



2007-01: The Home Stretch

Andrea Cima Registration Services

Policy Background (1)

"The intention of this policy document is to ensure that the RIPE NCC (...) can confirm that the End User exists, continues to exist and that they continue to fulfil their obligations to comply with the original assignment conditions."



Policy Background (2)

"The policies described (...) apply both to new provider independent number resources assigned by the RIPE NCC and also to all provider independent number resources previously assigned by the RIPE NCC or by a RIPE NCC Local Internet Registry."



Policy Intent

- Maintain an accurate and current registry
 - Ensure contact remains between RIPE NCC and the resource holder when they change sponsoring LIRs
 - Yearly contact through fee administration
 - Deregister abandoned resources
- Protect resources from hijacking

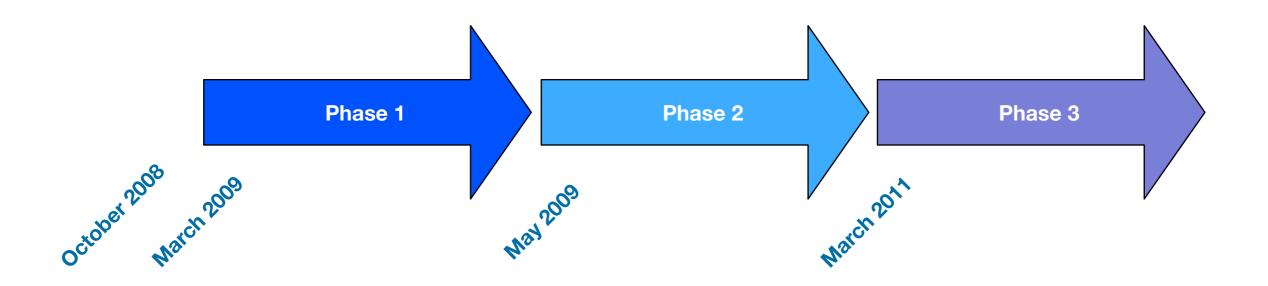


How Did It Look In 2009?

- 34,000 Internet number resources without a contract in place:
 - Issued over a period of 17 years
 - Organisations in 74 countries
 - Documentation and contracts in many different languages
 - Many End User organisations did not know about RIPE or the RIPE NCC



