



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

# RIPE NCC Update

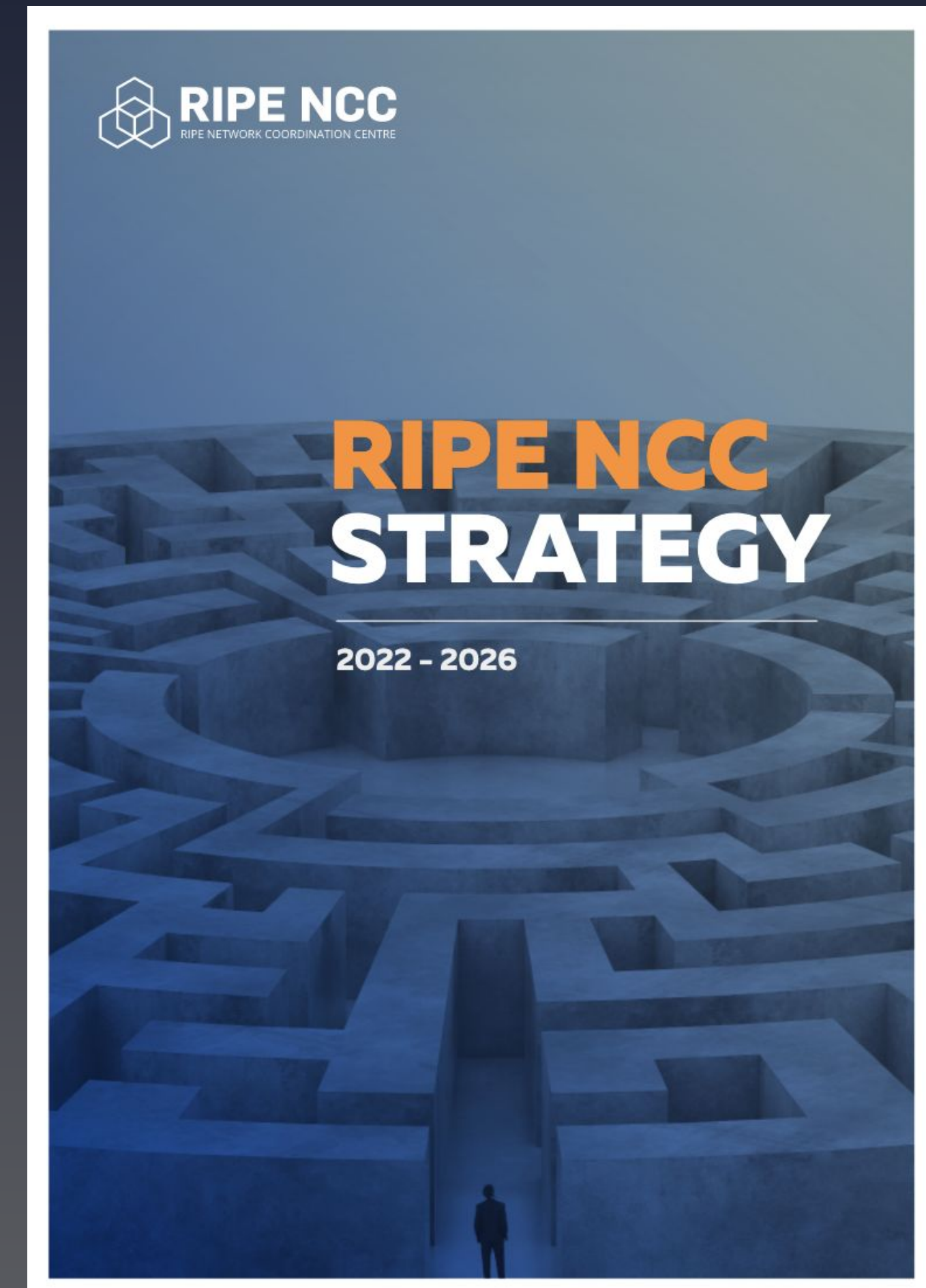
Marco Schmidt  
Registry Services Assistant Manager

