WE CARE ABOUT YOUR CRITICAL EQUIPMENT. WE MONITOR IT.

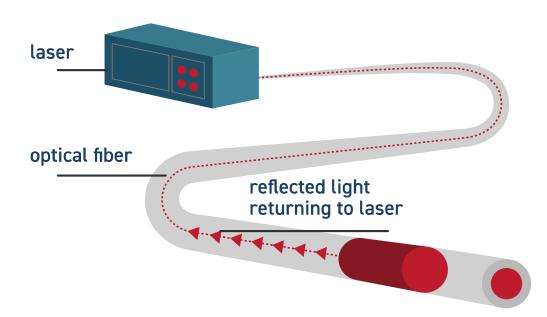
FLUVES





MONITOR EVERY METER, EVERY MINUTE FIBER OPTIC SENSING TECHNOLOGY



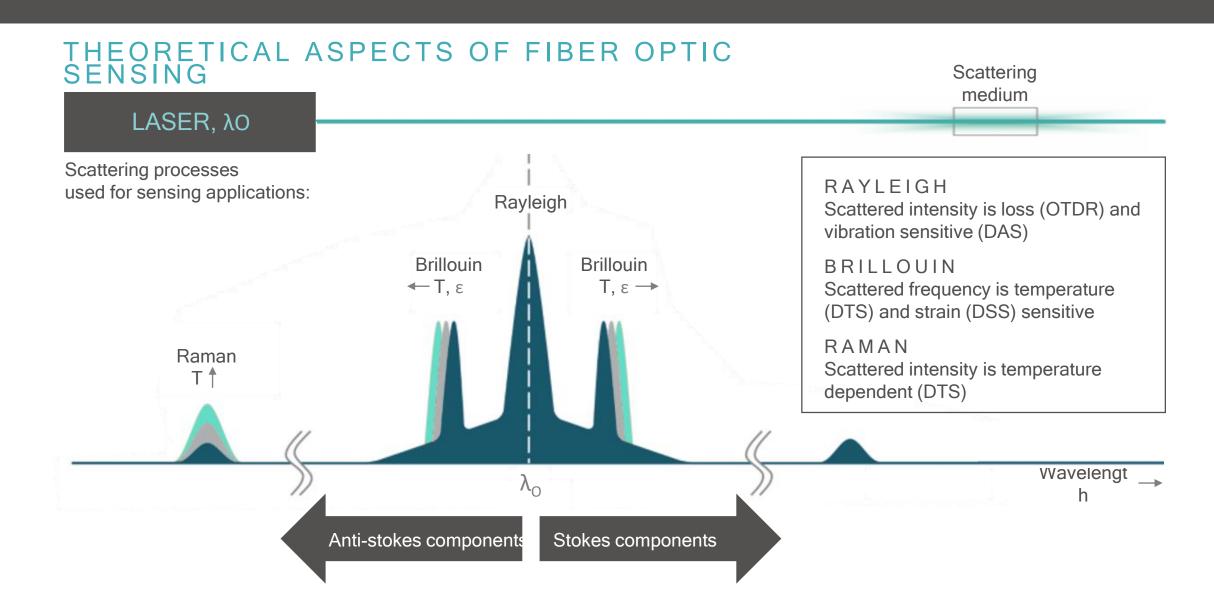


ATEX PROOF

EXTREMELY LONG
RANGES

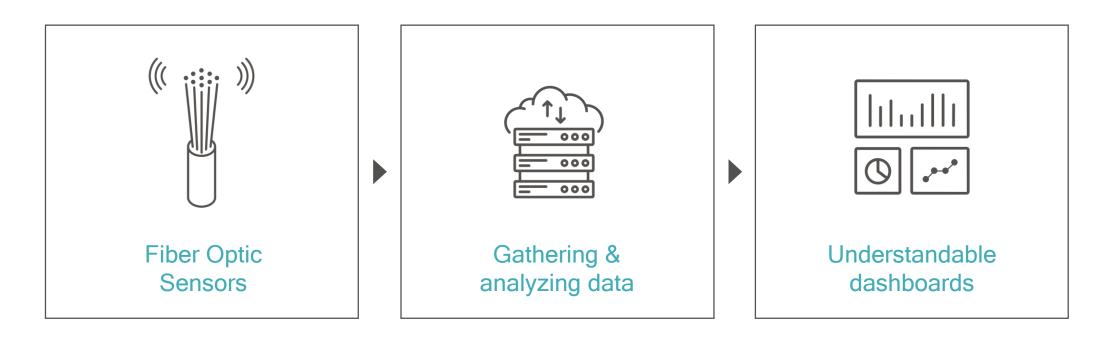
HIGHLY ACCURATE

COST EFFECTIVE



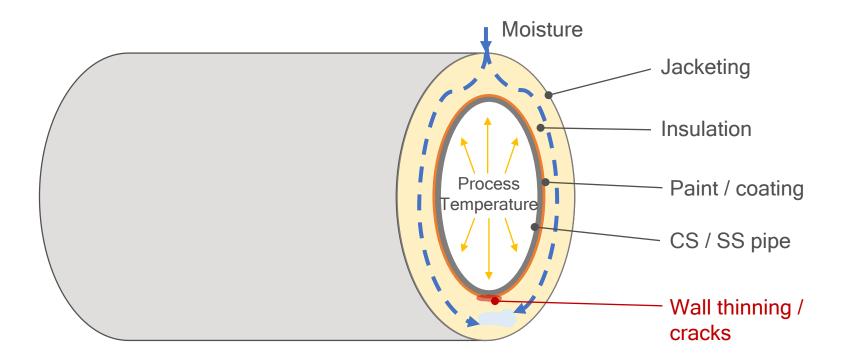


YOU'RE ALL SET WITH OUR PREDICTIVE MAINTENANCE PLATFORMS



WHAT IS CUI?

Corrosion Under Insulation can occur on insulated pipes and equipment



