

## Hydrogen Systems Functional Safety

### A Workshop for Leadership Teams



**Date:** 20.11.2025

**Time:** 09:00-12:00



**Næringslivets Hus**  
Middelthuns gate 27  
0368 Oslo

**Based on IEC 61508 & IEC 61511**

**Get SIL implementation right the first time.**

**Avoid rework, overruns & delays.**

**Real case studies + industry best practices.**

**Learn about**

- Functional safety management planning
- SIL requirement & implementation
- Functional safety assessment
- Functional safety audit





## Agenda

09:00-09:05	Quick round table
09:05-09:10	About the workshop
09:10-10:00	<ul style="list-style-type: none"> <li>Understanding functional safety: when and why to implement it</li> <li>Roles and responsibilities in implementing FS</li> <li>Cost of implementing functional safety</li> </ul>
10:00-10:10	Q&A
10:10-10:15	Short break
10:15-10:45	<ul style="list-style-type: none"> <li>FS management across the project life cycle</li> <li>Technical requirements</li> <li>Documentation requirements</li> </ul>
10:45-10:55	Q&A
10:55-11:00	Short break
11:00-11:45	<ul style="list-style-type: none"> <li>Common pitfalls at various stages of implementation</li> <li>Identifying and selecting suitable equipment and suppliers</li> <li>Successfully preparing for and passing functional safety assessments and audits</li> </ul>
11:45-12:00+	Q&A