# 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>



# 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/](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

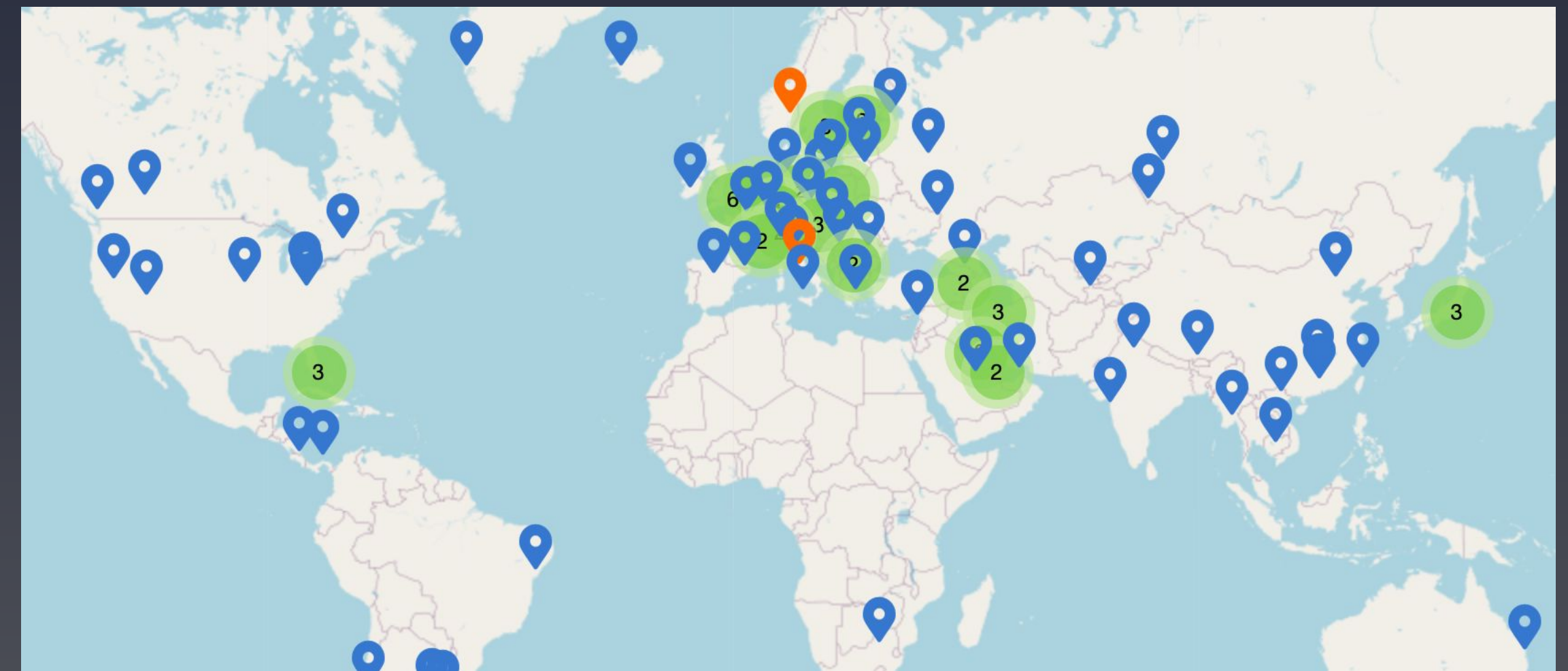


- Sharp increase in the number of transfers over 2021
- Additional staff supporting our Registry Services
- Extra work in terms of EU sanctions compliance
  - Automating checks against sanctions list in response
  - Now publishing Quarterly Sanctions Transparency Reports
- Looking at ways to improve 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



