



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC Charging Scheme Update

Simon-Jan Haytink, Chief Financial Officer

About today's presentation



This presentation is focused on:

- Describing our phased approach
- Outlining the process
- Explaining the models we're exploring

All figures related to Phase 1 will be published in November, together with calculators for each model:

- This is five months before the vote
- We usually release these numbers about six weeks before

We want feedback on our concepts



August 2024: Task Force formed - 20 meetings from August 2024 to October 2025

October 2024: Progress report at the General Meeting

May 2025: Presentation at the Spring General Meeting

July 2025: Report sent to the Executive Board

July 2025: RIPE NCC Charging Scheme Task Force 2024 Report Published

October 2025: Task Force consulted on proposed models



Draft Charging Scheme Models: A Phased Approach

A Phased Approach



The Focus Right Now

We are **currently drafting charging scheme models** that implement the principles of the RIPE NCC Charging Scheme Task Force.

The **membership fee** is our main priority at this stage

This is based on the principles of the Task Force

This fee represents the **significant majority of our income**

It is essential to get this part correct before expanding further

A Phased Approach



Our aims

A three-phase process - not everything at once

Simplicity is key - clear models that are easy to understand

Structured process - each phase builds on the last

Goal - meaningful, phased and **focused feedback** at each stage

Why a phased approach?

- Phasing the process allows for more focused feedback that's easier to process
- Helps us better understand the membership's perspectives on each element

Three Phases



Phase 1

Publish draft Models A and B

- Focus of these models is on the Membership Fee
- Includes an interactive calculator
- Membership fee is a significant majority of RIPE NCC income
- First focus point as this will affect all members, and it has a major effect on the RIPE NCC's financial stability

Publication: Nov/Dec 2025

Three Phases



Phase 2

Publish draft proposals on separate charges

- Make proposals for additional charges which are in line with the principles
- Many options for how we could handle separate fees

Publication: Jan/Feb 2026

Three Phases



Phase 3

Publish final draft Models

- Present final draft models incorporating membership feedback
- Final integration of 1 and 2 aligning membership fee + separate charges

Publication: March 2026



Draft Models



Both proposed charging models have been developed in line with the Task Force principles

Each model is based on resources held by a member and aims for equity over equality

They are designed to be as simple as possible while maintaining fairness and clarity



