

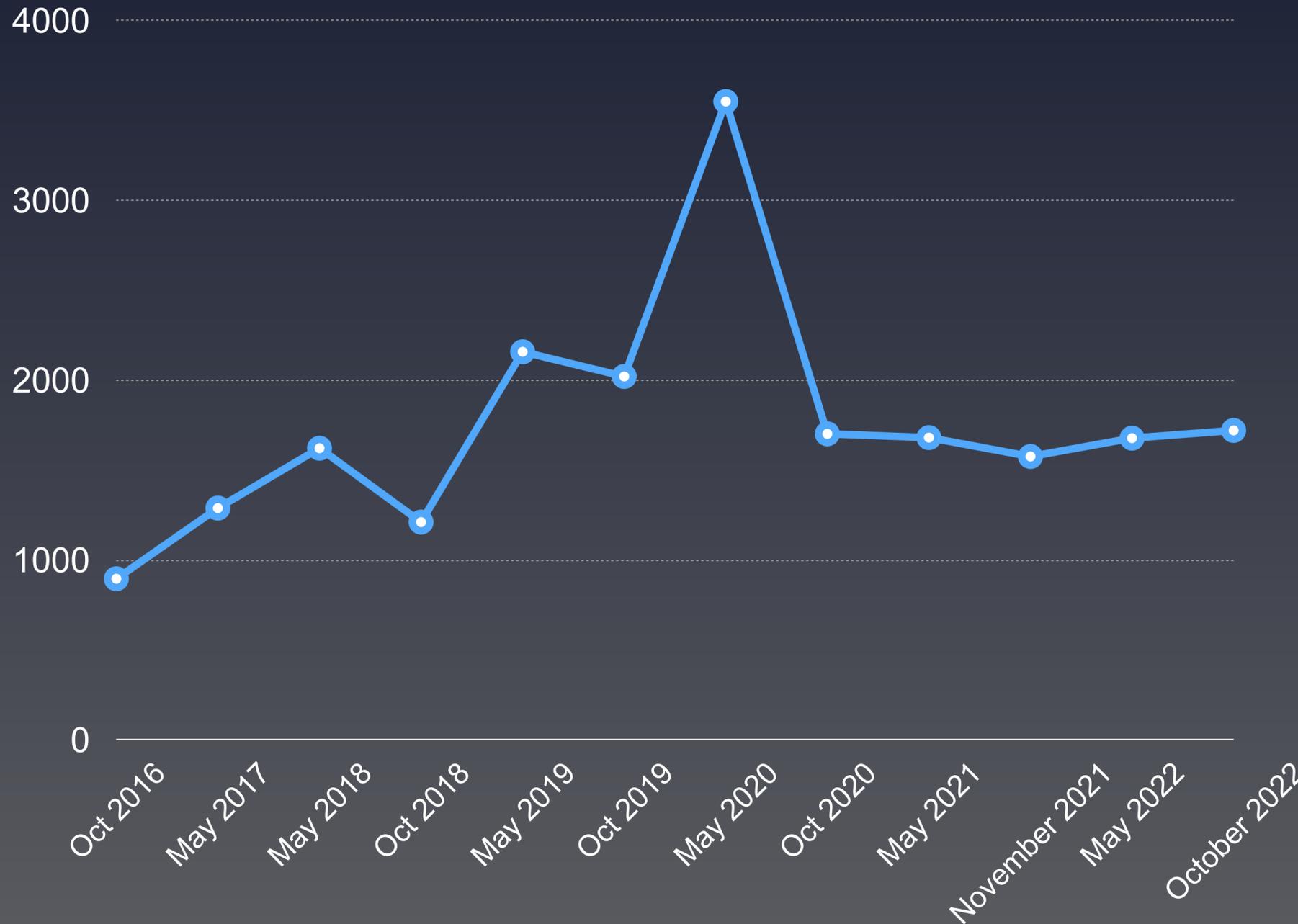


RIPE NCC
RIPE NETWORK COORDINATION CENTRE

New Voting Platform and Procedure

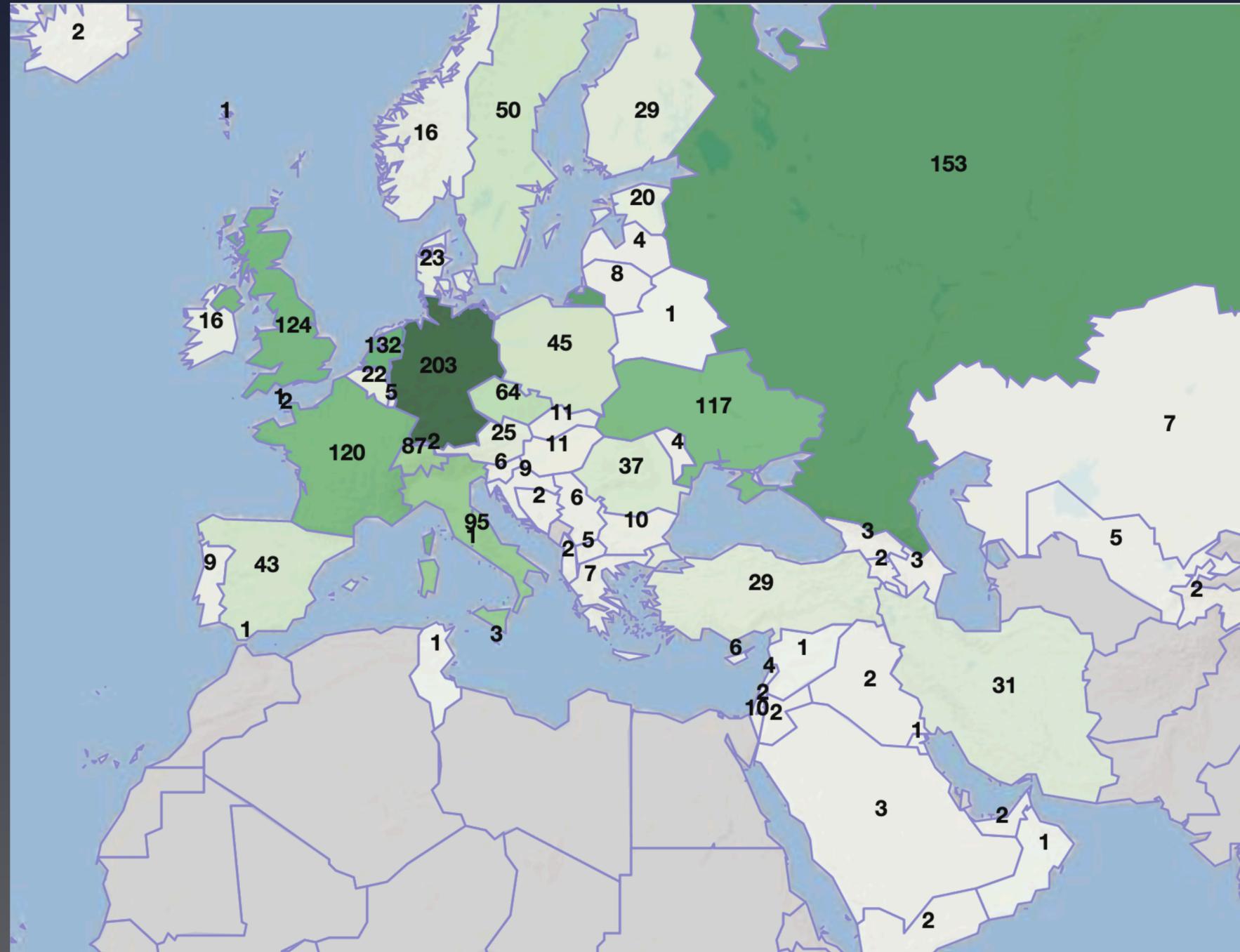