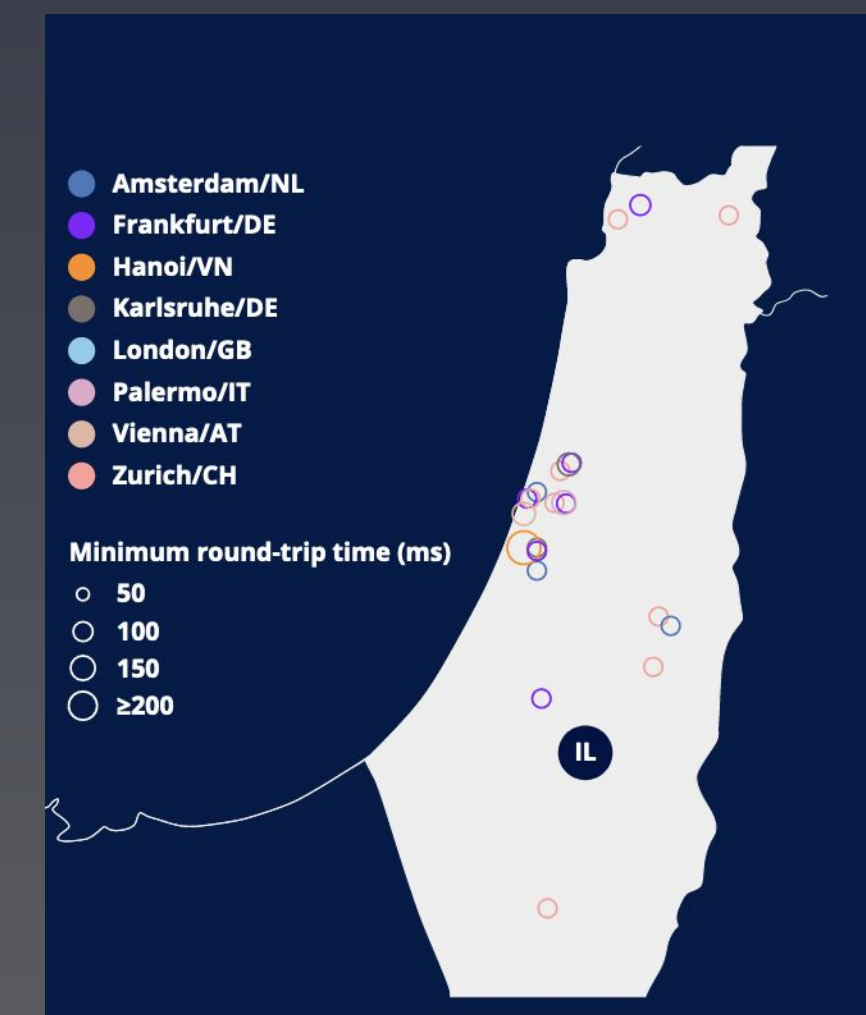
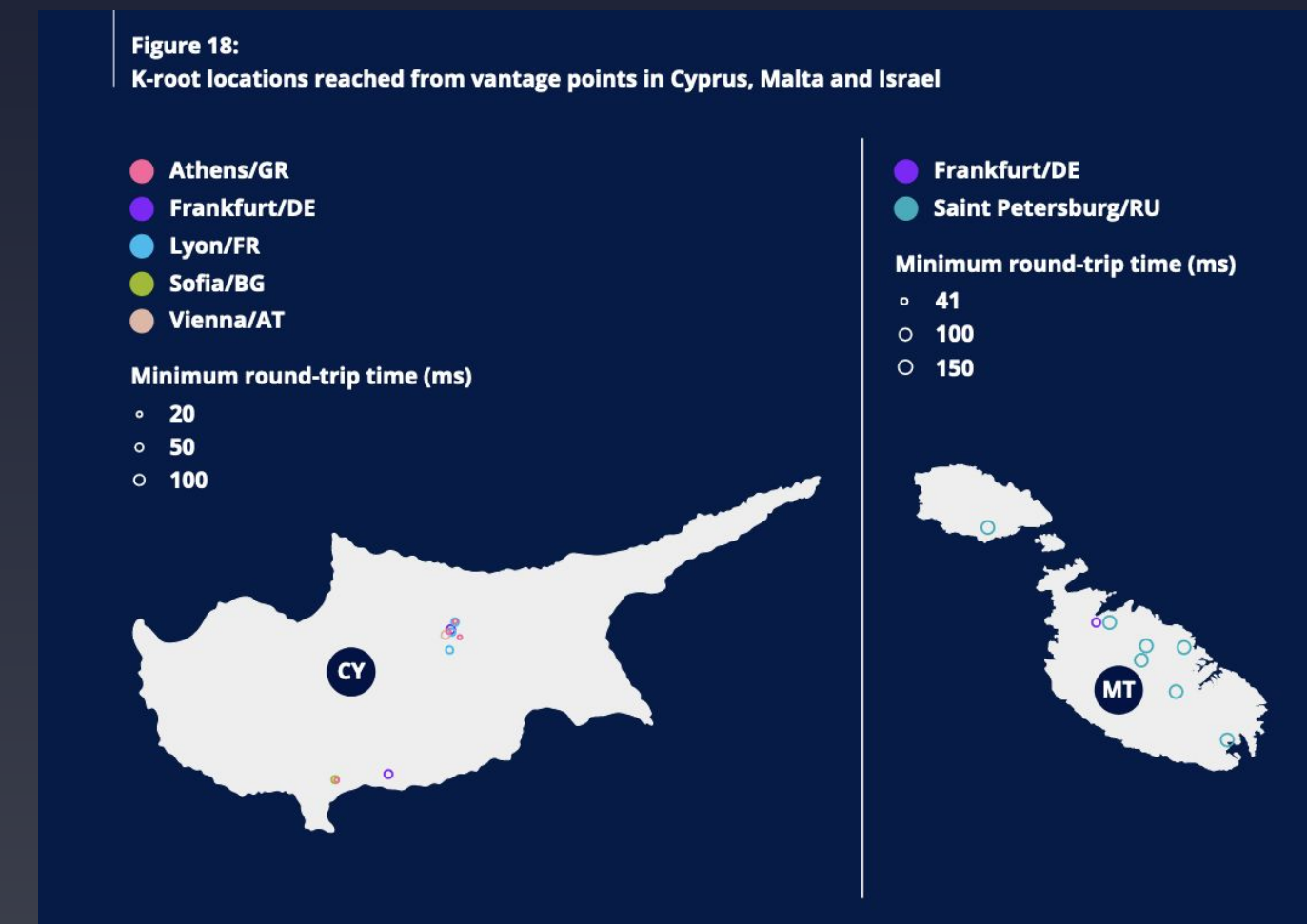




# Internet Country Report: Cyprus, Israel and Malta

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



# 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/>



## The RIPE Labs Article Competition

# 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



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



**Join us at**

**RIPE 84**  
Berlin, Germany  
16 - 20 May, 2022



# Questions



[mschmidt@ripe.net](mailto:mschmidt@ripe.net)  
[@ripenncc](#)