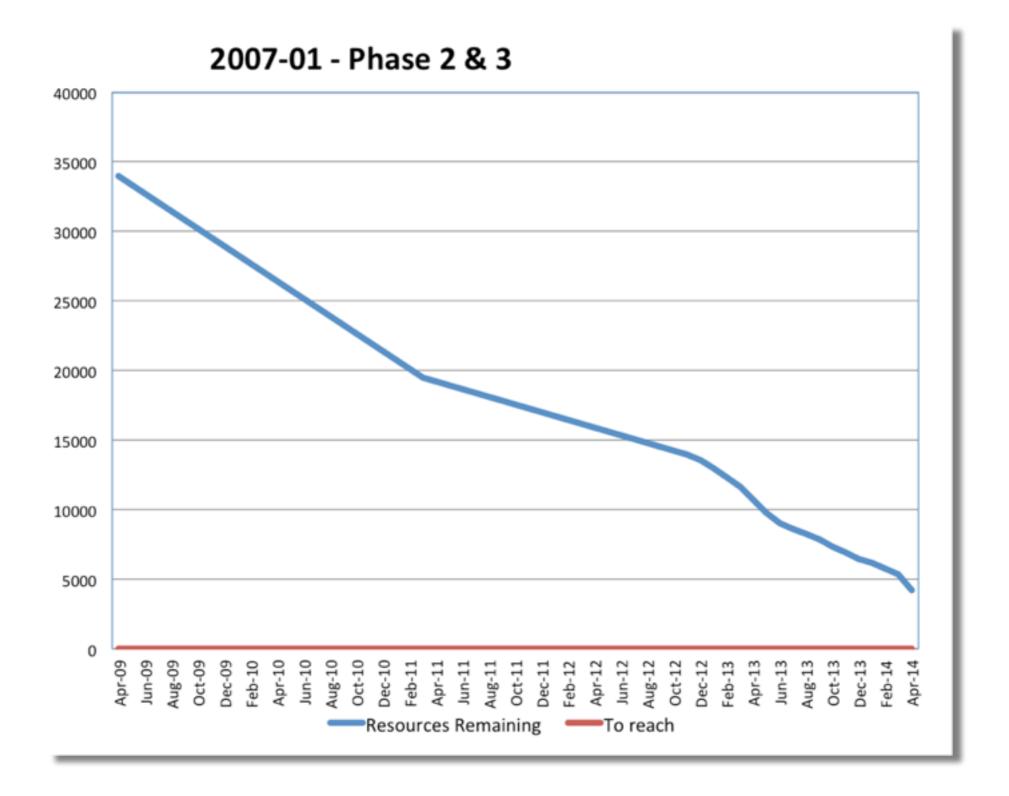
A Phased Approach



- Phase 1: contract for new independent resource assignments
- Phase 2: contact independent resource holders via LIRs (±27K)
- Phase 3: contact End Users holding independent resources directly (±13K + ±7K)



Phase 2 & 3



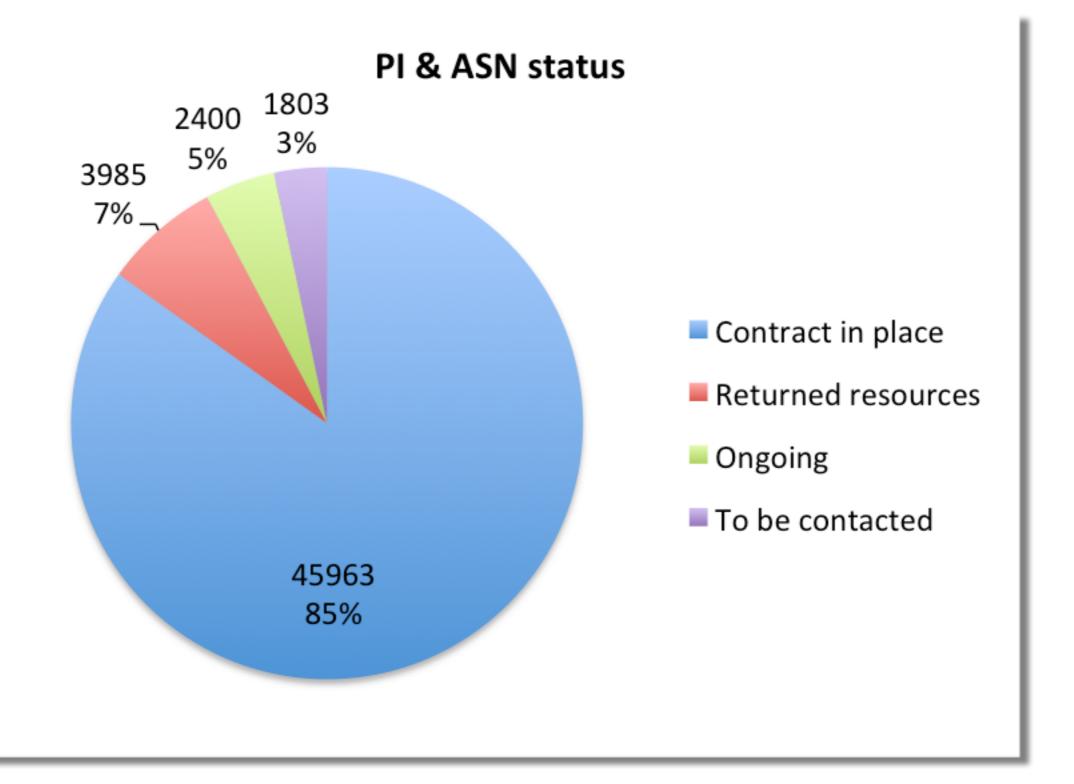


Phase 2 & 3

- Linear progress
 - Except when preparing for IPv4 exhaustion
- Executing project with minimal impact on staff
 - Control additional financial burden
 - Additional staff not needed after project end
 - Long and complex processes and community understanding require extensive training