General Meeting October 2022

Registration Overview

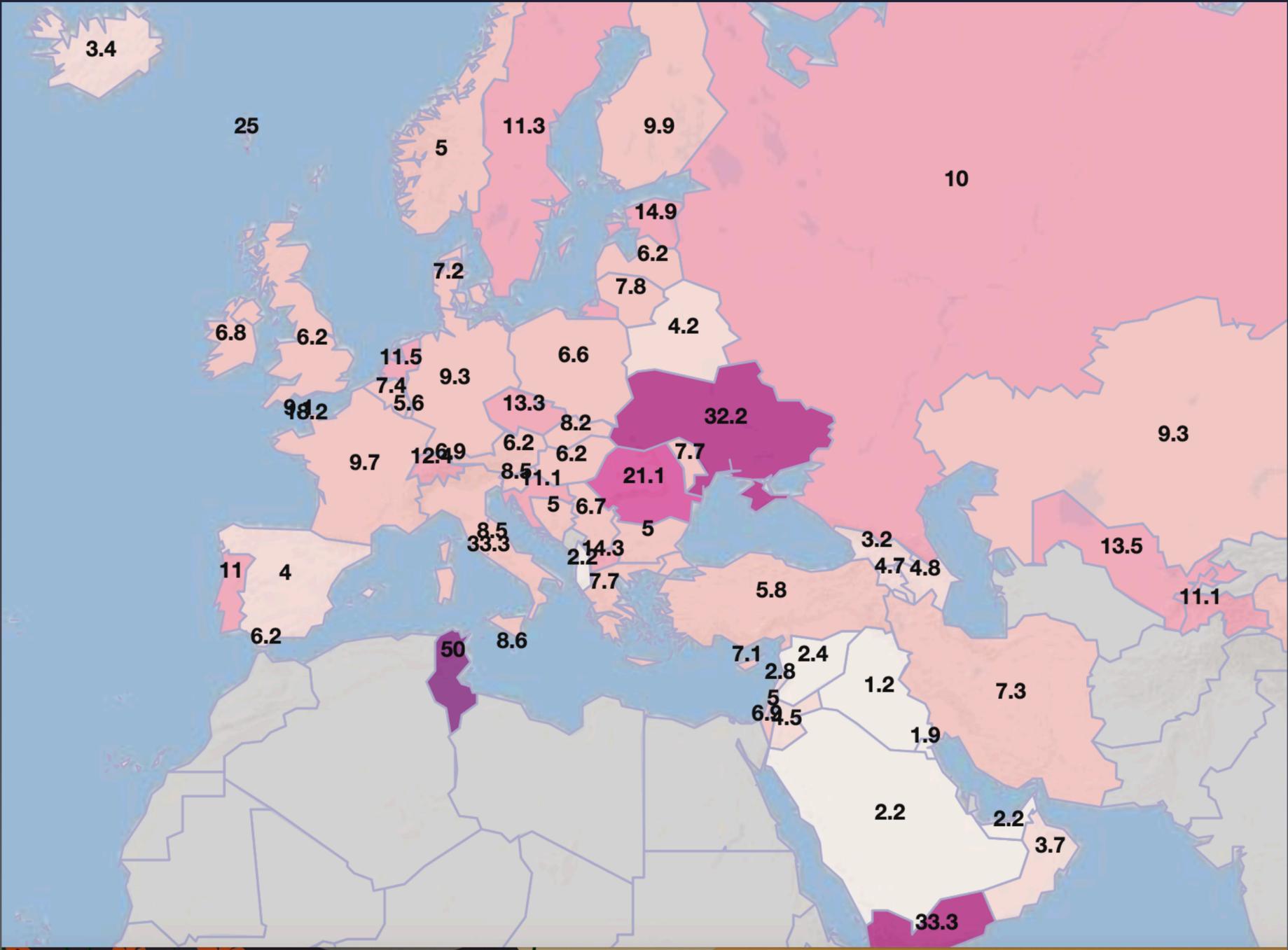


- 19,848 eligible voters
- 1,722 votes registered
- The voter turnout is 7.4%
- 77 countries

Registration by Country



Registration by Country



New Voting Platform - Why?