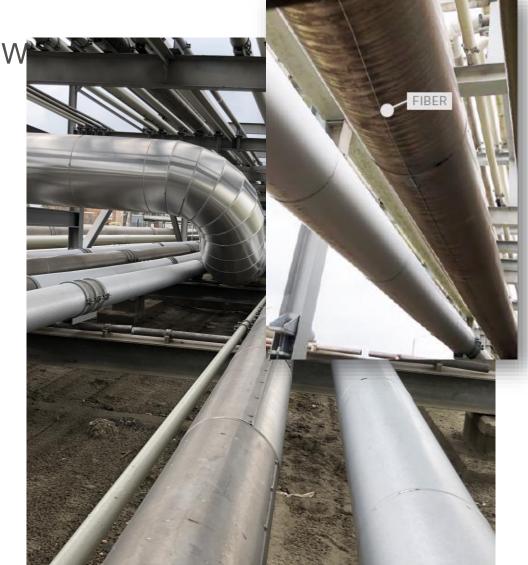




HOW DOES FIBER OPTIC MONITORING W

1) INSTALLATION OF THE FIBER

- A specialty optical fiber is attached along the whole length of the pipeline.
- It can be placed on the outside of the cladding. No need to dismantle anything.



HOW DOES FIBER OPTIC MONITORING WORK?

- 2) Connect a sensing system (DTS, DAS).
 - Can be placed anywhere
- 3) Computation server processes raw data and pushes results to the cloud via network or 4G.



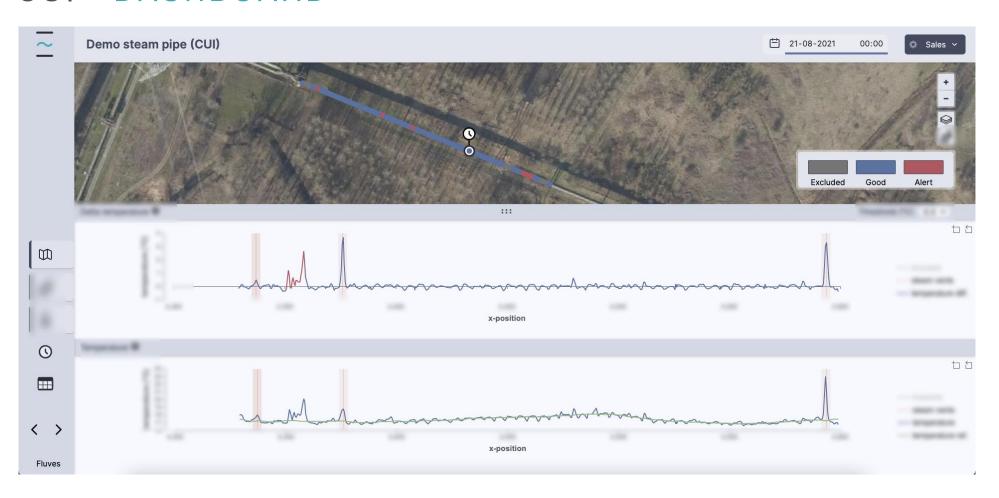
HOW DOES FIBER OPTIC MONITORING WORK?

