

2nd TISCA-day Introduction

Ton Beenen, RIONED Foundation
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RIONED

- Expertise on urban drainage management in the Netherlands
- Non-profit, private interest group
- public bodies, industry & educational sector
- RIONED commissions research, makes expertise available and provides an information service

urban drainage management in the Netherlands

- € 2 billion/year
 - 100.000 km public sewers
- Challenges
 - Aging infrastructure
 - New requirements
 - Financial and societal restraints
- Solution
 - Predictive, just in time maintenance
 - Technology Innovation for Sewer Condition Assessment

TISCA use cases

- Long-term investments
 - Technical lifespan expectancy?
 - Cohort modelling
- Operational requirements
 - Actual strength / capacity?
 - Physical condition
- High risk spots
 - spatial distribution of failure likelihood
 - severity of failure consequences

