



IPv6 — Address Distribution and Current Policy Discussions

Leo Vegoda

Registration Services Manager



Overview

- Address Distribution
 - Global
 - Regional
 - Local (Eastern Region)
- Policy
 - Current Status
 - Discussion Points

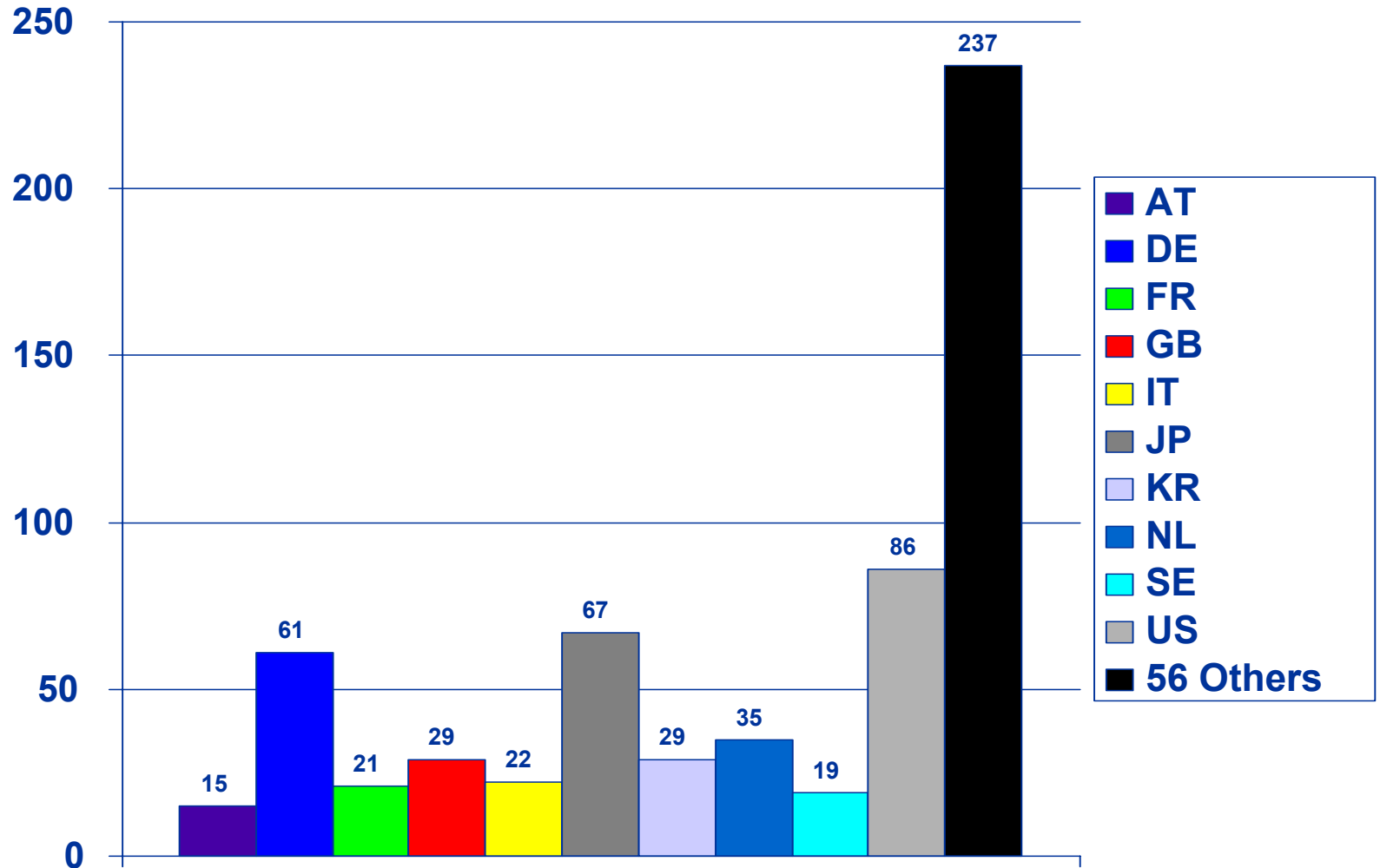


IPv6 Address Distribution — Global, Regional and more specific



IPv6 Allocations per Country

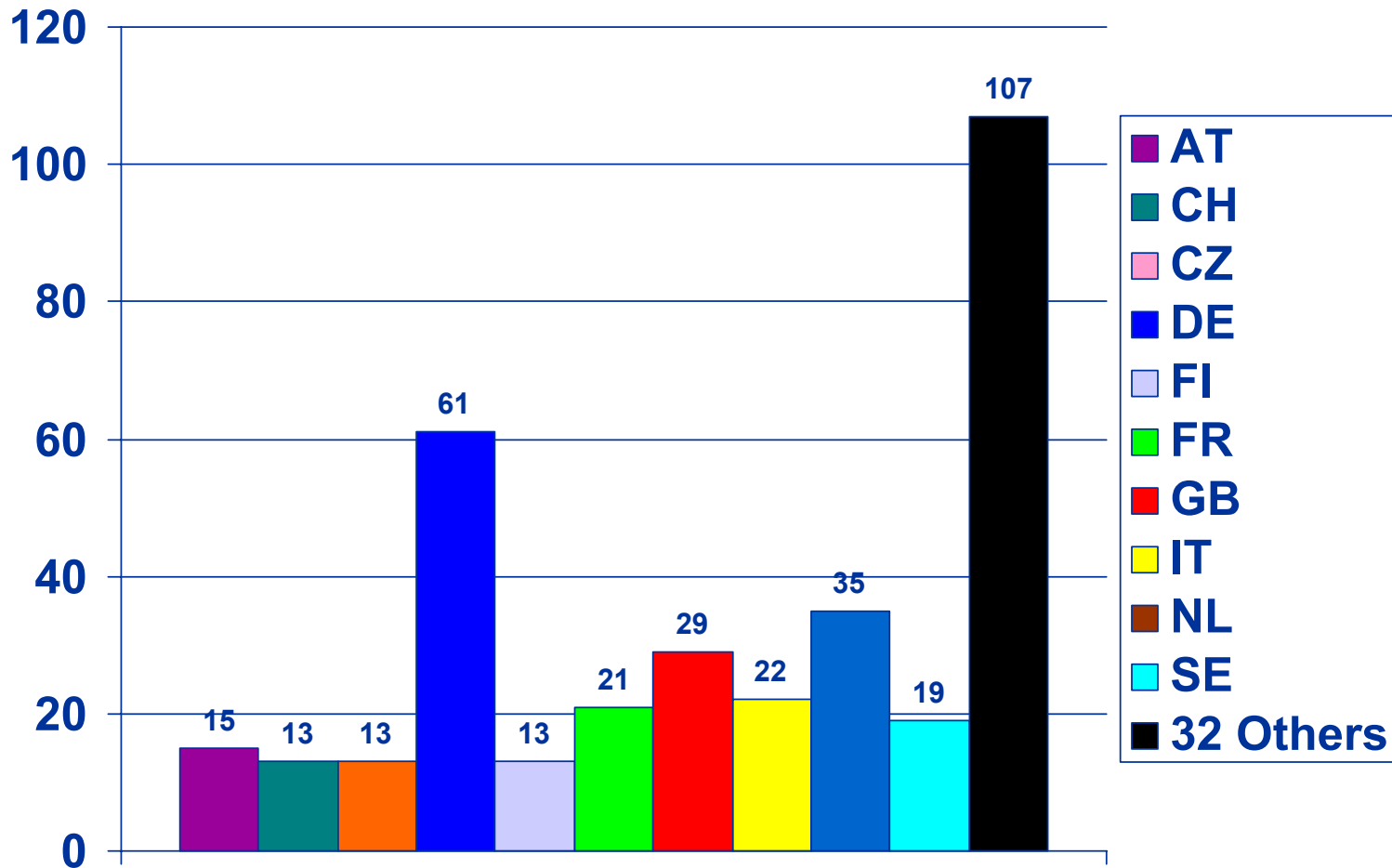
Global Top 10





IPv6 Allocations per Country

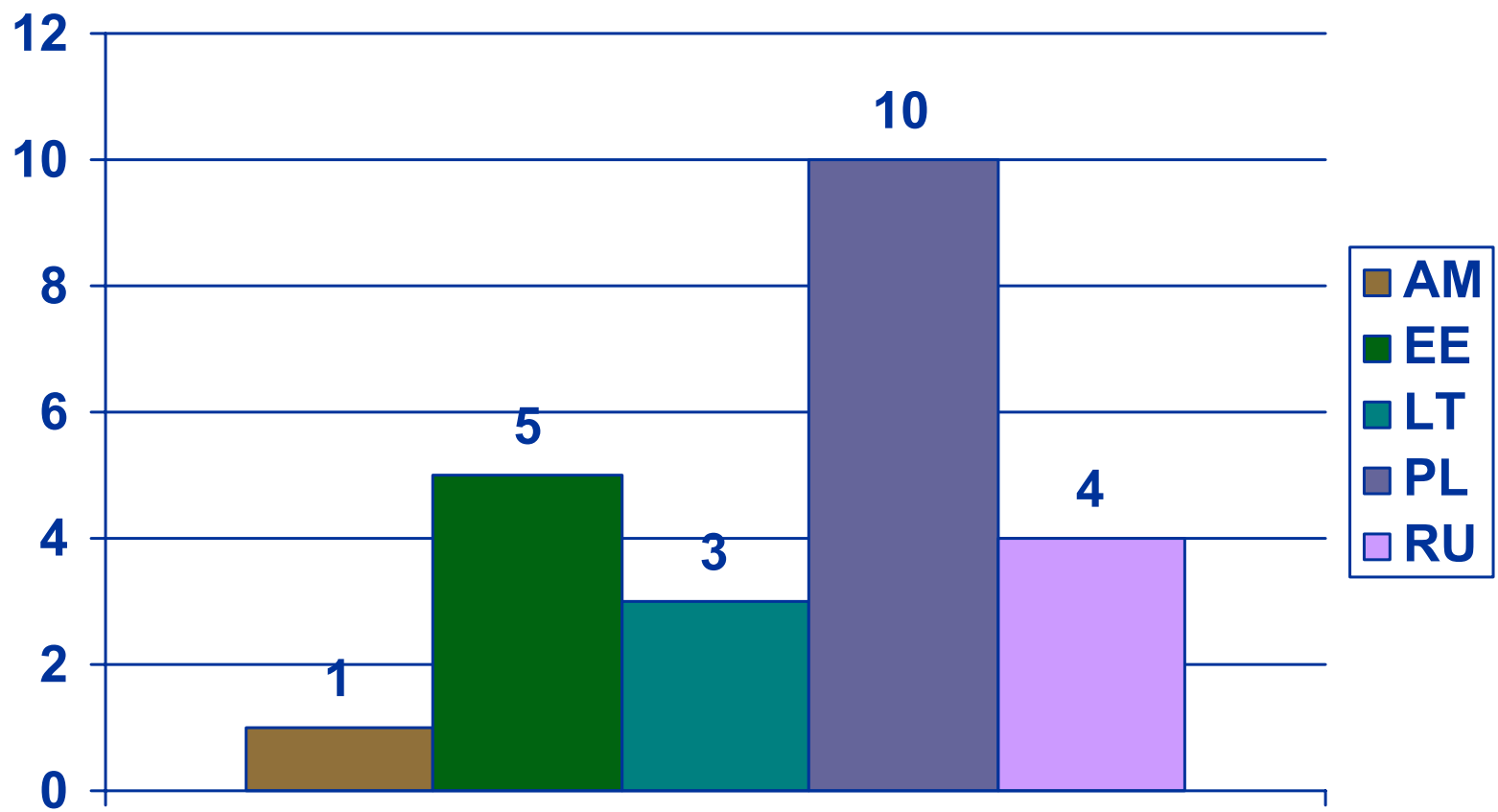
RIPE Region Top 10





IPv6 Allocations per Country

Eastern Region Top 10





Current Policy Discussions



Current Situation

- Common policy agreed May 2002
 - Regional variations
- Policy changes under discussion
 - RIPE Region policy list
address-policy-wg@ripe.net
 - Global IPv6 policy discussion list
global-v6@lists.apnic.net



Allocation Principles

- Conservation
 - Less important than with IPv4
- Aggregation
 - Routing table size
- Registration
 - Uniqueness important
 - Responsibility for network operations
 - Privacy concerns
- Address space not considered property

Policy (1)

- Text to be improved
 - RIPE NCC updating text
 - Community to clarify meaning
- Qualifying Criteria
 - Plans for 200 /48 assignments?
 - Routing the allocation as a single prefix

Policy (2)

- Do /48 assignments have to be registered in Whois?
 - “...a database, accessible by RIRs...”
 - Privacy considerations
- Allocation size
 - When reasonably justified

Questions & Answers