- 2) Connect a sensing system (DTS, DAS, DSS).
 - Can be placed anywhere
- 3) Computation server processes raw data and pushes results to the cloud via network or 4G.
- 4) Our in-depth analytics software converts the raw data into understandable metrics.
- 5) An online dashboard visualizes the insights and alarms the user when a problem were to arise.





CUI - DASHBOARD





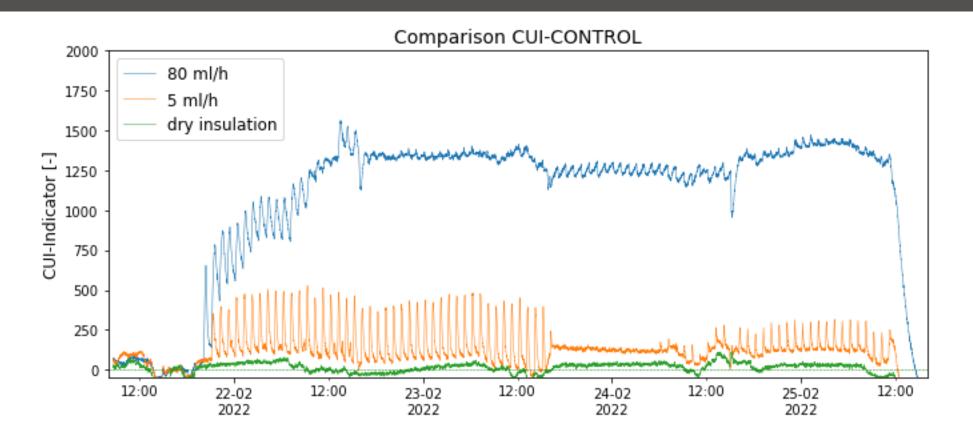
PRAKTIJKLAB CORROSIE



CUI-CONTROL FLUVES







- Differences between the pipes with 5ml and 80ml water injection per hour could clearly be detected
- Difference between dry pipe and pipe with 5ml per hour injection could clearly be detected









