

SulfiLogger

Rugged H₂S sensor for liquid and gas phase measurements in harsh environments

IoT Go home meeting

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SulfiLogger A/S

Founded

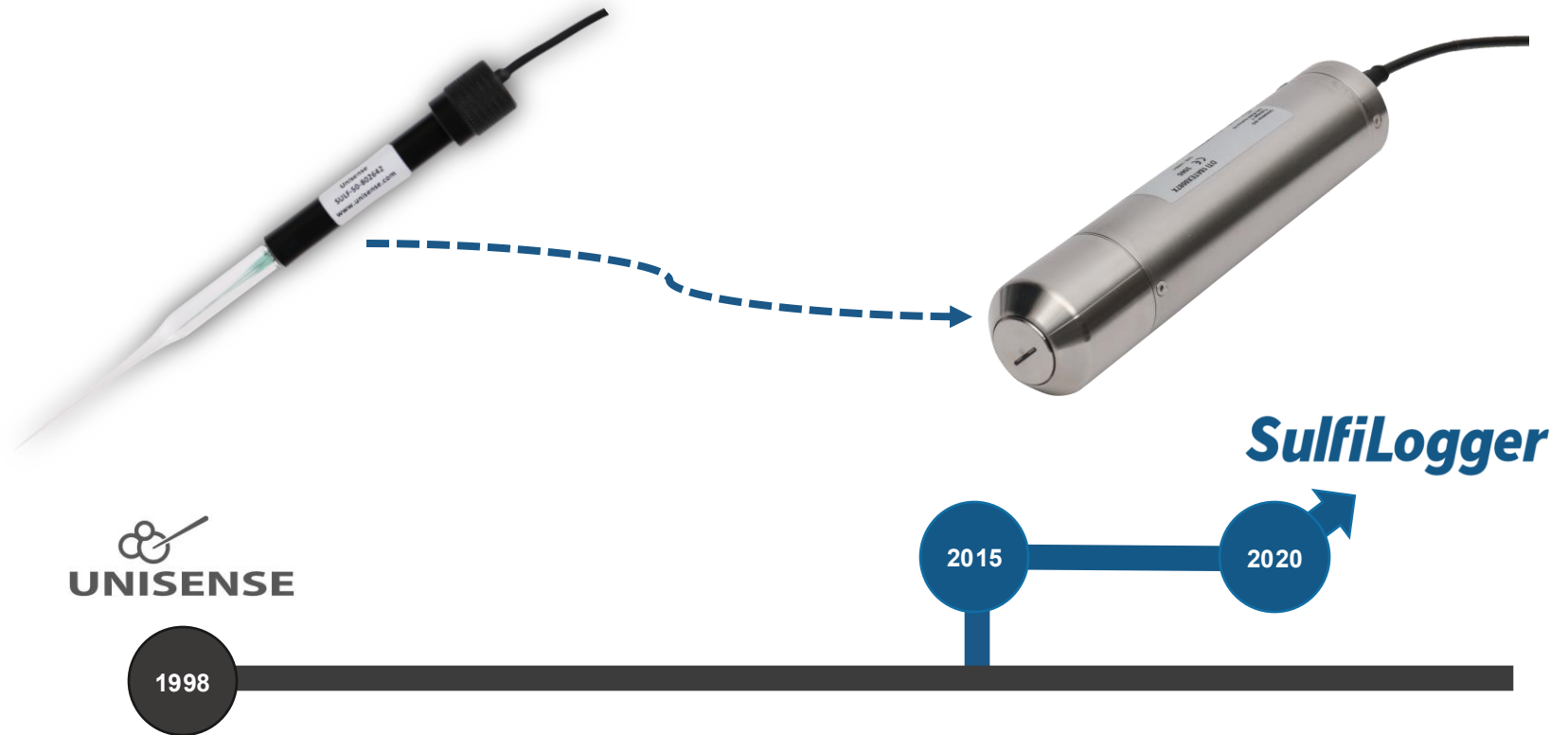
July 2020, Spin-out of Unisense A/S

Staff:

30 employees (several Ph.d.)

