



DNSSEC IMPLEMENTATION

ICANN meeting no. 38 | Brussels - 24th of June 2010

Julien Adam

About AFNIC

- **AFNIC is a non for profit Association created in December 1997**
- **56 employees**
- **AFNIC manage the following cctlds**
 - .fr* - France
 - .re* - Reunion Island
 - .pm* - Saint-Pierre and Miquelon
 - .tf* - French Southern Territories
 - .wf* - Wallis and Futuna Islands
 - .yt* - Mayotte

DNSSEC @ Afnic

2003

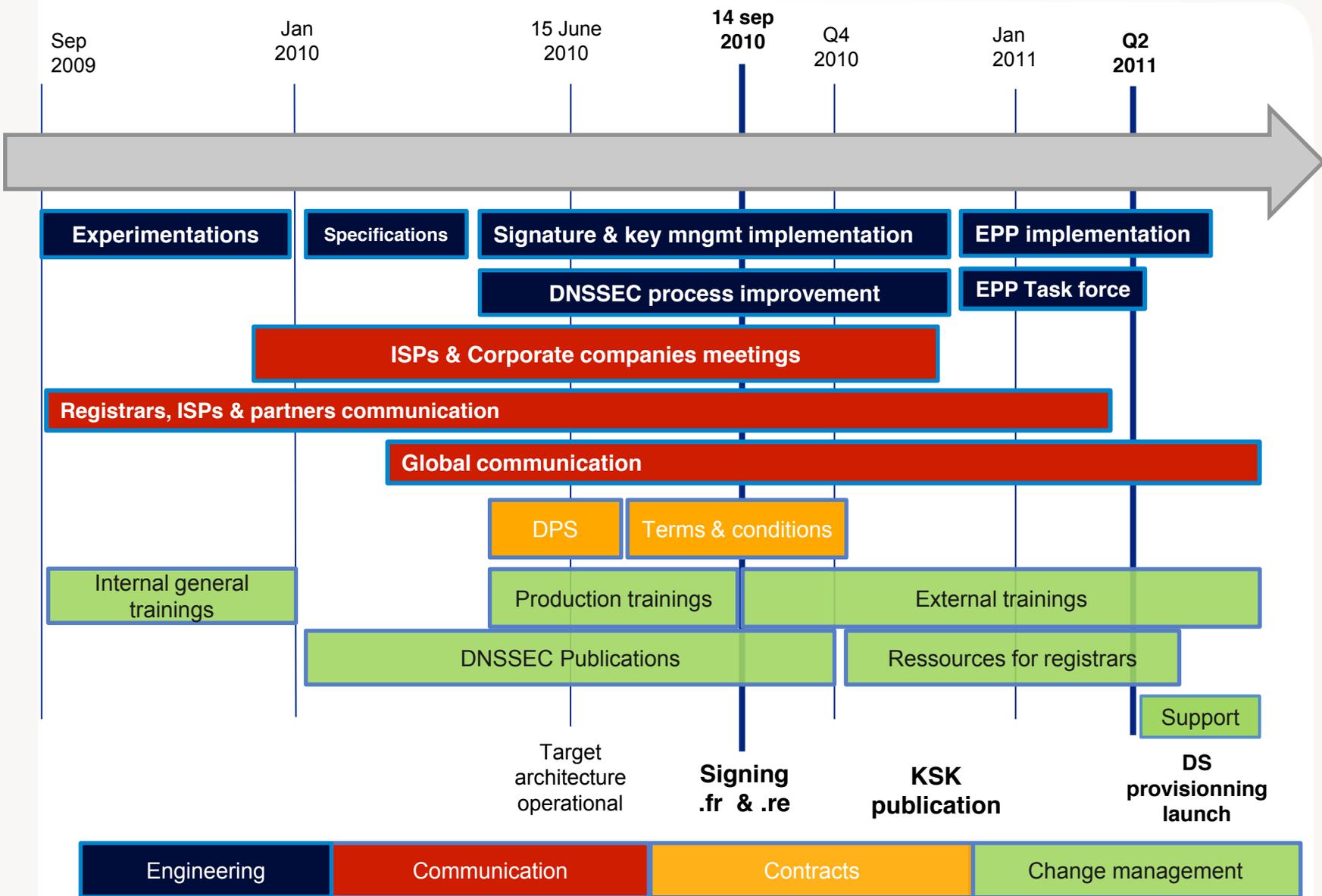
IDSA project

2008 - 2009

DNSSEC working group

2009

September, DNSSEC project launched



Project Goals

Security & reliability for AFNIC Tlds

Implement up to date solutions

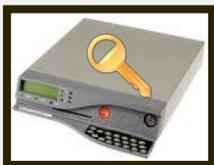
Apply and share best practices

DMZ

Private Network

Physical security area

HSM(s) *FIPS 140-2 level 4*



Open-dnssec

Zone auditor



IS

Publishers



Registry DB

Private Masters

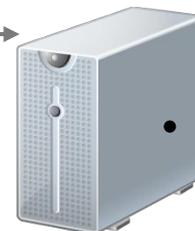


IXFR / AXFR

Public Masters



Slaves (anycasted)



- BIND
- NSD

PKCS#11



Zone file transfer



For .fr registrars

EPP + DNSSEC task force (testbeds)

December 2010 to Q2 2011

Let's talk about RFC 5910 implementation!

Email us

tech.dnssec@afnic.fr

Follow us

<http://www.afnic.fr/dnssec>

<http://twitter.com/AFNIC>

Merci
