Welcome from the RIPE NCC

Hisham Ibrahim
Chief Community Officer

The Big Picture

- Five RIRs around the world

- Manage, distribute and register Internet number resources (and so much more)

- Not-for-profit, member based organisations

- Community and multi-stakeholder model

The RIPE NCC Commitment

- The RIPE NCC was always intended to be a politically neutral organisation

- We are committed to supporting network operators in a neutral, impartial and transparent manner

- We work to make sure that network operators are not denied access to our services for political reasons
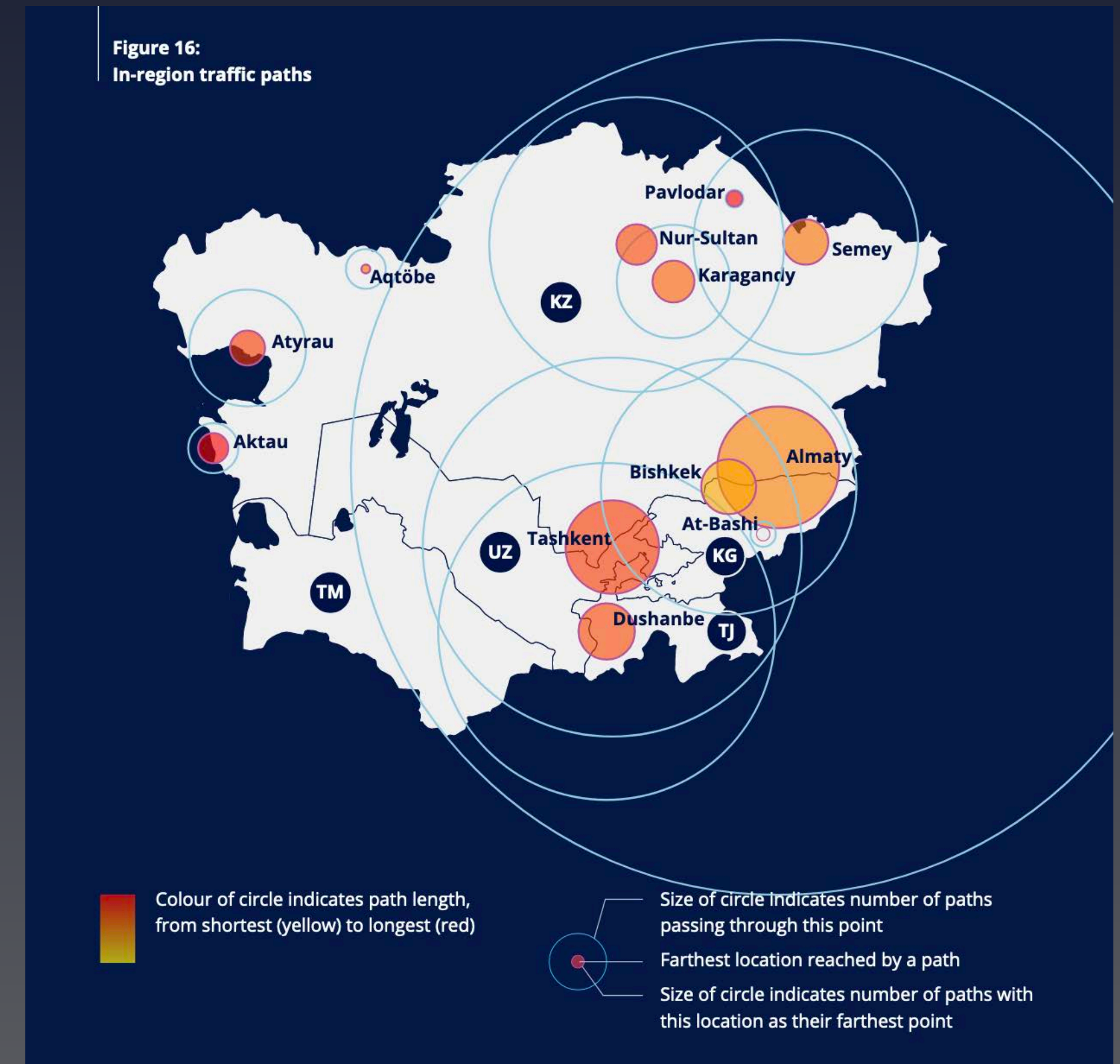
The Road to CAPIF