Key markets:

Wastewater, biogas, oil/gas



Company: SulfiLogger A/s

Experts in H₂S sensor solutions with +20 years experience

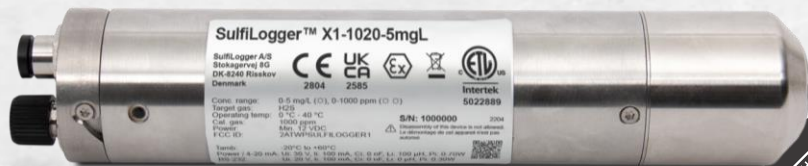


About us

- Denmark, Risskov, in-house production
- Texas, Tomball, US shipping
- Direct global sales (+40 countries)
- ISO 9001:2015 & ISO/IEC 80079-34:2018

About the sensor

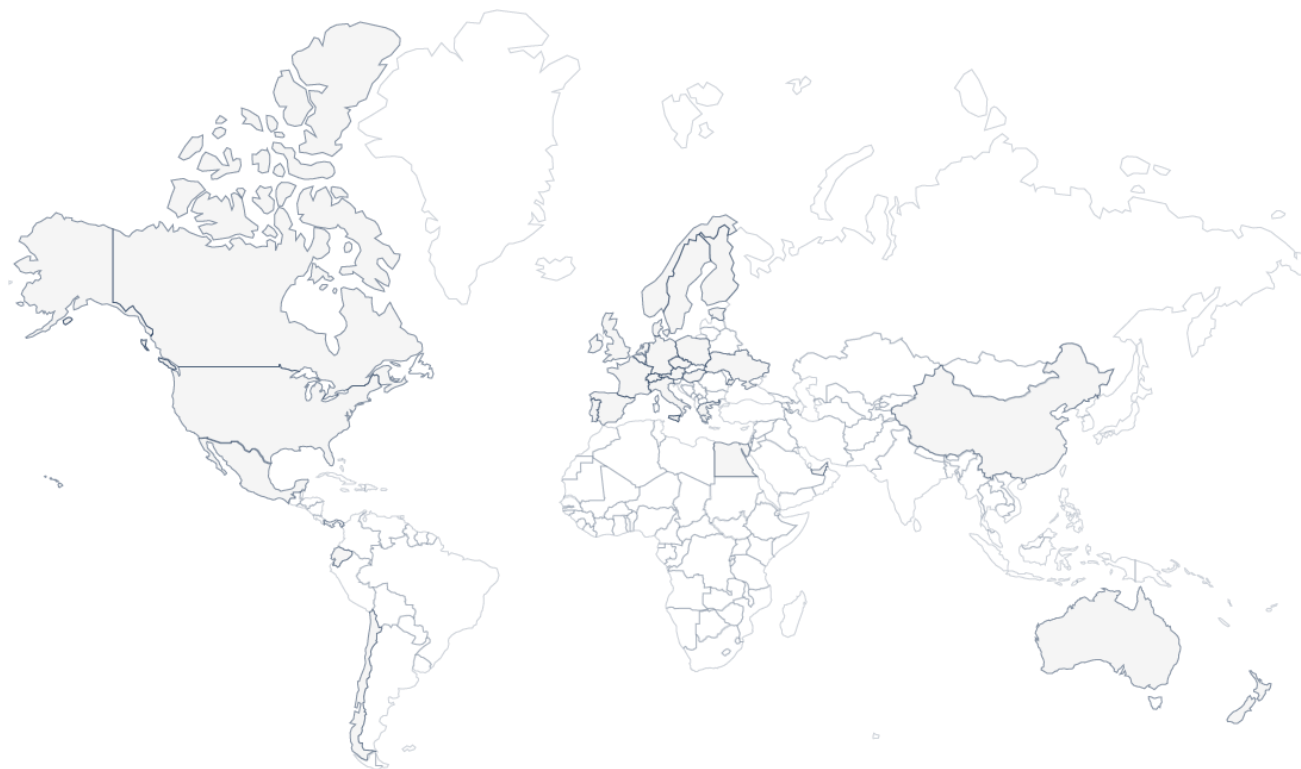
- Novel Micro-electrochemical technology
- Patented (US) & Patent-pending (EU & other regions)
- Ex-approved (ATEX, HazLoc, & IECEx)