- Issues with previous provider at both November 2021 and May 2022 GMs:
 - Voting Report
 - Verification Page
- Previous provider is in a different time zone meaning support was not always available during European working hours
- After the May GM, the Board and RIPE NCC Management supported the idea of finding a new voting software provider

New Voting System - Procurement



- Began a search in our service region:
 - GDPR compliant
 - Same time zone
- We looked at 40 different providers in the service region and beyond
- Three vendors matched our broad requirements including the Instant Run-Off calculation, voting methods and vote reporting
- **Assembly Voting** identified as the best match

New Voting System - Assembly Voting



- Assembly Voting (AV) is based in Denmark
- First electronic election provider in the country in 2001
- Supports 6,000 election events with 35 million voters in 75 countries
- Reasons for choosing Assembly Voting:
 - Same time zone for support
 - Closest match to requirements
 - Working with us on a bespoke solution
 - GDPR Compliant
 - Easy to use UI
 - Enhanced security features

New Voting System - Assembly Voting



- Security Features:
 - End-to-end verifiability
 - Two-factor authentication
 - Digital Bulletin Board
 - Encrypted votes
 - Opening and closing keys ceremonies with independent trustee

New Voting System - Ceremonies



- Opening and closing keys ceremonies:
 - An election can only be opened after an opening ceremony with encrypted keys
 - Assembly Voting, the RIPE NCC and an independent observer are trustees who hold keys
 - Only once these keys have all been entered into the system together, can an election begin
 - Once the keys ceremony has taken place, all subsequent actions by all parties can be seen on the Bulletin Board
 - This process is duplicated for a closing ceremony where the voting report is produced once all parties have entered their keys

New Voting System - Changes



- Members will still receive an email with a link to an election platform where they vote on each resolution in turn
- What's new?
 - Log in: Members now need to log in with credentials to vote
 - Voting receipt: you will need to download the receipt after voting
 - Bulletin Board: records all activity from ballot configuration to detailing anonymous votes
 - Vote verification: is carried out with an app

New Voting System - Split Voting



- Assembly Voting will meet all of our requirements with a new system in November 2022
- Currently **do not** support split voting where members can split their weighted votes to vote on one ballot
- People representing more than one member will have to vote **multiple times** at this GM
- Split voting **will be** implemented for the May 2023 GM

How to Vote



Voting can take place once the Chair declares voting open

Paper Ballots

- Attendees only
- Paper ballots must be handed in before you leave this room!

Electronic Voting

- Electronic voting is available to all members who have registered to vote electronically
- Electronic votes can be cast until 09:00 (UTC+2) on Friday, 28 October 2022

Paper Ballots - Resolutions



General Meeting
October 2022

 **RIPE NCC**
RIPE NETWORK COORDINATION CENTRE

Resolution 1

'The General Meeting approves the redistribution of the excess contribution paid in 2022 by redistributing the RIPE NCC 2022 surplus to the membership in 2023.'

YES NO ABSTAIN

Proposal to implement amendments in the Dutch law

Resolution 2

'The General Meeting, in accordance with Article 21 of the Articles of Association, adopts the amendments to Articles 10 and 11.5 of the Articles of Association as proposed and announced by the Executive Board on 28 September 2022. Furthermore, the General Meeting instructs and authorises the Executive Board to perform or to have performed all that is required to have the amendments executed before a Dutch civil law notary.'

YES NO ABSTAIN

Proposal to give the Management Team the authority to call for Executive Board elections

Resolution 3

'The General Meeting, in accordance with Article 21 of the Articles of Association, and provided Resolution 2 is adopted, adopts the amendments to Article 10.1 of the Articles of Association as proposed and announced by the Executive Board on 28 September 2022. Furthermore, the General Meeting instructs and authorises the Executive Board to perform or to have performed all that is required to have the amendments executed before a Dutch civil law notary.'