The Journey on the Silk Road

The Journey on the Silk Road (1)

- 2017: dedicated extra resources to engagement activities in the Caucuses and Central Asia

- 2020: published our 'RIPE NCC Internet Country Report: Central Asia' (available in English and Russian)

- 2021: Euro-IX, the Internet Society, and the RIPE NCC organised a series of online events - Virtual Peering Series (VPS-CA)

Figure 16:
In-region traffic paths

Colour of circle indicates path length, from shortest (yellow) to longest (red)

Size of circle indicates number of paths passing through this point
Farthest location reached by a path
Size of circle indicates number of paths with this location as their farthest point

The Journey on the Silk Road (2)

- 2022:

  - September saw the RIPE NCC Days in Tashkent, Uzbekistan

  - In November we are holding the first in-person Central Asian Peering and Interconnection Forum (CAPIF) in Almaty, Kazakhstan

- We have also worked with the Iranian technical community for years and will continue to do so

How to Build a Community

- Identify the common denominator of interests and values which bring people together

- Easy access to other community members

- Interactions have to be safe and based on trust and respect

- Think win/win as opportunism shatters communities

- A community cannot be faked or forced

- A little fun goes a long way!

Programme Committee

Thanks to the Programme Committee for volunteering their time to craft an engaging agenda!

Shavkat Sabirov
Internet Association of Kazakhstan

Rebecca C-Peter
Euro-IX

Bijal Sanghani
Euro-IX

Fearghas McKay
Flexoptics

Hanna Kreitem
Internet Society

Talant Sultanov
ISOC-Kyrgyz Chapter

Hisham Ibrahim
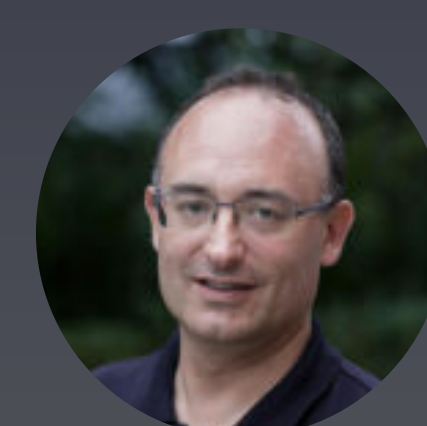RIPE NCC

Gergana Petrova
RIPE NCC

Sandra Gijzen
RIPE NCC

Juan Peirano
Internet Society

Massimiliano Stucchi
Internet Society

Kevin Meynell
Internet Society

Alex Semenyaka
RIPE NCC

Vahan Hovsepyan
RIPE NCC

Getting The Most From The Meeting

Meet the RIPE NCC Team

Hisham Ibrahim
Chief Community
Development Officer

Vahan Hovsepyan
Community
Development

Alena Muravska
Community
Development

Matt Parker
The Registry

Çiğdem Gur
Learning &
Development

Alex Semenyaka
Community
Development

Eamonn Lane
The Registry

Marita Phelan
Web Services

Sandra Gijzen
Community
Development

Alexandra Vos
Events

Tatiana Orlova
The Registry

Ulka Athale
Communications

Karla Liddle-White
Communications

Antony Gollan
Communications

Alun Davies
Communications

Oleg Muravskiy
Global Information
Infrastructure

Meet the RIPE NCC Executive Board Members

Remco van Mook
Executive Board

Piotr Strzyżewski
Executive Board

First Ever CAPIF

Sandra Gijzen   Alexandra Vos

- Peering Personals:

    - **One minute** of fame!

    - Quick and fun way to identify prospective peers in the room

- Bilateral Meetings:

    - A dedicated space for meetings between parties interested in peering

    - A popular networking activity at peering and interconnection forums

- Location:

    - Meeting room: Ablai Khan, Wednesday, 16 November 16:00 - 18:00

RPKI

Alex Semenyaka
DNS and Routing Security
11:00-12:25

- RPKI is a security framework that helps network operators make more informed and secure routing decisions

- We act as a trusted Certification Authority (CA) and issue certificates to resource holders

- Get started with RPKI:

  - https://www.ripe.net/manage-ips-and-asns/resource-management/rpki

ROA Signing Party

Çiğdem Gur Matt Parker

- Let's celebrate safer routing practices!