Category Based on Subnet

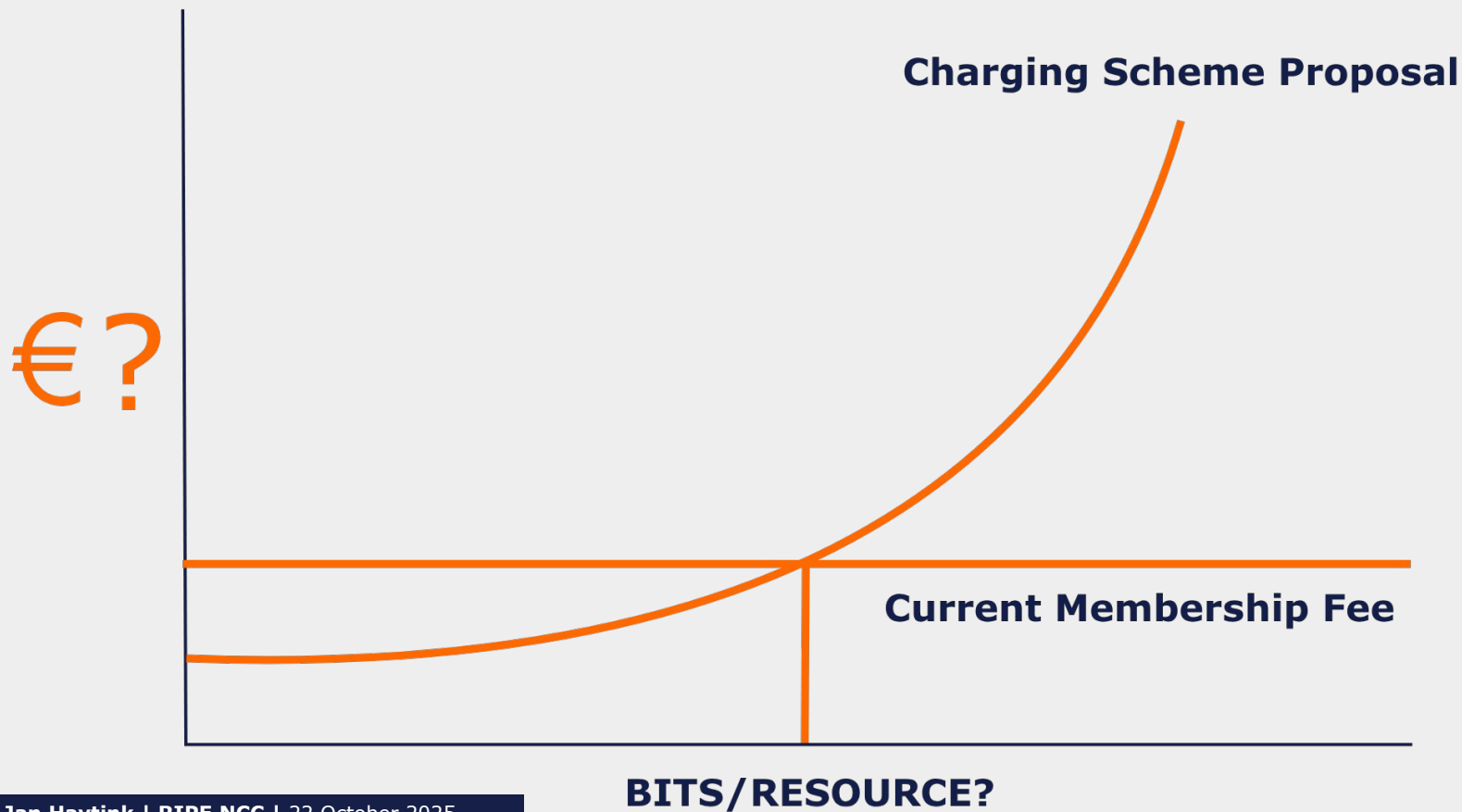
- Uses **25 categories** that correspond to subnets in both allocated IPv4 and IPv6
- Gradual sliding scale ensures no dramatic increase in fees
- A member falls into the category that corresponds to the highest IPv4 or IPv6 subnet allocated in total
- There is a base fee every member pays regardless of resources held



Formula-based model

- Creates as many fee levels as needed, ensuring small differences in resources mean small differences in fees
- Calculates the fee directly from each member's PA resources
- The fee will be calculated for IPv4 and IPv6 separately, and the higher of the two will apply
- There is a base fee every member pays regardless of resources held

Charging Scheme Proposal



Sneak Preview: Member Calculator

Disclaimer: Numbers are draft

Quadratic Formula:		fee = base fee + factor1 * IPbits + factor2 * IPbits^2		
Parameters:	type	value		
base fee:	tunable	250		
factor1	tunable	415		
factor2	tunable	15		
		Version 1: continuous, infinite categories		
# of allocated IPv4 /24s	IPv4 addresses	Log2	IPbits	IPv4 Fee
5	1,280	10.322	3.322	€ 1,794.00
# of allocated IPv6 /32s		Log2	IPbits	IPv6 Fee
1		0	1	€680.00
		Highest:	€1,794.00	
		Version 2: discrete categories, CIDR chart		
		CIDR	Category	IPv4 Fee
		Between /21 and /22	3	€1,630.00
		CIDR	Category	IPv6 Fee
		/32	1	€680.00
				€1,630.00



November

Phase 1: Publish draft Models A and B

- We will publish the figures and calculators for each model
- Members will be able to:
 - Compare outcomes across models
 - Assess their individual fees
 - Provide feedback ahead of the May General Meeting



Our thanks to the Task Force for their guidance and to the membership for their support.

The Task Force's work is complete and the direction is clear - now we move to the next phase (and the feedback to come).



Questions & Comments