YES NO ABSTAIN

Proposal to remove the requirement to have paper ballots for RIPE NCC General Meeting voting

Resolution 4

'The General Meeting, in accordance with Article 21 of the Articles of Association, and provided Resolution 2 is adopted, adopts the amendments to Article 18.5 of the Articles of Association as proposed and announced by the Executive Board on 28 September 2022. Furthermore, the General Meeting instructs and authorises the Executive Board to perform or to have performed all that is required to have the amendments executed before a Dutch civil law notary.'

YES NO ABSTAIN

Make a mark in one box only for each resolution - otherwise your vote will be deemed invalid

You must hand in your paper ballot before you leave this room!

Electronic Voting



☆ RN **RIPE NCC** Inbox - RIPE NCC 10:11

TEST - RIPE NCC General Meeting - Log in Number
To: Karla Liddle-White,
Reply-To: General Meeting Organisation Team

[View in browser](#)

Dear Karla Liddle-White,

Your Registration number is [REDACTED] 

You will need your Registration number to log into the RIPE NCC General Meeting election platform.

You will also receive a separate email with a link to the election platform.

All the information for the GM is available at:
<https://www.ripe.net/gm/oct2022>

Important: You can cast your vote until 09:00 (UTC+2) on Friday, 28 October 2022. If you have questions or experience any issues, please email:
agm@ripe.net

Kind regards,
General Meeting Organisation Team
RIPE NCC

RIPE NCC
Stationsplein 11
1012 AB, Amsterdam
agm@ripe.net

You will receive TWO emails

One will include your Registration number needed to log in to the election platform

Electronic Voting



Dear Karla,

You are invited to vote in the RIPE NCC General Meeting October 2022.

You will need your Registration number that you received in an email from the RIPE NCC. To log in for the RIPE NCC General Meeting click on the "Vote Now" button below.

You will be presented with four ballots to vote on. For each resolution you need to vote for either YES, NO or ABSTAIN. The ABSTAIN votes are noted but do not count towards the results.

Vote now

Your personal election code:  is transferred in the link and you only need to type in your Registration number

The system can be accessed on your preferred device with access to a browser. Please be aware that Internet Explorer cannot be used to access the system.

Important: You can cast your vote until 09:00 (UTC+2) on Friday, 28 October 2022. If you have questions or experience any issues, please email: agm@ripe.net

Best Regards,
RIPE NCC

In another email, you will receive a link to the election platform which also includes your election code.

Click the 'vote now' button or link in the email to start voting



Electronic Voting



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC General Meeting October 2022

See how the election provider, [Assembly Voting](#), handles personal data [here](#)

Sign in with your credentials to vote

Registration number

The Registration number has been sent to you from RIPE NCC via email

Election Code

The election code has been sent to you via Assembly Voting by email

[Go to ballot](#)

About the system
Information regarding documentation, privacy policy and system provider. [Read more](#)

Election information
Information regarding the election process can be found on the bulletin board of the election. [Go to board](#)

Voter verification
 Show cryptograms for validation of cast vote.

You will need your Registration number from the email you receive from the RIPE NCC to log in. The election code is auto-populated

Electronic Voting



Sign out



RIPE NCC General Meeting October 2022

RIPE NCC General Meeting October 2022
For questions about the GM please contact agm@ripe.net

See how the election provider, [Assembly Voting](#), handles personal data [here](#)

Resolution 1

'The General Meeting approves the redistribution of the excess contribution paid in 2022 by redistributing the RIPE NCC 2022 surplus to the membership in 2023.'