- Join the ROA Signing Party to learn how you can improve your Internet routing security:

  - Hear real deployment stories and recommendations

  - We will guide you through the process of creating and signing Route Origin Authorisations (ROAs)

- Session: ROA Signing Party

  - Location: Ballroom, Lobby "L" Floor

  - Wednesday, 16 November 16:00-18:00

Learning & Certification

Çiğdem Gur **Matt Parker**

- Face-to-face courses are back!

  - We will still continue with our e-learning and webinars

- New exam and e-learning course in the making: BGP Security

  - You can already pre-register to get updates:

  - https://academy.ripe.net/

RIPE NCC Certified Professionals

BGP Security

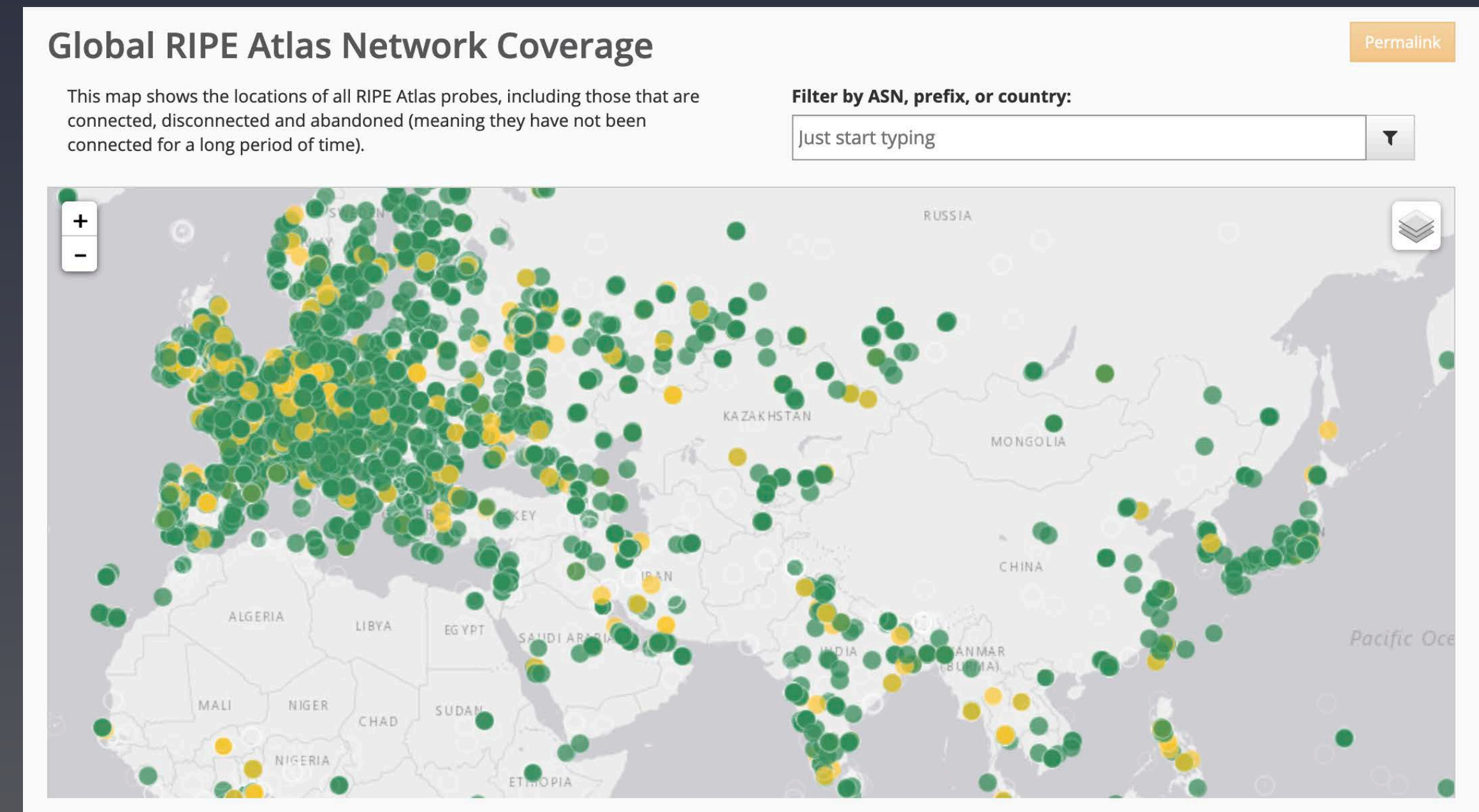Associate

Host a RIPE Atlas Probe

Vahan Hovsepyan   **Alex Semenyaka**

- Help us to create the world's largest Internet measurement network!

- Only 368 RIPE NCC Members have a connected probe in Central Asia!

- Become a host:

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

- Session: RIPE Atlas:

  - Location: Astana, "C" Floor

  - Thursday, 17 November, 11:00-12:25

Global RIPE Atlas Network Coverage

This map shows the locations of all RIPE Atlas probes, including those that are connected, disconnected and abandoned (meaning they have not been connected for a long period of time).

Filter by ASN, prefix, or country:

Just start typing

RIS

Oleg Muravskiy

- RIS is our routing data collection platform

- Use RIS to get insights into the Internet routing system through the tools that make use of RIS data

- For example: RIPEstat, BGPalerter and Internet Health Report all use RIS data

- Session: RIPE Atlas
Location: Astana, "C" Floor,
Thursday, 17 November,
11:00-12:25

RIPE Labs

Ulka Athale **Alun Davies** **Antony Gollan** **Karla Liddle-White**

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

  - Learn more at:
    https://labs.ripe.net/contributing-to-ripe-labs/

- New RIPE Labs podcast is live:

