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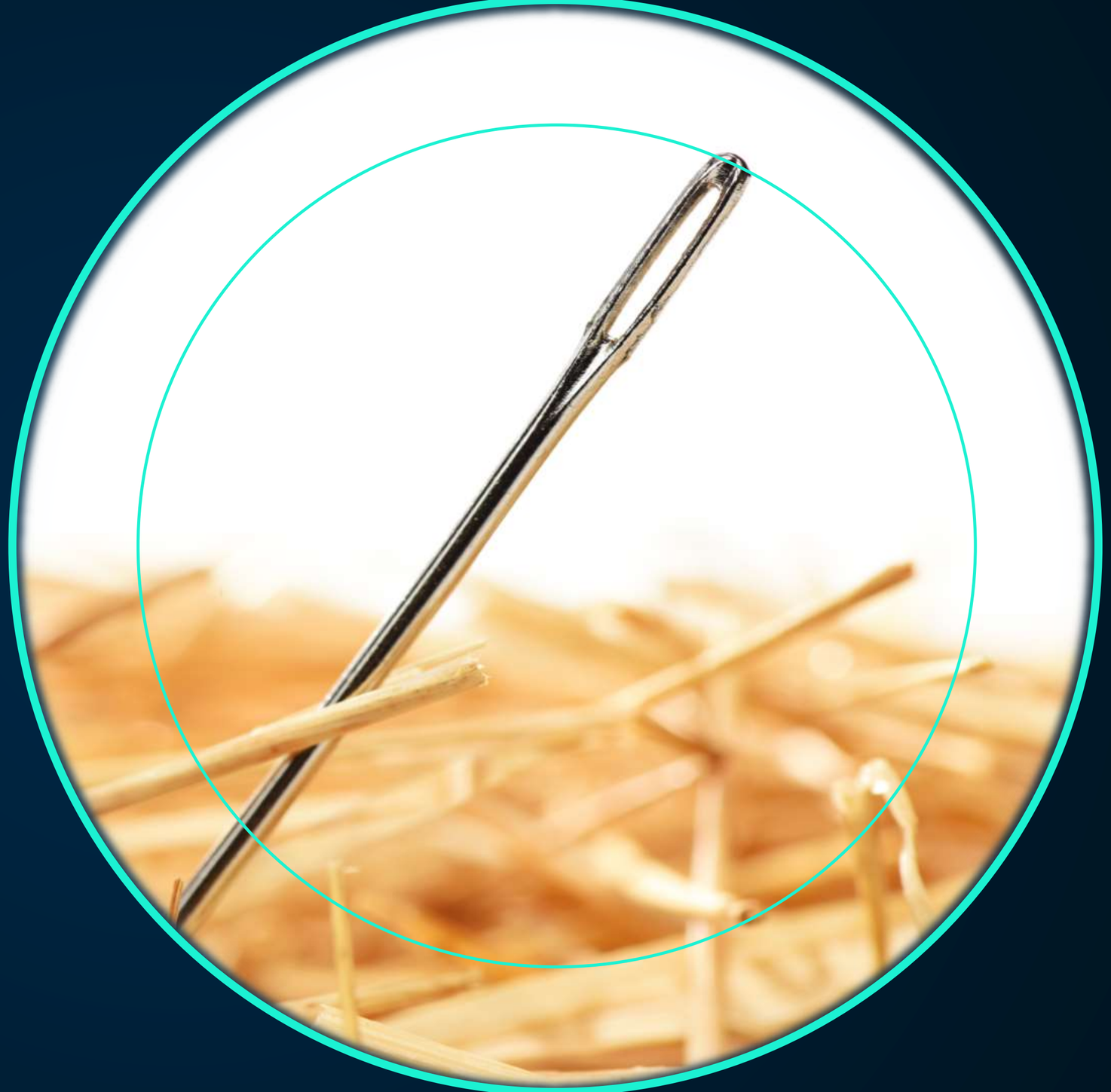
BETTER INSIGHTS, SAFER PIPELINES