Resolution 1 - Yes

Resolution 1 - No

Resolution 1 - Abstain

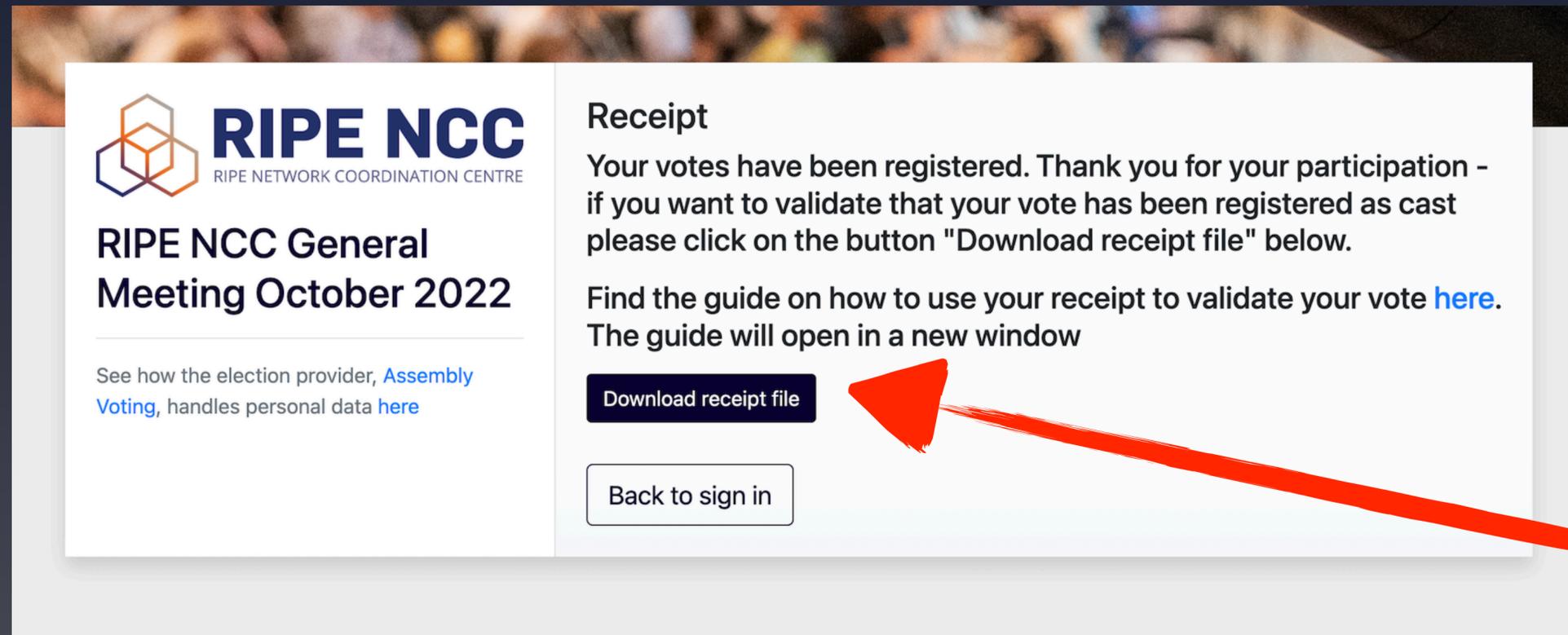
Select one (1) option

Continue

If you have a weighted vote, you will need to vote on behalf of each member on every resolution



Electronic Voting

A screenshot of a web page showing a voting receipt. The page has a white background with a dark blue header. On the left, there is a logo for RIPE NCC (RIPE NETWORK COORDINATION CENTRE) and the text 'RIPE NCC General Meeting October 2022'. Below this, there is a link to 'Assembly Voting' and a note about personal data. On the right, there is a 'Receipt' section with a thank you message and a 'Download receipt file' button. A red arrow points to the 'Download receipt file' button.

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC General Meeting October 2022

See how the election provider, [Assembly Voting](#), handles personal data [here](#)

Receipt
Your votes have been registered. Thank you for your participation - if you want to validate that your vote has been registered as cast please click on the button "Download receipt file" below.

Find the guide on how to use your receipt to validate your vote [here](#). The guide will open in a new window

[Download receipt file](#)

[Back to sign in](#)

You can download your receipt after you have finished voting.

