



KLIC towards 2020

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Powered by INSPIRE conference

4th of march 2013

kadaster
feitelijk verrassend

Information exchange, we started early...

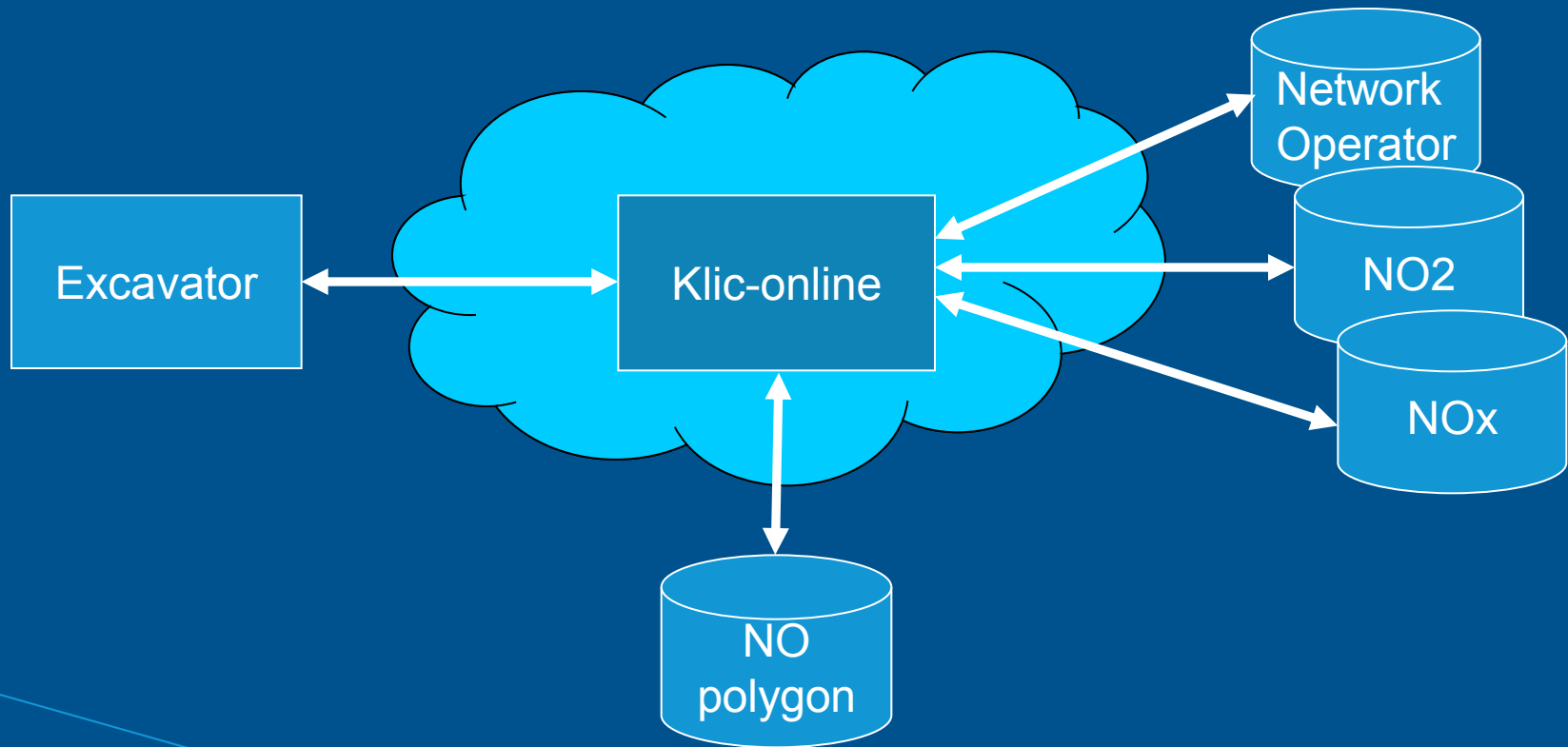


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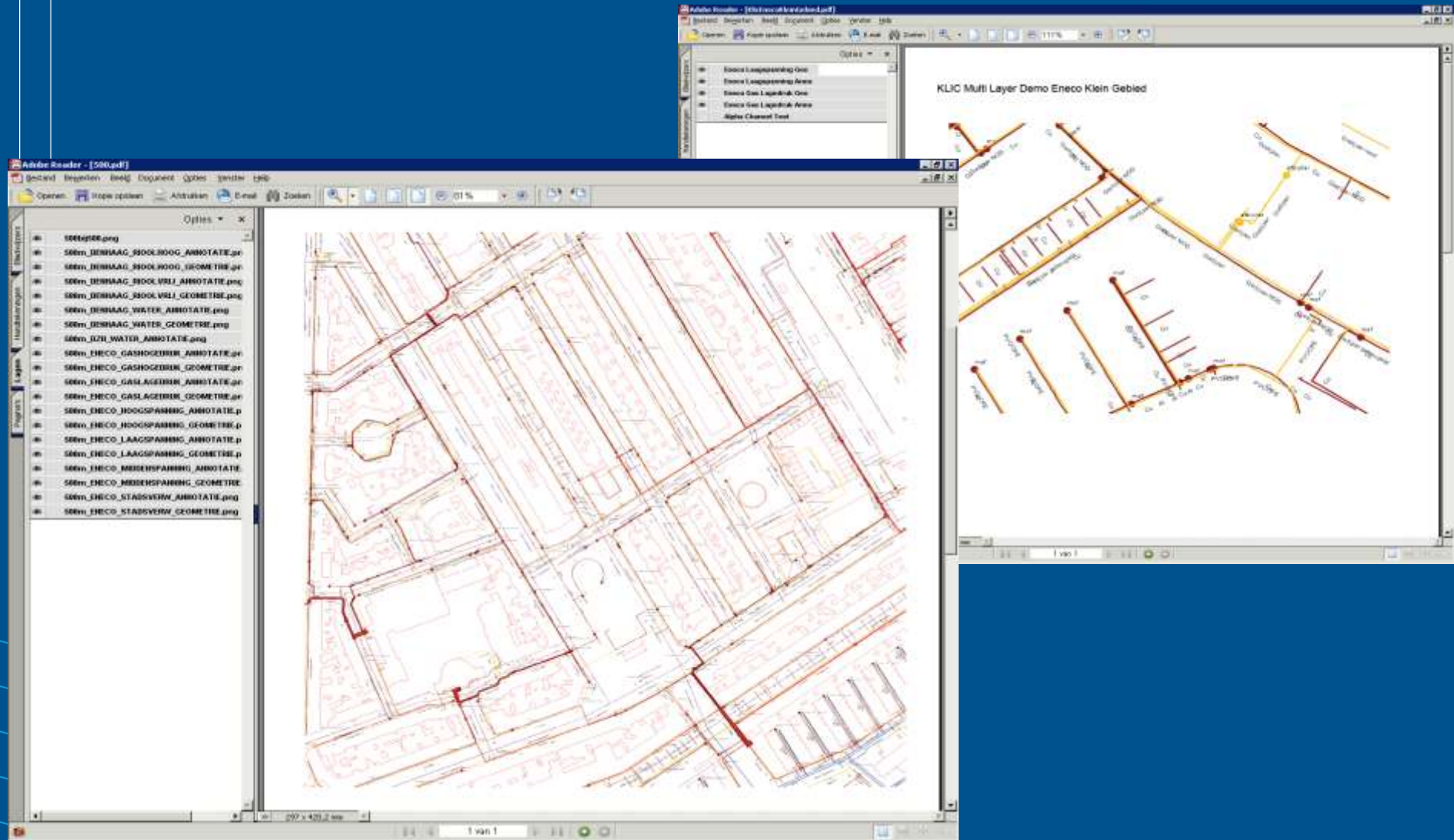
KLIC, a brief history

- Abbreviation for Cables and Pipeline Information Centre
- Goal: to prevent damage due to excavation works
- Started as an initiative of network operators (NO's) 1967
- WION (abbreviation for Act for Information exchange Underground Networks) 2008
- System development and operations by Kadaster-NL
- Klic-online: digital information exchange since 2010

Procedure 2010



Result: multilayer network information



Research long-term vision: KLIC2020



Requirements KLIC2020

- Business requirements
 - Less damage
 - Efficiency gains for excavators and network operators
 - Applicable for more than prevention of excavation damage, e.g. area development, public order and safety, environmental
- Userrequirements
 - Ubiquitous: anytime (24x7), anywhere (mobile), any userplatform
 - Viewservices
 - Downloadservices
 - Combinable with other plans
 - Controled proces (e.g. registered users)
- Quality demands
 - High performance, extreme user friendly
 - Information must be complete, current and correct
 - Safe and secure
 - Legally secured

INSPIRE - look alike, but...

- Requirement for a controlled information proces
 - Open, not public
 - Involved parties must know each other
 - Report of excavations, other use of information is free
 - Restriction of area per request
 - Possibility for audit trail
- Requirement: one single system
 - No separate systems for excavations (WION) and INSPIRE
- User pays for the central service (not for the data)
- In discussion: distributed or central database for network information



Questions?



www.kadaster.nl/klic

- FAQ
- Technical documentation
- IMKL/BMKL (2013)



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