>98% IS IN GOOD CONDITION



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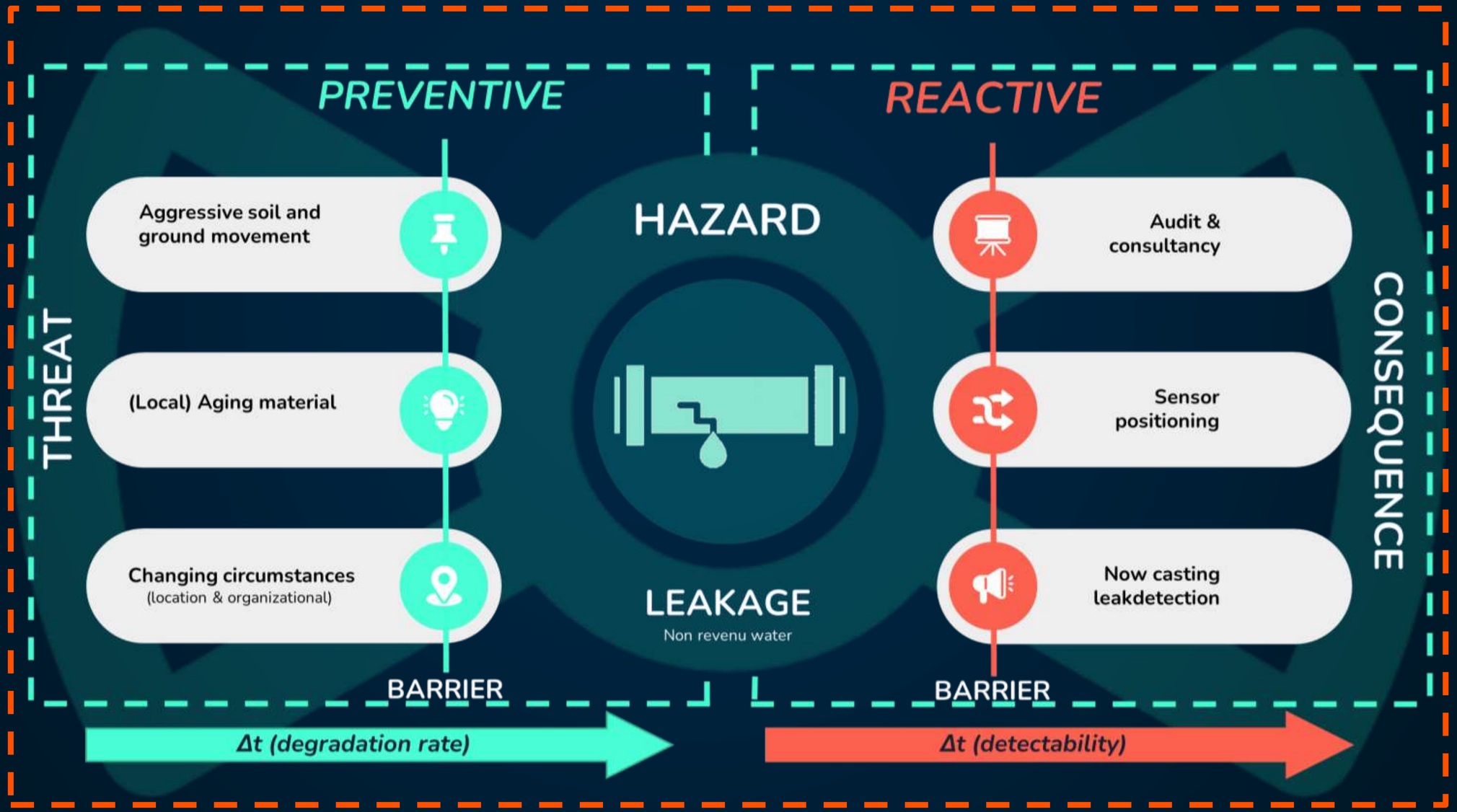
Safety management system

