

DNSSEC status

16 March 2011, San Francisco,
ccNSO meeting, ICANN

Short history of DNSSEC

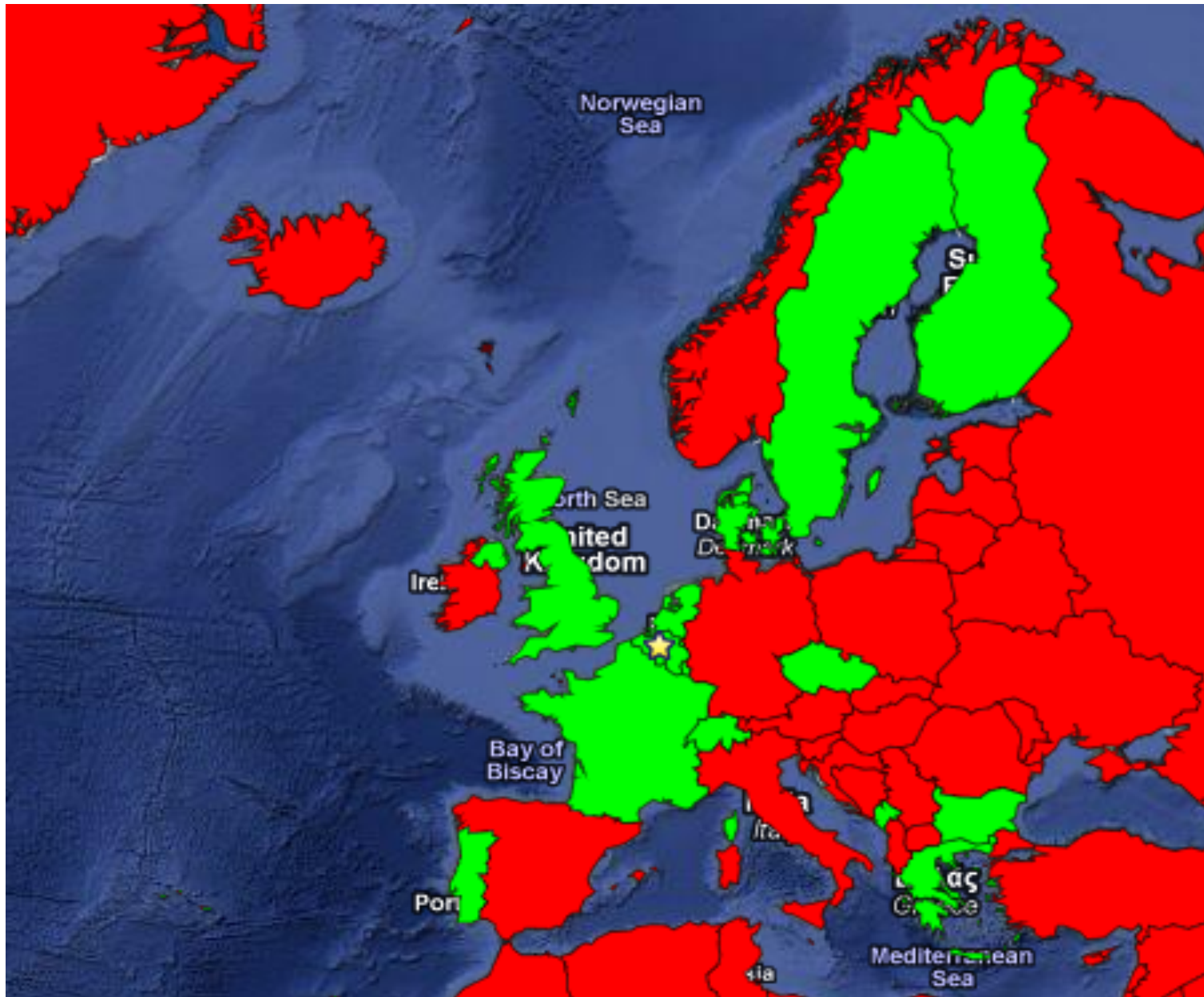
- 2005 – first TLD signed - .se
- 2006 - .pr
- 2007 - .bg, .br
- 2008 - .cz, .museum
