



Rob Blokzijl
RIPE Chairman

K13@NIKHEF.nl

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History of RIPE

- **Started in May 1989**

- **First Meeting:**
 - 14 participants
 - Half day

- **Protocol Wars:**
 - OSI is good
 - Invented by the phone companies
 - TCP/IP is bad
 - Not invented by the phone companies



RIPE Terms of Reference

ripe-1: <http://www.ripe.net/ripe/docs/ripe-001.html>

Recognising that IP networks are growing beyond the LAN's in Europe, and are extending over national and international WAN's in Europe, the RIPE co-ordinating body has been created.

RIPE stands for the "Réseaux IP Européens".

The objective of RIPE is to ensure the necessary administrative and technical co-ordination to allow the operation and expansion of a pan-European IP network.

- RIPE acts as a forum for the exchange of technical information and the creation of expertise on IP networking.
- The area of relevance for RIPE is Europe.
- All parties operating wide area IP networks are encouraged to participate.
- RIPE promotes and co-ordinates interconnection of IP networks within Europe and to other continents.
- RIPE establishes agreement on common network management practices and the operational management of the interconnected networks.
- RIPE serves as a focal point for other common activities of the participants related to IP networking.
- All documents produced by RIPE will be publicly available.
- RIPE is not a network service provider. IP networks collaborating in RIPE remain under the executive authority of their respective organisations.

Amsterdam

29 November 1989

What Does RIPE Do?

- ✓ **Operational Coordination of IP Networks**

- × **No Standards Development**
- × **No Names Assignment**
- × **No Network Operation**

About RIPE

- **Not a legal entity**
- **No formal membership**
- **No votes: **consensus** is the word**

- **Chairman:**
 - Organises the RIPE Meetings
 - Keeps an eye on the work between RIPE Meetings
 - External liaison

- **Real work is done in the **Working Groups (WG)****
- **Sometimes **Task Forces (TF)****
- **Sometimes **Birds of a Feather meetings (BOF)****

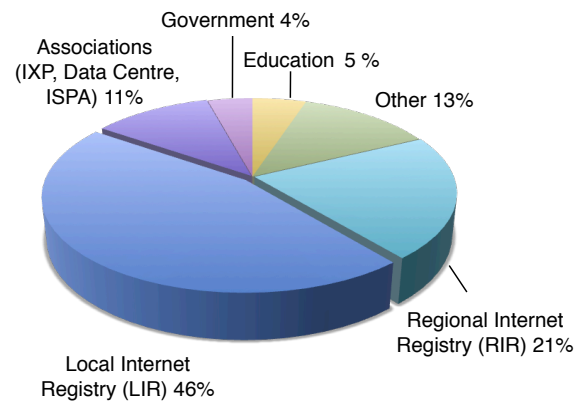
RIPE Meetings

- **Twice a year**
- **Five days long**
- **WG, TF and BOF sessions**
- **Plenary sessions**
- **Other sessions:**
 - Workshops
 - Tutorials
 - RIPE NCC Training

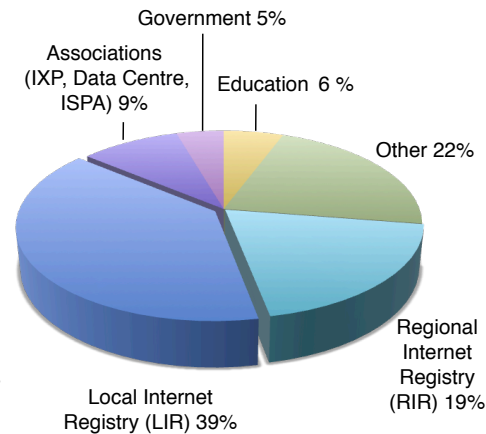
✓ **OPEN - OPEN - OPEN - OPEN**

RIPE Meeting Attendance per Organisational Category

RIPE 59, Lisbon, PT



RIPE 60, Prague, CZ





RIPE Working Groups (1)

- **Address Policy Working Group:**
Develops policies relating to the management and registration of Internet addresses and routing identifiers (IPv4, IPv6 and Autonomous System (AS) Numbers).
- **Anti-Abuse Working Group:**
Fighting the problem of network abuse.
- **Cooperation Working Group:**
Focusing on cooperation between the private and public sectors on Internet matters.
- **Database Working Group:**
Discussion about the RIPE Database.
- **DNS Working Group:**
Discussion on current DNS related issues in technology and operations.

