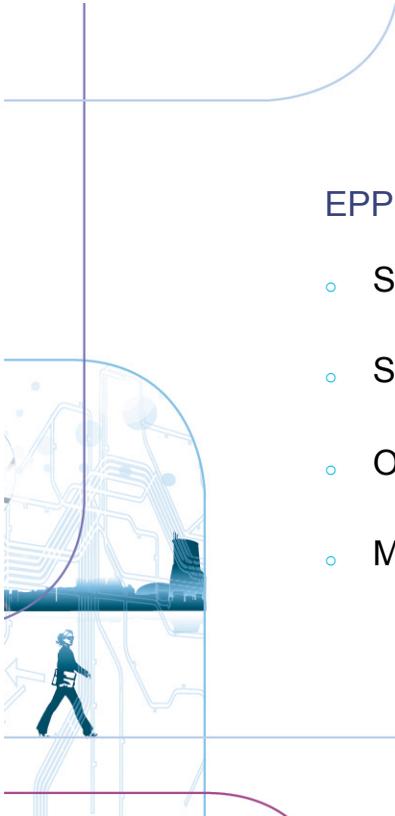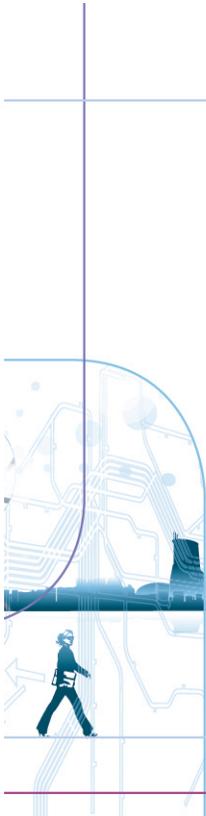# SIDN

- Introduction of EPP
- DNSSEC

EPP and SIDN

- SIDN is among the last large registries to switch to EPP.

- Switch will take place on march 17th.

- Over 1900 registrars will make the transition.

- Major factor in registrar satisfaction.

Approach

- Meeting the needs of our registrars is a major goal of the project.
- SIDN intends to stay close to the standard.
- All main processes become paperless
- Interface and processes will be changed at the same time (Big Bang scenario).
- Registrars involved in testing process.
- Very extensive registrar communication (events, mailings, oubound calling, etc..)
- Active search for open source client apps.

SIDN
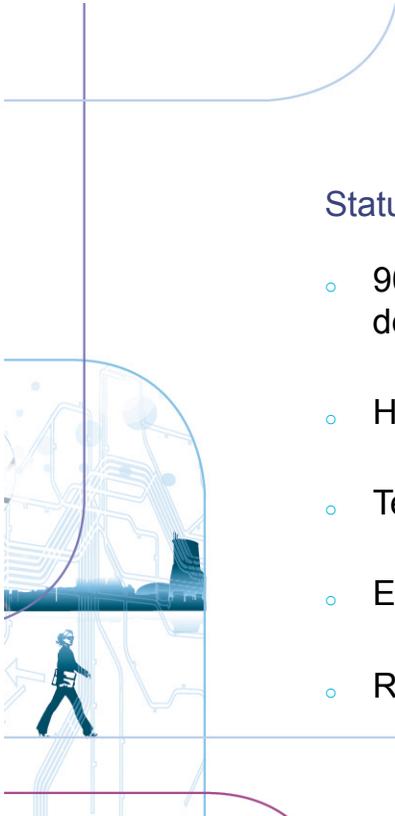
Status so far

- 90% of registrars was already aware of releasedate in december.

- High ratings for registrar communication.

- Testing registrars gave thumbs up for release.

- Excellent results in load- and performancetests.

- Registrars have found integration very easy.

DNSSEC implementation & adoption

- SIDN will sign .nl zone one month after root zone is being signed
- SIDN will open "friends and family" phase shortly thereafter
  - Limited number of domains
- SIDN will work with LIC on (large scale) adoption of DNSSEC
  - Consultation with LIC through DNSSEC.nl Platform (http://www.dnssec.nl/home-en/)
  - Research on adoption issues (eg. TNO and Surfnet)

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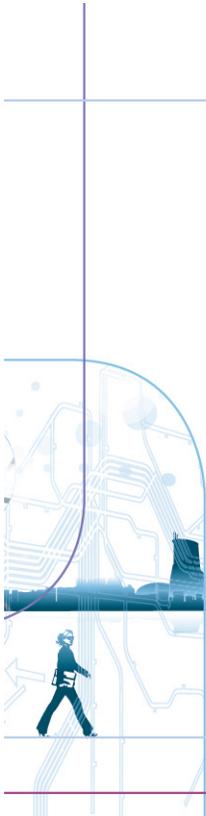
DNSSEC issues

- Need for opensource DNSSEC signer and key management software
  - SIDN participates in OpenDNSSEC development
- Operational issues
  - Careful approach.
  - Secure transfers of DNSSEC domains
  - Key rollovers
- Role of the registry in adoption of DNSSEC
  - Passive: just enabling DNSSEC → safe but really effective?
  - Active: stimulate DNSSEC adoption and offer tools and knowledge to registrars, registrants and ISP's

SIDN