Global sales

H₂S sensors in +30 countries

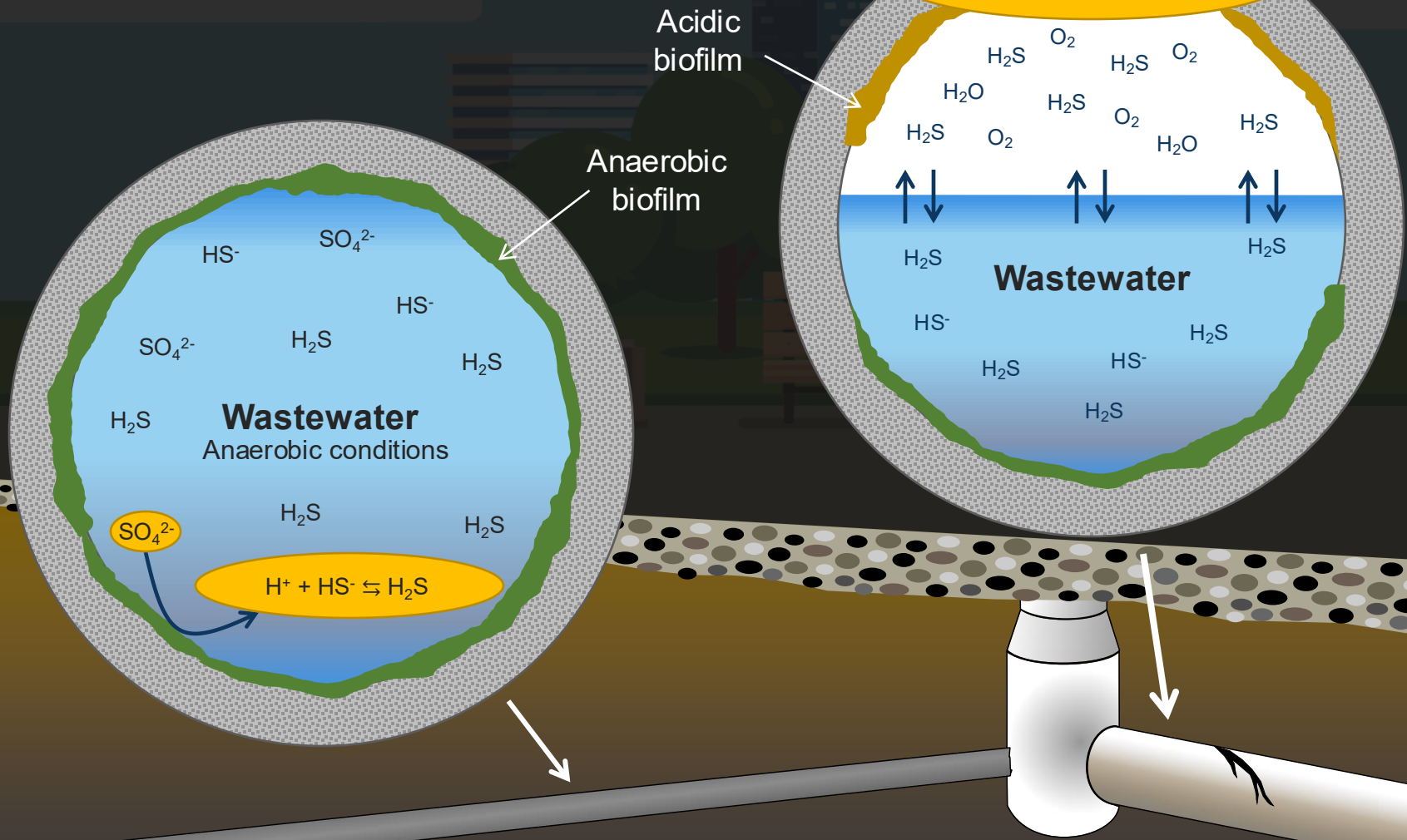
- *Revenue by region:*
 - 40% North America
 - 40% Europe
 - 20% Rest of the World