Where We Stand Today



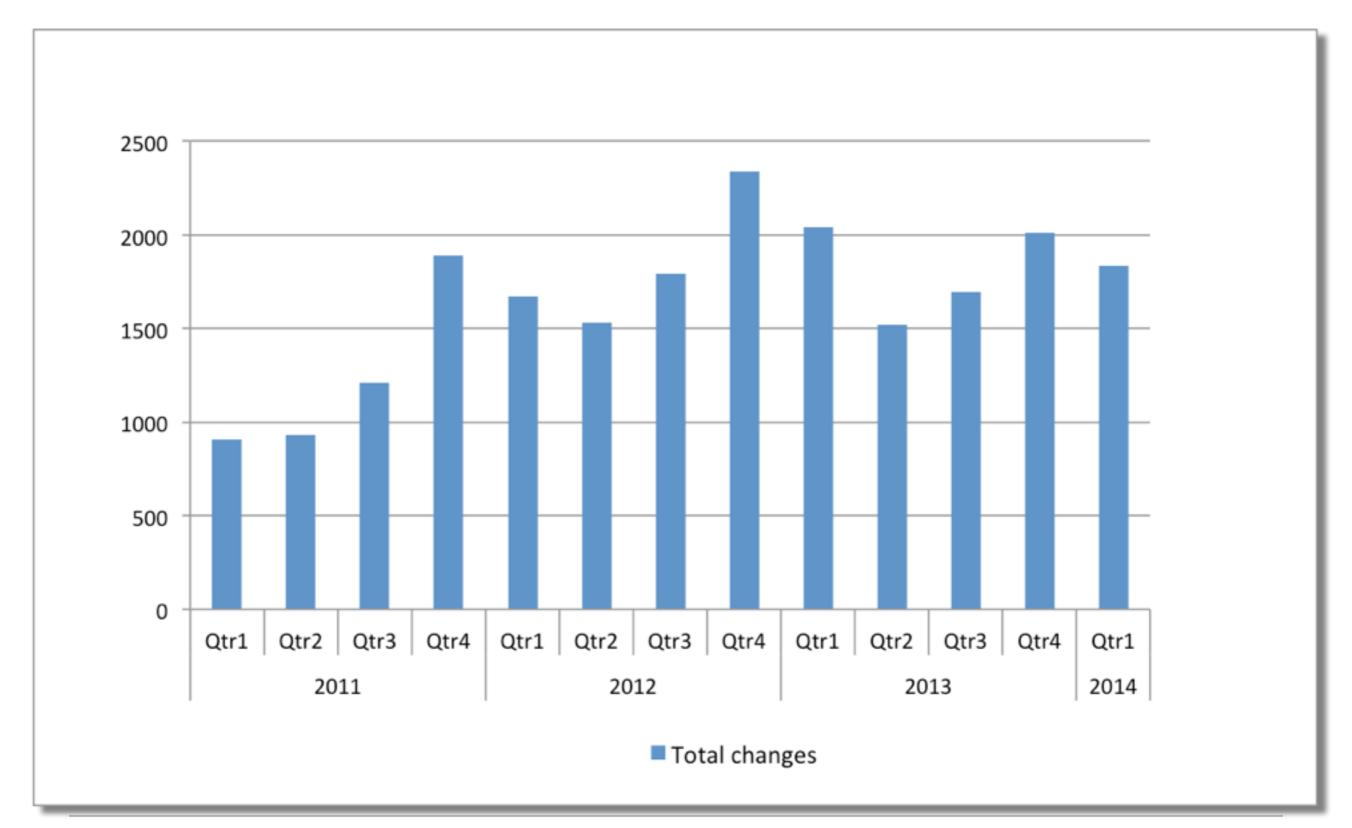


Phase 3 Experiences

- "You are who? What? Policy? What policy?"
 - Contacting organisations that often don't know who we are
- Difficult to get in contact with the right person in an organisation
- Only a handful of escalated complaints:)
- Increase in "maintenance" work related to contracts



Independent Resource Maintenance





The Last Thousand...

"(...) the RIPE NCC will make <u>reasonable</u> attempts to contact these End Users (...) in order to ensure that this contractual link is put in place (...)"

- The last 1,000 resources are not visible in the routing tables and completely lack contact detail
- In the hope to find contact details we search
 - Our ticket database
 - The internet (company website, check if still existing) in the hope to find a contact
- Should we make further attempts?



Conclusions

- Increased quality of the RIPE Registry
- Deregistered abandoned resources, to be re-issued
- Prevented hijackings
- Maintaining yearly contact with holders of independent resources



Questions?