RIPE Working Groups (2)

- **ENUM Working Group:**

The ENUM Working Group discusses developments relating to Internet resource mapping using E.164 telephone numbers as identifiers, commonly known as ENUM.

- **European Internet Exchange (EIX) Working Group:**

European Internet Exchanges technical issues.

- **IPv6 Working Group:**

Following the progress of specification and implementation of IPv6.

- **RIPE NCC Services Working Group:**

Discussion about new and existing RIPE NCC services and evaluating the RIPE NCC's yearly Activity Plan.



RIPE Working Groups (3)

- **Routing Working Group:**

Discussion and information exchange about Routing Registries.

- **Test-Traffic Working Group:**

Following the progress of the RIPE NCC Test Traffic Measurement (TTM)

Service and discussion of data and methods of collection.

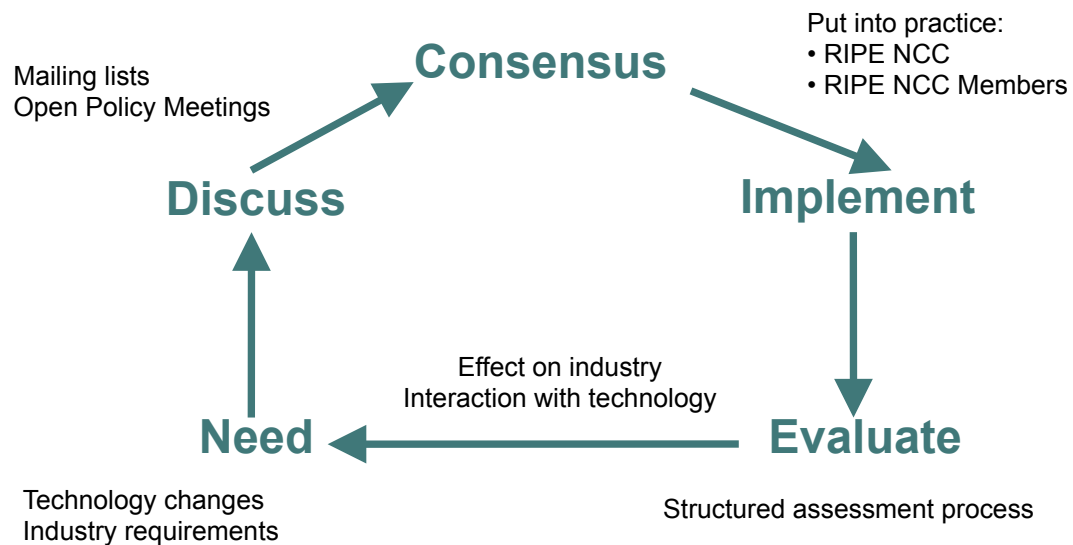
How to take part:

- Subscribe to mailing lists
- Participate in RIPE Meetings

✓ **OPEN - OPEN - OPEN - OPEN**

- **Open**
 - **Anyone can participate:**
 - Including Governments
 - Policy fora
 - Mailing lists
- **Transparent**
 - Mailing list archives
 - Minutes:
 - Policy fora
 - RIR Executive Boards
- **Developed Bottom-Up**
 - Internet community
 - Technology changes
 - Internet Engineering Task Force (IETF)
- **Documented**
 - Formal policy documents
 - Implementation procedures

Policy Development Process



Conservation

- Efficient use of resources
- Allocation based on need

Aggregation

- Limit routing table growth
- Support provider-based routing policies

Registration

- Ensure uniqueness
- Troubleshooting

More Information

- **RIPE Document Store:**
<http://www.ripe.net/ripe/docs/index.html>
- **RIPE Meetings (including minutes and webcasts):**
<http://www.ripe.net/ripe/meetings/index.html>
- **RIPE Mailing Lists/Mailing List archives:**
<http://www.ripe.net/ripe/maillists/index.html>
- **RIPE Working Groups:**
<http://www.ripe.net/ripe/wg/index.html>
- **RIPE Policy Development:**
<http://www.ripe.net/ripe/policies/index.html>

Questions?