- 2009 - .gov, .th, .org, .na, .ch/.li, .nu, .lk, .tm
- 2010 - .pt, .uk (not co.uk), .eu
- 2010 Jul 15 – root zone signed
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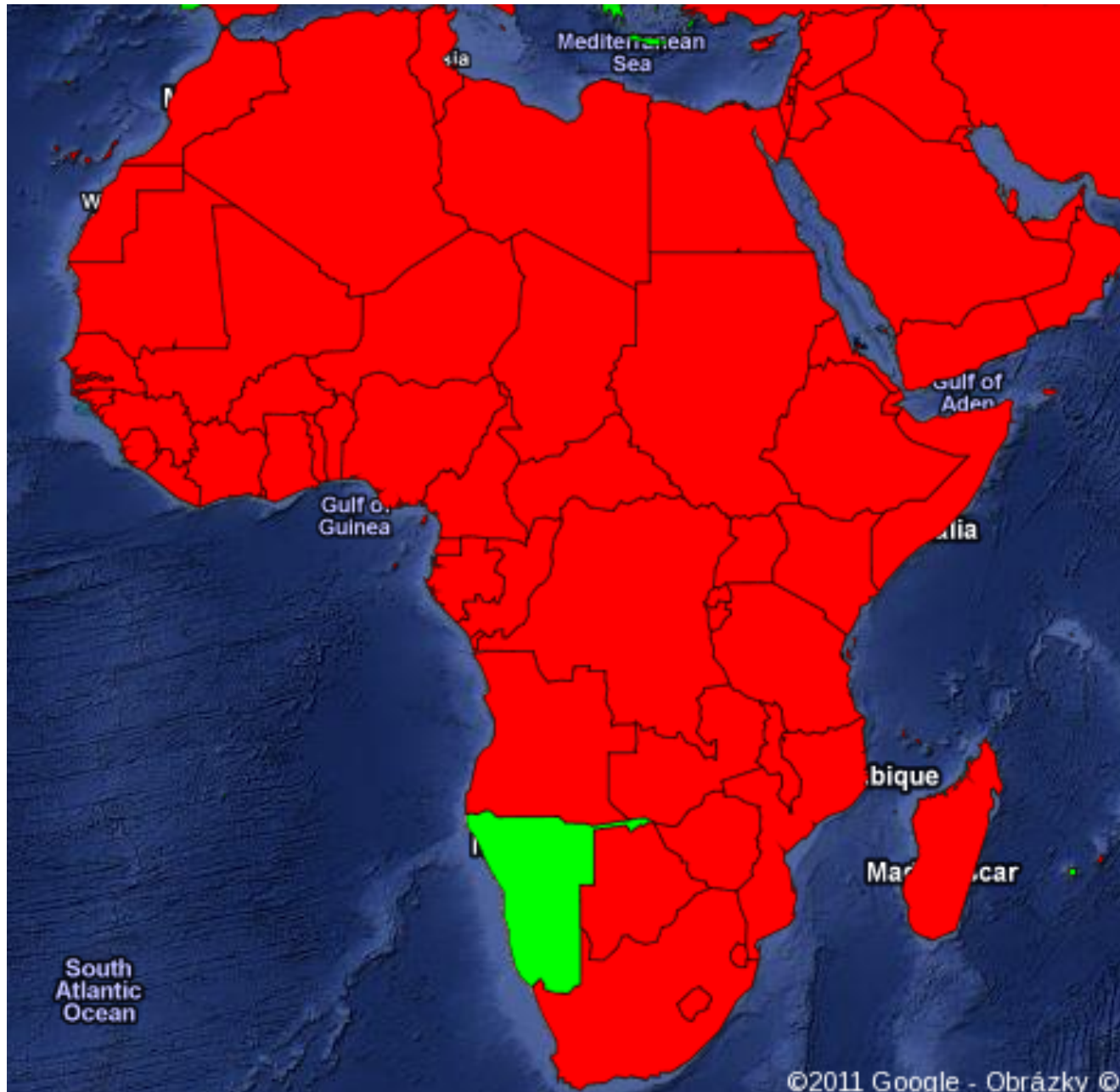
Deployment levels vary