Probability & consequence analysis

Pipeline routing

Remaining life assessments

Project management



SOLUTIONS

ACQUARIUS

The smart tool for internal pipeline inspections

PIPE SCANNER

External pipeline inspections in a flash

AUTOPILOT

Know your network inside and out | When should I do What and Where

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PIPE SCANNER

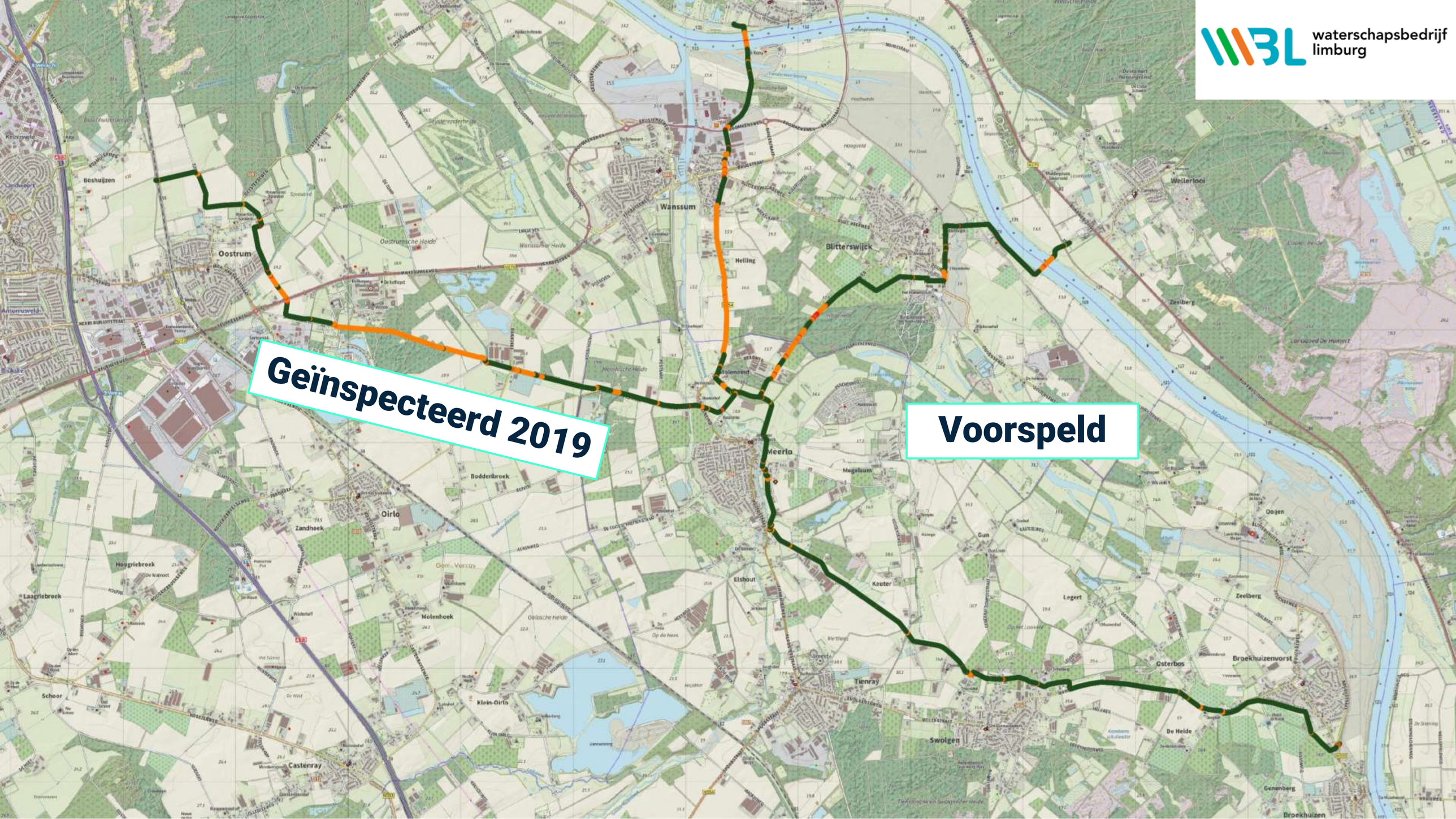
360-degree pipeline scan in a flash.

- Inspection tool loaded with sensors;
- Can be used by your own technicians or field staff;
- Competitive element engages users;
- Comprehensive, non-destructive condition assessments;
- No **HSE risk**;
- AC | CI | DCIP| PLASTICS | SS | CS | Ø > DN100/4”;
- Remaining healthy wall thickness.

ACQUARIUS

A complete condition assessment in one run, all data available within one day.

- Designed for larger diameters ≥ DN200/8”;
- Measures the condition of **the pipe and the joint;**
- Images of many kilometres of piping in a single run;
- You measure, we analyse;
- Inspections without downtime;
- AC | PC(C)P | DCIP | CI | PLASTICS | GRP | SS | CS;
- 95% of the failure mechanisms.


waterschapsbedrijf limburg
Geïnspecteerd 2019
Voorspeld
Beshuizen
Oostrum
Wanssum
Heiling
Blitterswijck
Weilerloo
Zeelberg
Molenend
Meerlo
Mogeisum
Boddenbroek
Oirlo
Zandhoek
Hoogriebroek
Laagriebroek
Molenhoek
Elshout
Keuter
Gun
Logert
Oojen
Zeelberg
Osterbos
Broekhuizenvorst
Tienray
Swolgen
De Heide
Schoor
Klein-Oirlo
Castenray
Genenberg
Broekhuizen

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Lessons learned

- ✓ Gezien omvang is alles inspecteren een utopie, een hefboom is noodzakelijk;
- ✓ Human asset aan het verouderen en onmisbaar voor focus en resultaat
- ✓ Focus op het faalgedrag, factoren die het proces beïnvloeden en onderbouw dit met (open) data;
- ✓ Kwaliteit van data bepaald nauwkeurigheid en systeemgrenzen;
- ✓ Kans om efficiency te verhogen van 50% naar 95%, van 40 naar 80 jaar;
- ✓ Systeembenadering = CAPEX + OPEX;
- ✓ Tool in handen waarmee onderbouwd en gericht geïnvesteerd kan worden;

- ✓ <u>En het toekomst perspectief?....</u>

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