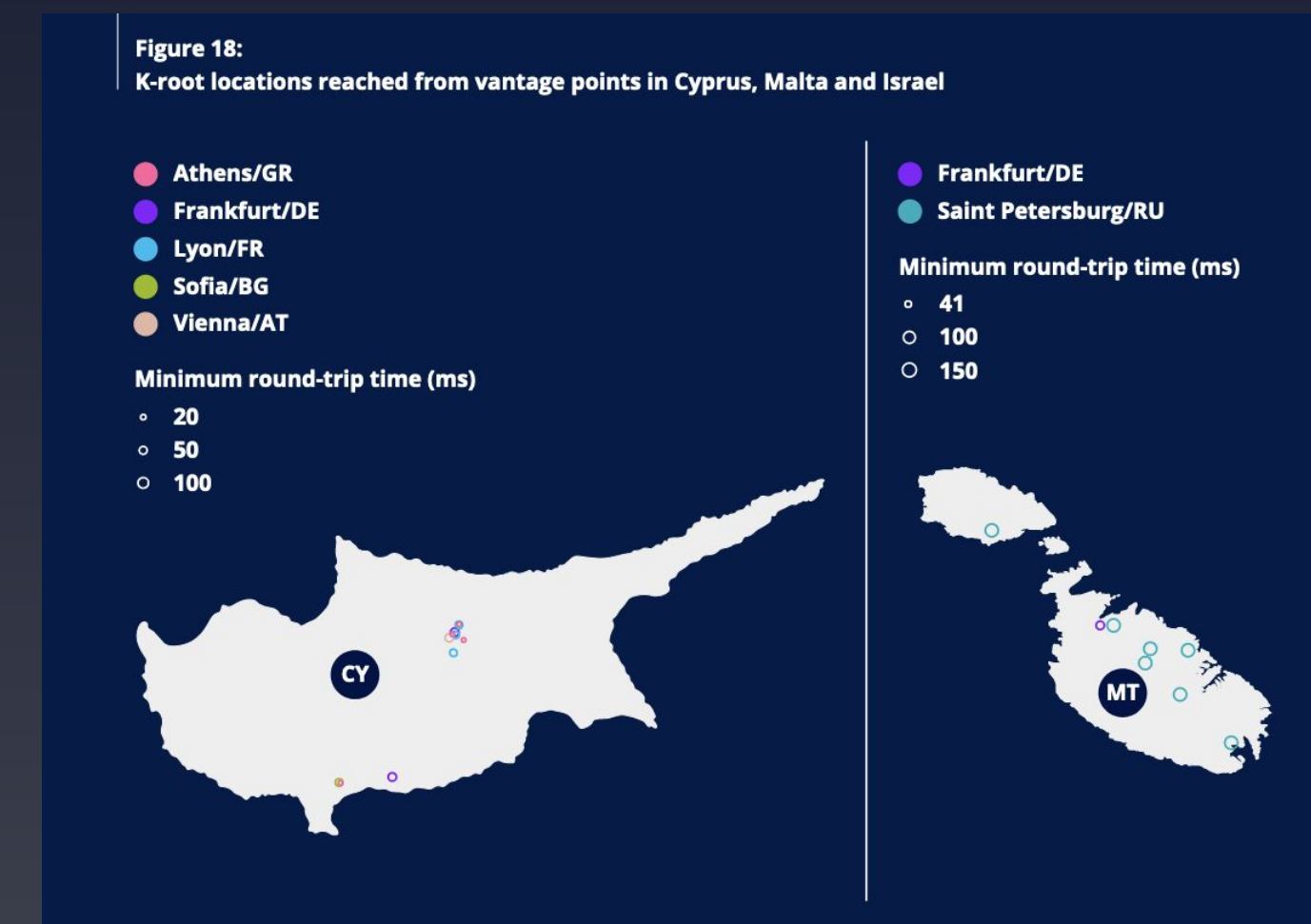
RIPE Labs

- Sharing ideas and perspectives from RIPE NCC staff and the wider community

- The winner of the first RIPE Labs article competition has been announced

- The RIPE Labs podcast is live
https://labs.ripe.net/

Community Projects Fund

- The RIPE NCC has a fund of €250,000 each year to support projects that work for the "Good of the Internet"

- Examples of projects we've funded include:

  - BGP Hijacking Observatory

  - NRTM v4

  - Virtual School of Internet Governance

  - RPKI Ecosystem Health Monitoring

  - Internet Health Report

RIPE NCC Community Projects Fund

https://www.ripe.net/support/cpf

Join us at

RIPE 84

Berlin, Germany
16 – 20 May, 2022

Questions ?

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