Electronic Voting



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RIPE NCC General Meeting October 2022

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Receipt

Your votes have been registered. Thank you for your participation - if you want to validate that your vote has been registered as cast please click on the button "Download receipt file" below.

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[Download receipt file](#)

[Back to sign in](#)

About the system
Information regarding documentation, privacy policy and system provider. [Read more](#)

Election information
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Vote verification
 Show cryptograms for validation of cast vote.

The vote receipt does not record what choice you made.

However, you can check your vote has been recorded by uploading your vote receipt.

To do this, go to the Bulletin Board.

Electronic Voting



Find vote - Upload receipt

Upload a receipt to find your vote on the board.

No file chosen

Show only my activity

Upload your receipt

Board
The election is open

Actor	Activity	Registered at
Voter 625871335	Vote submission	11 Oct 2022 at 14:33:28.054
System	Voters added	11 Oct 2022 at 14:33:20.139
System	Threshold configuration	11 Oct 2022 at 14:33:20.130

From there you can see your anonymous vote on the Bulletin Board (it will be highlighted in green)

Electronic Voting



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RIPE NCC General Meeting October 2022

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Receipt

Your votes have been registered. Thank you for your participation - if you want to validate that your vote has been registered as cast please click on the button "Download receipt file" below.

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[Download receipt file](#)

[Back to sign in](#)

About the system
Information regarding documentation, privacy policy and system provider. [Read more](#)

Election information
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Voter verification
 Show cryptograms for validation of cast vote.

You can also verify the content of your vote before you submit it.

This is like re-opening the envelope after you've placed your vote inside it.

Read the [GM Voting Platform Guide](#) to find out how.

Electronic Voting



GM Voting Platform Guide

PDF: www.ripe.net/gm/oct2022/vote-guide

Video: www.ripe.net/gm/oct2022/how-to-vote



GM Voting Platform Guide

Voting on Resolutions



- There are four Resolutions to be voted on:
- Resolution 1 requires more than 50% YES votes to pass
- Resolution 2 requires more than two thirds of YES votes to pass
- Resolution 3 requires more than two thirds of YES votes to pass
- Resolution 4 requires more than two thirds of YES votes to pass

Note: Abstentions are noted, but do not count!

Announcing the Results



- On Friday, 28 October the GM will reconvene at 10:30 (UTC+2)
- The Executive Board Chair will announce the results
- The announcement will be streamed live



Questions



kwhite@ripe.net



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Voting on the Resolutions

General Meeting October 2022

Resolutions



Resolution 1 - ‘The General Meeting approves the redistribution of the excess contribution paid in 2022 by redistributing the RIPE NCC 2022 surplus to the membership in 2023.’

Resolution 2 - *Proposal to implement amendments in the Dutch law*

‘The General Meeting, in accordance with Article 21 of the Articles of Association, adopts the amendments to Articles 10 and 11.5 of the Articles of Association as proposed and announced by the Executive Board on 28 September 2022.’

Furthermore, the General Meeting instructs and authorises the Executive Board to perform or to have performed all that is required to have the amendments executed before a Dutch civil law notary.’

Resolutions



Resolution 3 - Proposal to give the Management Team the authority to call for Executive Board elections

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Furthermore, the General Meeting instructs and authorises the Executive Board to perform or to have performed all that is required to have the amendments executed before a Dutch civil law notary.’

Resolution 4 - Proposal to remove the requirement to have paper ballots for RIPE NCC General Meeting voting

‘The General Meeting, in accordance with Article 21 of the Articles of Association, and provided Resolution 2 is adopted, adopts the amendments to Article 18.5 of the Articles of Association as proposed and announced by the Executive Board on 28 September 2022.

Furthermore, the General Meeting instructs and authorises the Executive Board to perform or to have performed all that is required to have the amendments executed before a Dutch civil law notary.’



Voting is open

The GM will reconvene on Friday,
28 October at 10:30 (UTC+2).