  - https://labs.ripe.net/search/tag/podcast/

  - New interview with Shavkat Sabirov, President of the Internet Association of Kazakhstan:

  - https://labs.ripe.net/author/anastasiya-pak/
    the-internet-in-central-asia/

Community Projects Fund

Alena Muravska   Vahan Hovsepyan

- The RIPE NCC has a fund of €250,000 per year to support projects for the 'Good of the Internet'

- Our next call for applications: May 2023

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

- See previous projects:

    - https://www.ripe.net/support/cpf/previous-funding-recipients

Thank You to Our Sponsors

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We Want to See You at RIPE 86!

- RIPE 86 will be a hybrid meeting in Rotterdam from 22-26 May 2023:

  - https://ripe86.ripe.net/

- RIPE NCC General Meeting (GM) from 24-26 May

- Remote attendance is free and you don't have to attend the entire week

Join us at

RIPE 86
Rotterdam, Netherlands
22 – 26 May 2023

Questions ?

hisham@ripe.net

RIPE Community

- Formed in 1989

- Open forum that anyone can participate in

- Creates policies based on consensus

- Activities coordinated via RIPE Working Groups

- Work done on a volunteer basis

RIPE

RIPE NCC

- Formed in 1992

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

- Secretariat to the RIPE community

- Regional Internet Registry (RIR) for Europe, Central Asia and Middle East

- Funded by members, fully autonomous

- Open, transparent, neutral and impartial

- Legally based in Amsterdam, with offices in Dubai

- Around 20,000 members

RIPE NCC Mission

- As an authority on unique Internet number resources, we enable people to operate and develop the Internet

- As the secretariat for the RIPE community, we are a trusted steward of the open, inclusive, collaborative Internet model, engaging with and connecting people and communities

- As a neutral source of information and knowledge, we actively contribute to the stability and evolution of the Internet

