

RIPE



# Introduction to RIPE

---

Rob Blokzijl  
RIPE Chairman

[K13@NIKHEF.nl](mailto:K13@NIKHEF.nl)



# RIPE

---

- History
- Terms of Reference
- About RIPE
- RIPE Working Groups
- RIPE Meetings and RIPE Day
- Policy Development Process
- More Information



# 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](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 and RIPE Days
  - 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** (BoF) meetings



# RIPE Meetings

---

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

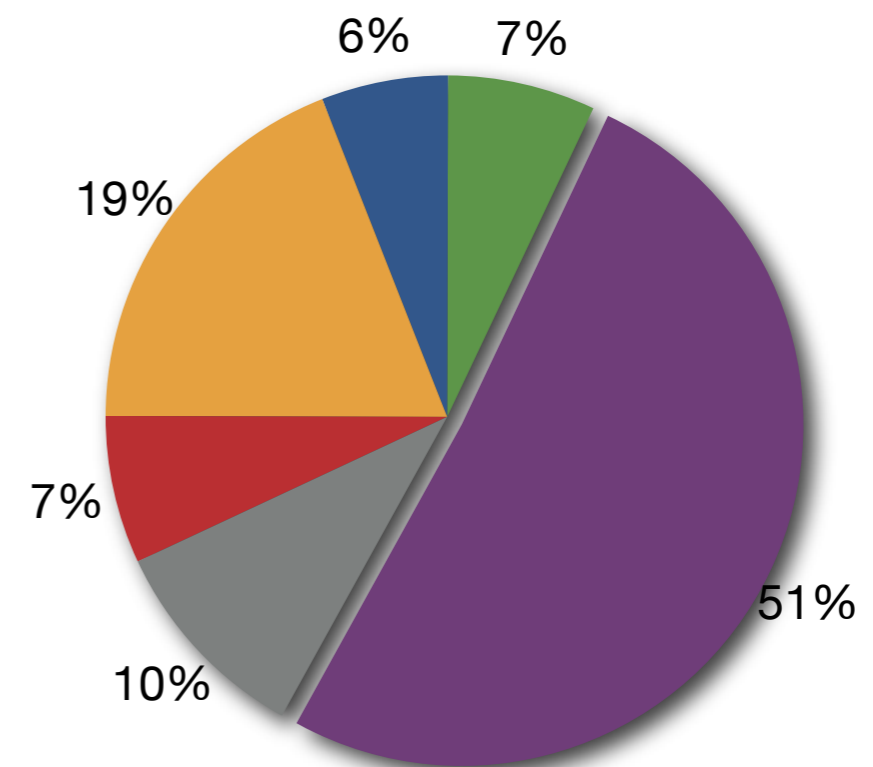
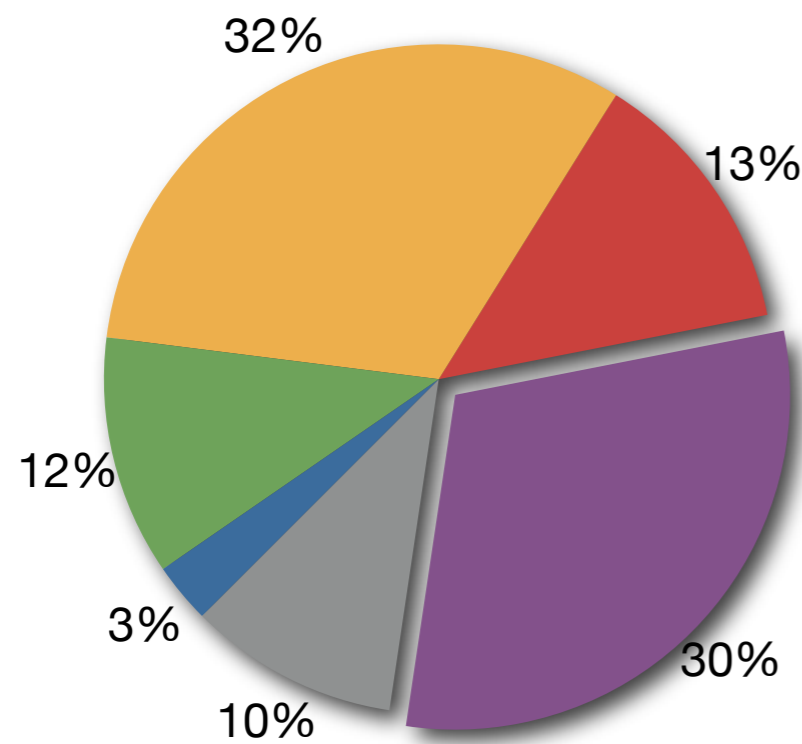
✓ OPEN - OPEN - OPEN - OPEN



# RIPE Meeting Attendance per Organisational Category

## RIPE 61, Rome IT

## RIPE 62, Amsterdam, NL



- Local Internet Registry
- Association (IXP, Data Centre)
- Regional Internet Registry (RIR)
- Other
- Government
- Education





# RIPE Working Groups (1)

---

- Address Policy Working Group
- Anti-Abuse Working Group
- Cooperation Working Group
- Database Working Group
- DNS Working Group
- ENUM Working Group
- European Internet Exchange (EIX) Working Group

Continued...



