

# IPv6 at the European Registry for Internet Domain Names

Peter Janssen  
Technical Manager  
EURid vzw/asbl

European IPv6 Day  
30/05/2008

# Who is EURid?

- Not for profit organisation  
Established under Belgian Law(2003)
- Under contract with the EC
- Established by DNS BE, IIT CNR and NIC SE, operators of country-code tope level domain registries for Belgium (.be), Italy (.it) and Sweden (.se)
- Responsible for the administration, management and operation of the .eu domain name space.



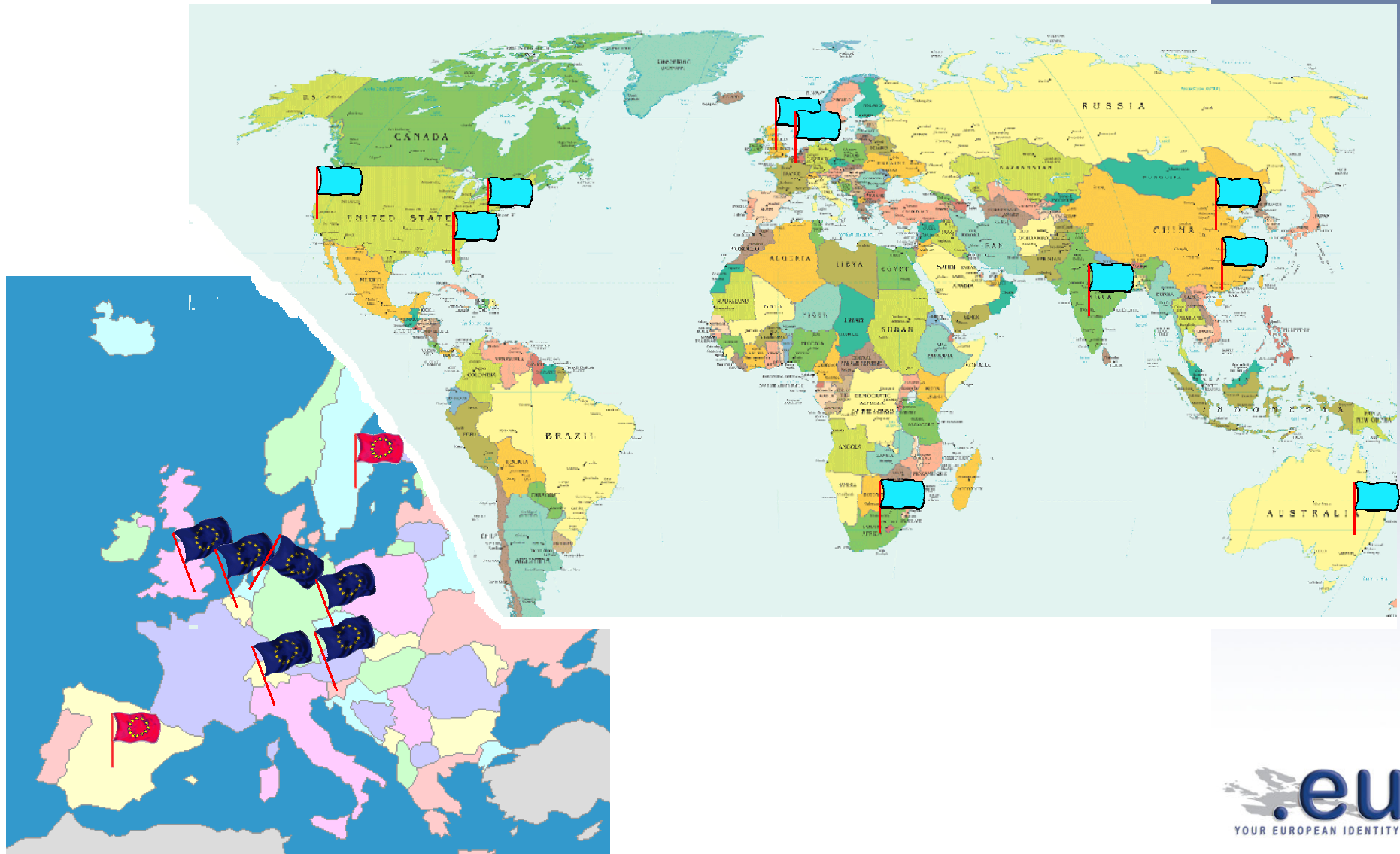
[www.europa.eu](http://www.europa.eu)



[info@eurid.eu](mailto:info@eurid.eu)



# DNS Services (Operations)



## DNS Services (Operations)

- February 2008
  - 6 of 13 root servers -> IPv6
- April 2008
  - 2 of 9 .eu nameservers -> IPv6
- Coming months
  - extra 2 .eu nameservers -> IPv6

# Registration System

- Enabling management of domain names
  - Registrars
  - EURid staff
  - Domain name holders
- Servers (reachable from the Internet)
  - websites
  - emailservers
  - whois, das
  - EPP server
- Main site @ Brussels, Belgium
- Mirror site @ Prague, Czech Republic

# Registration System

- Inventory/research phase :
  - Equipment to replace/extend
    - routers, firewalls, switches, ...
  - Software/system impact
    - OS, registration system
  - Stable IPv6 transit from multiple providers
    - Multi homing?

## Conclusion

EURids goal :  
Enable native IPv6  
experience in every  
aspect of the .eu  
domain name space  
before end of 2008.

^^ Thank you ^^