- Read our 2022-2026 strategy here: https://ftp.ripe.net/ripe/docs/ripe-774.pdf
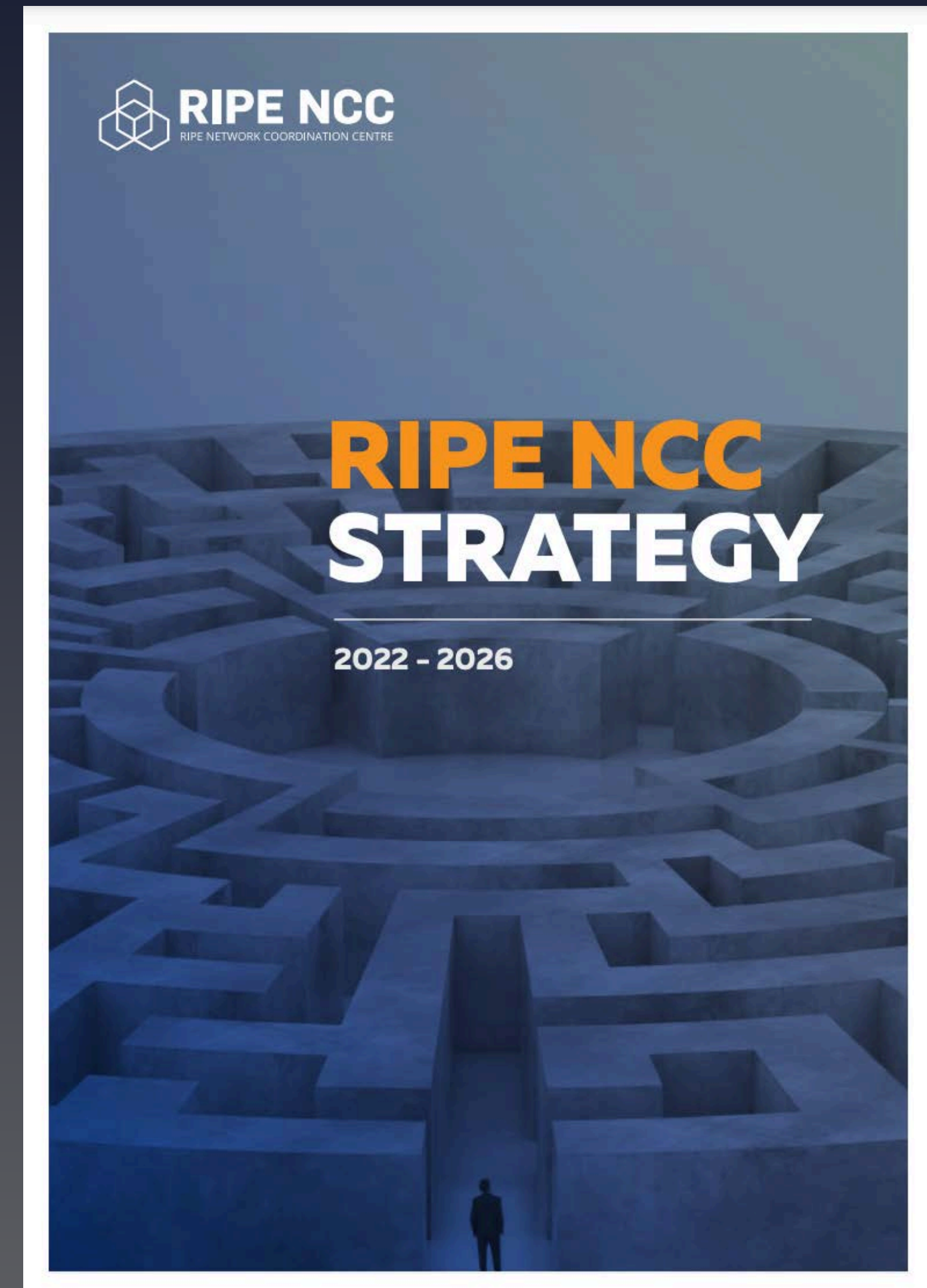
Activity Plan and Budget 2023

- Sets out our plans for the year ahead:

  - Financial figures, costs and statistics for each activity

- One of the clearest way for members to learn about our plans and influence the direction we take next year

- A key part of maintaining accountability and transparency

  - https://www.ripe.net/draft-activity-plan-budget-2023

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Draft Activity Plan and Budget 2023

Date: September 2022