# RIPE Working Groups (2)

---

- IPv6 Working Group
- RIPE NCC Services Working Group
- Routing Working Group
- Measurement, Analysis and Tools (MAT) Working Group

## How to take part:

- **Subscribe to mailing lists**
- **Participate in RIPE Meetings and RIPE Days**

**✓OPEN - OPEN - OPEN - OPEN**



# Policy Development Principles

## 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)

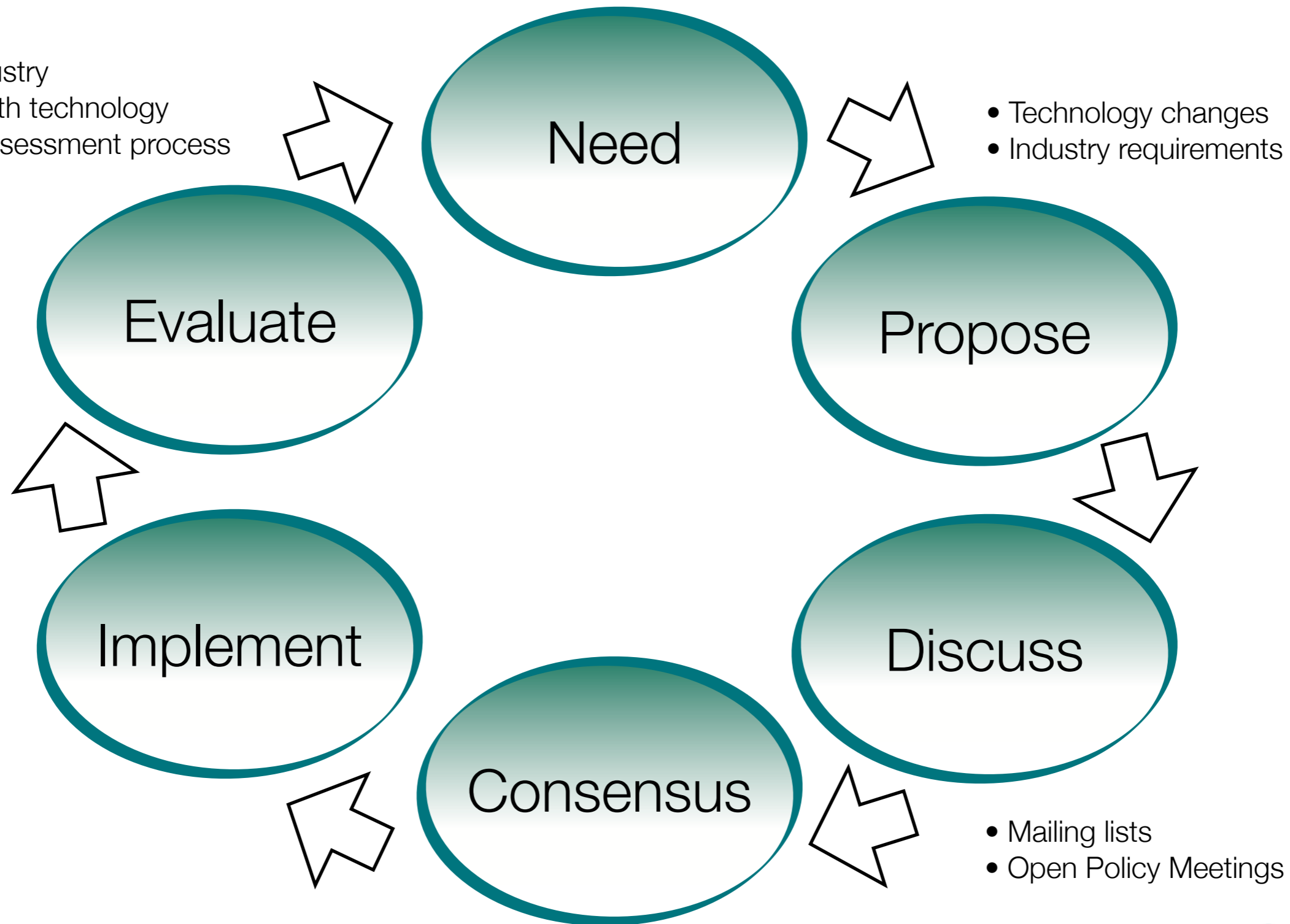
## Documented

- Formal policy documents
- Implementation procedures



# Policy Development Process

- Effect on industry
- Interaction with technology
- Structured assessment process



# 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?