- Status unknown (red)
- TLD zone signed (yellow)
- DS records put into root zone (green)
- Registry accepts DS records for friends and family – testing
- Registry accepts all DS records – full deployment

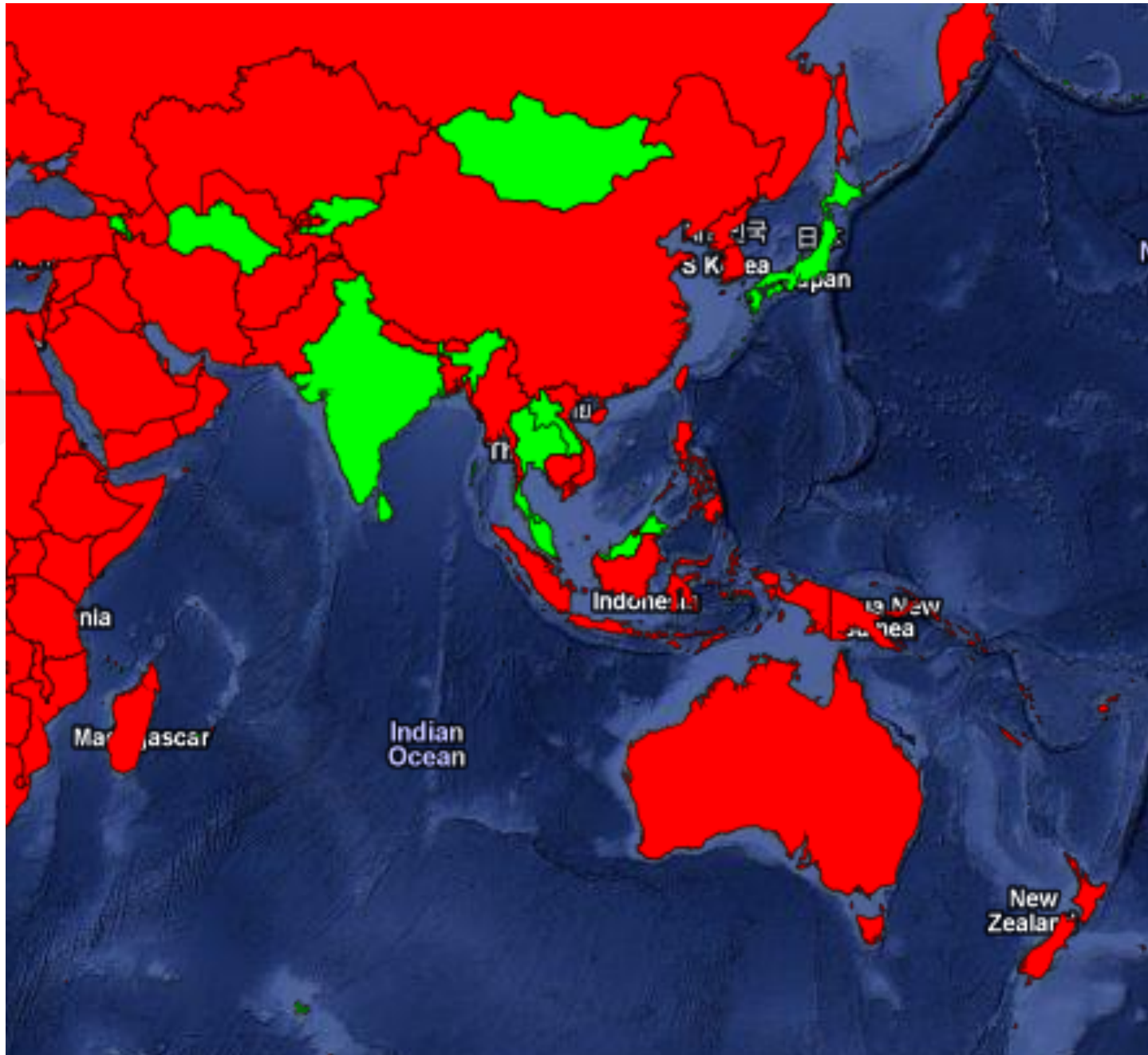
Status – ccTLD - Europe



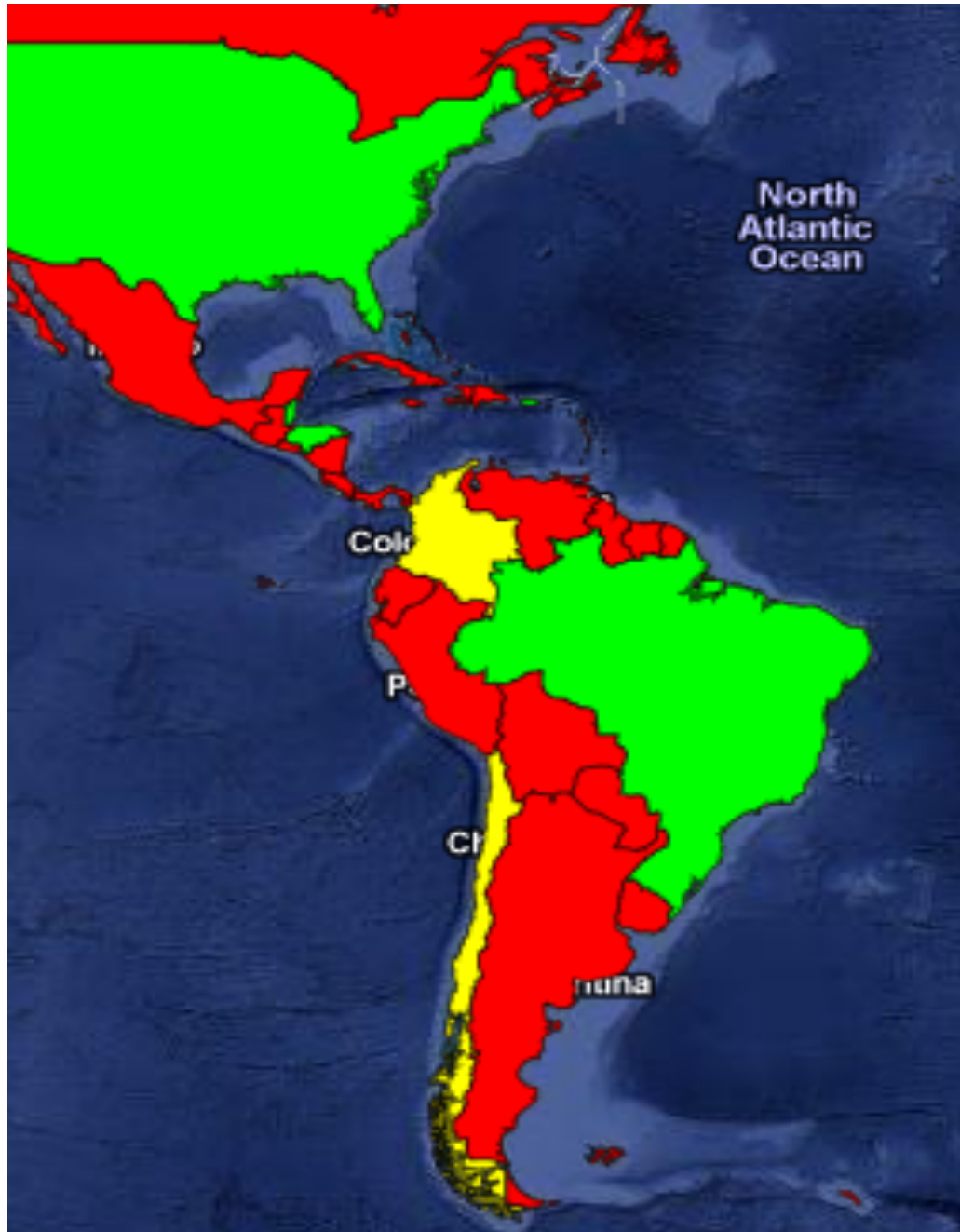
Status – ccTLD - Africa



Status – ccTLD – Asia-Pacific



Status – ccTLD – Americas



Current status - gTLD

- Signed gTLDs:
 - .arpa
 - .biz
 - .edu
 - .gov
 - .info
 - .museum
 - .net
 - .org
- .com signed but not in root zone

Penetration

- Low percentage of penetration in majority of signed domains
- One exception – cz. - 15%
(118.000 of 781.000)
- Number are increasing