Applications



H₂S in sewers



Products

Primary products



Robust sensor



Cloud data/battery power



Cloud data software platform

Installation equipment



Equipment for wastewater



Equipment for gases



Generic accessories

Approvals and IPR protection





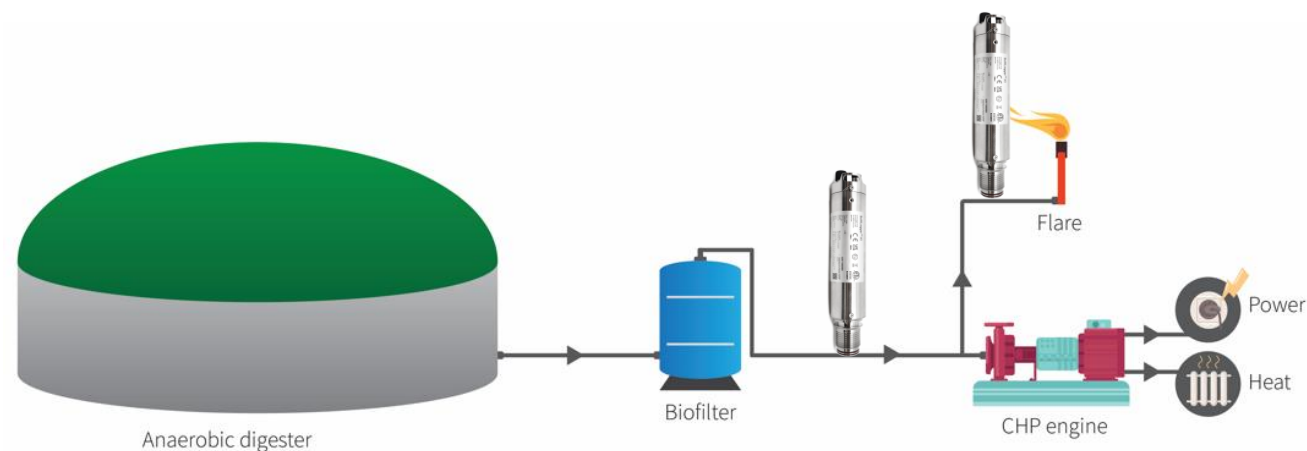
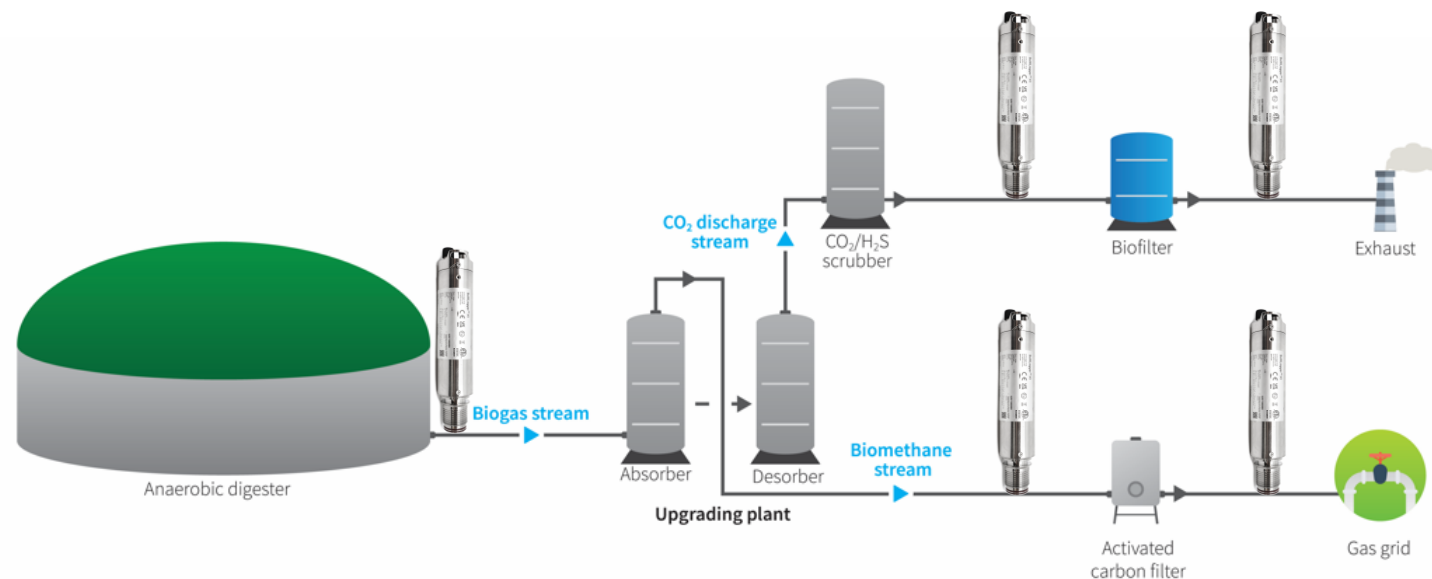
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sulfilogger.com
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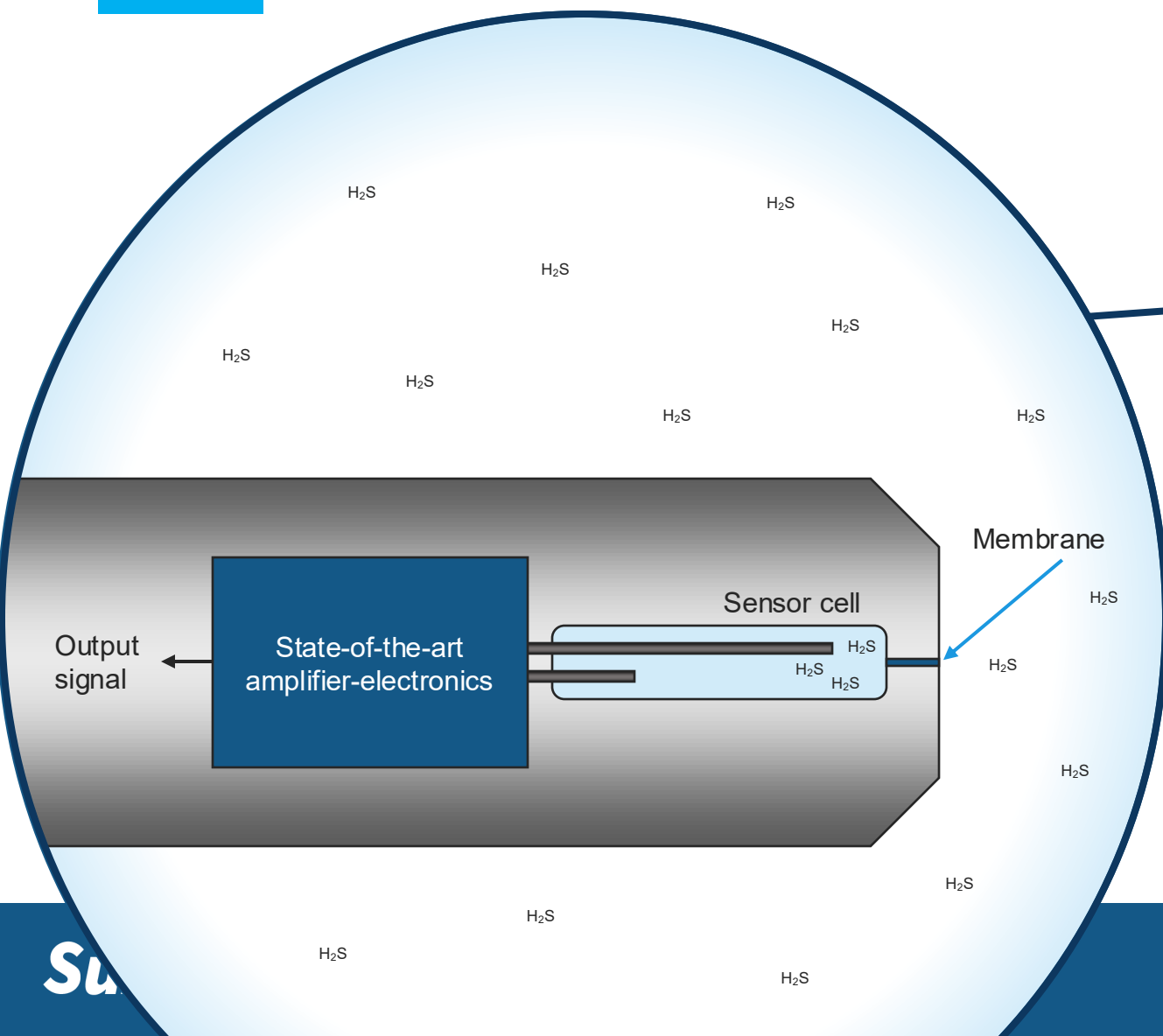
Application Examples:

Biogas & RNG

- Gas-phase measurements
 - Inline up to 10 barg (145 psig)
- 100 ppbv to 50,000 ppmv
- 0 °C-40 °C (32 °F-104 °F)
- Continuous monitoring for:
 - Desulfurization control
 - Scrubbers
 - Carbon filters
 - CHP inlets
 - CO₂-discharge
- Alternative to:
 - Extractive analyzers with sample conditioning
 - Manual sampling
 - Glass tubes, hand-held analyzers



Technology



Microelectrochemical sensor



Reliable

Internal diagnostics, redundancy & high quality



Robust

Measure anywhere – in 0-100% RH, under pressure, no oxygen



Fast

Low response time and continuous measurements



Plug n' play

Direct installation

No need for complex system adaptations

Cost



SulfiLogger™ H₂S sensor

Approx. A\$ 10,000

Incl. 1-year warranty
(optional extended warranty up to 5 years)



**Mounting hardware and
calibration equipment**

Approx. A\$ 2,500



**PowerCom Box (Cloud
data/battery power)**

Approx. A\$ 5,000

incl. 2 years of data

Thank you for listening
