The Dutch National SDI

Pieter Meijer
Programmamanager PDOK
PDOK, a brief history

- 2008: a number of Dutch Ministries and the Dutch Cadastre started to construct an infrastructure to disseminate geo-data
- This infrastructure is based on OGC-web services
- The initiative was co-funded by a programme to improve the Dutch National government
- 2011: start of the production phase
- 2012: PDOK will be finalized
- April 2012: about 30 datasets available within the PDOK-infrastructure and over 190 registered users (government organisations)
PDOK, main objectives

- The ministries involved strive to gain efficiency by using PDOK in their work-processes
- PDOK is used to distribute geo-base data to all government organisations within The Netherlands
- PDOK is the infrastructure to distribute the “basisregistraties” key geo-data for government use
- PDOK is used to implement the INSPIRE-guidelines
- The NGR, the national geo-data catalogue is part of PDOK
- NGR serves as the Dutch INSPIRE hub
- PDOK serves as government hub to distribute open geo-data
PDOK - Reference Model

- Applications
- Services
- Storage
- Conversion

Dutch GeoData Sets
PDOK - Main FOSS Components/Standards

Applications
- OpenLayers™
- GeoExt

Services
- GeoServer
- GeoWebCache
- GeoNetwork

Storage
- PostGIS
- GeoMoDS

Conversion
- GDAL

OGC/ISO/INSPIRE Web Services

Dutch GeoData Sets
Issues

• How to organize support on Open Source Components in a more traditional IT-organization?
• PDOK is the interface between the government and companies, how to stimulate business and innovation on a level playing field?
• Guidelines, standards and versions move forward, how to implement a release strategy that blends stability and agility?
Questions?

Ir. Pieter Meijer
Programmamanager PDOK
M 06 51397577
E pieter.meijer@rws.nl
@PDOK_online | www.pdok.nl | pdok.pleio.nl