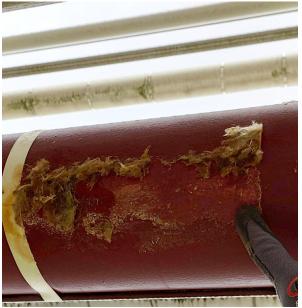
CUI - CASE STUDY A





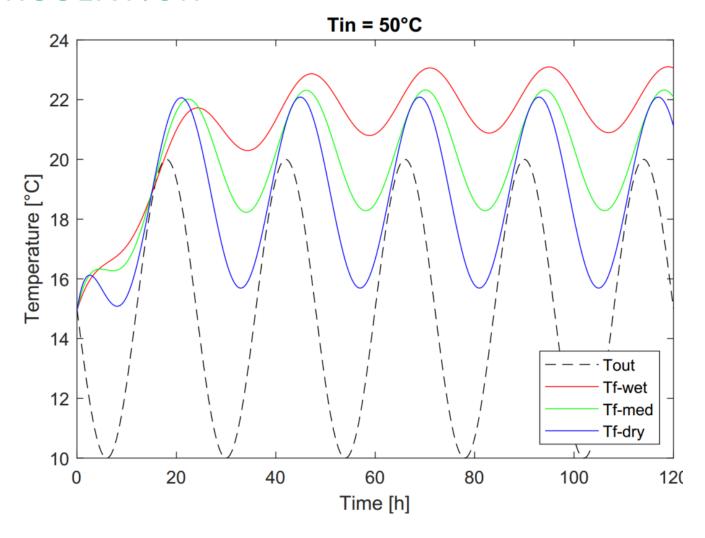






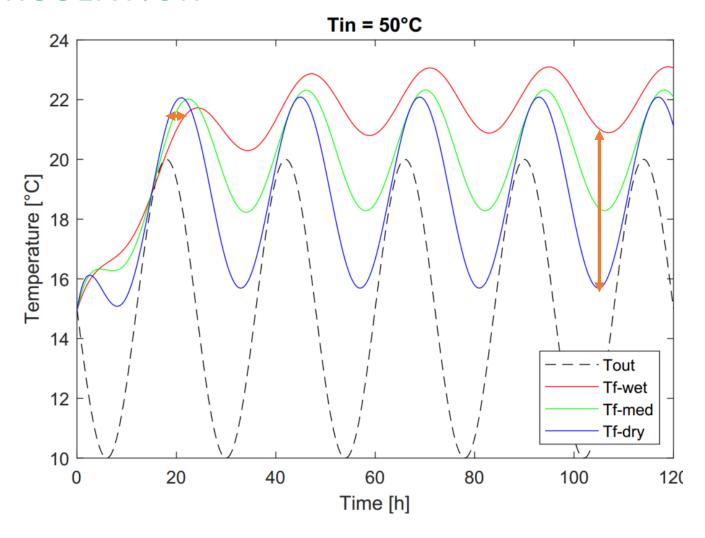


MODELING INSULATION





MODELING INSULATION



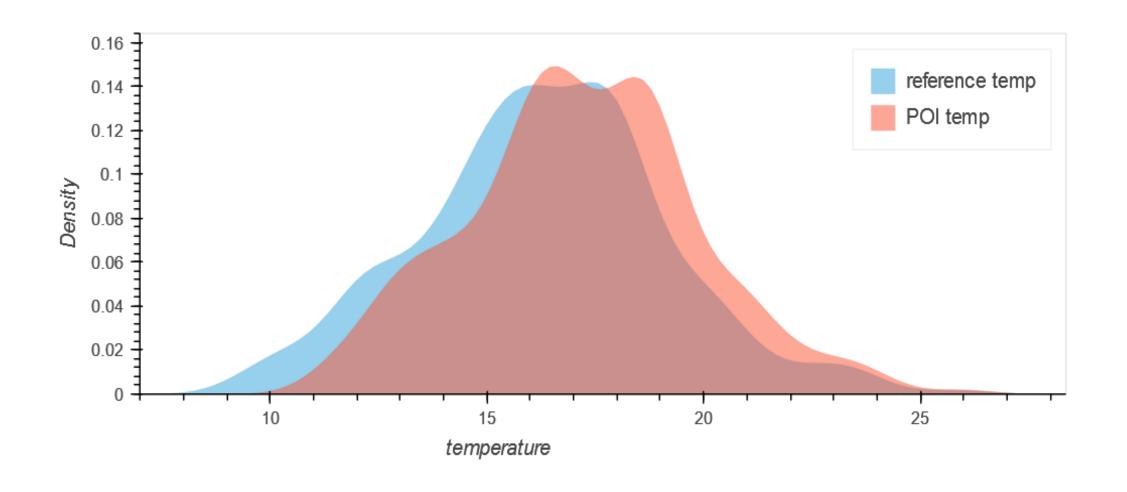


TEMPERATURE HISTORY OF EVERY POINT



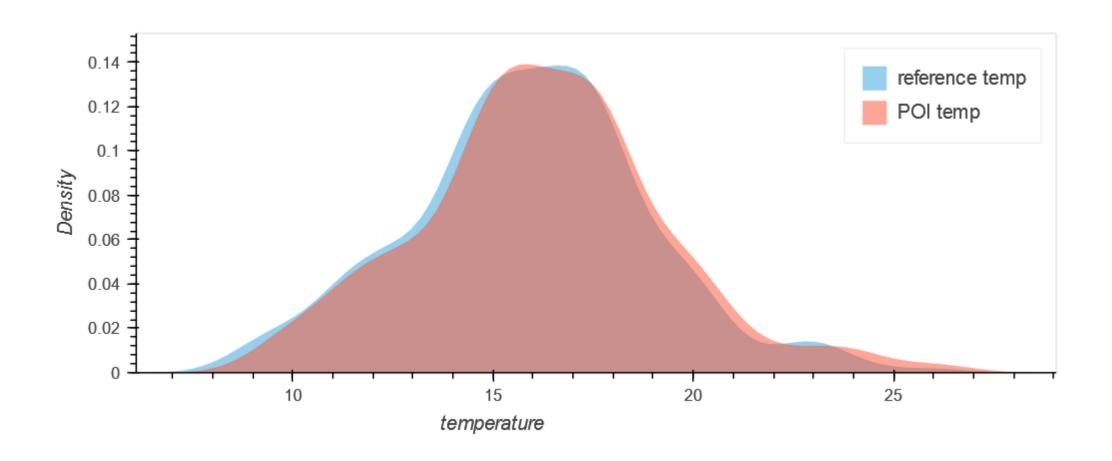


HIGH TEMPERATURE + DELAY: WET INSULATION





HIGH TEMPERATURE + NO DELAY: REDUCTION IN THE INSULATION



Email us: sales@fluves.com

Call us: +32 9 346 85 30



By talking to our clients, we are still discovering new industrial problems where fiber optic sensing seems to be the best solution.

SO LET'S TALK!



WE CARE ABOUT YOUR CRITICAL EQUIPMENT. WE MONITOR IT.