

# Prevention of overpressure incidents

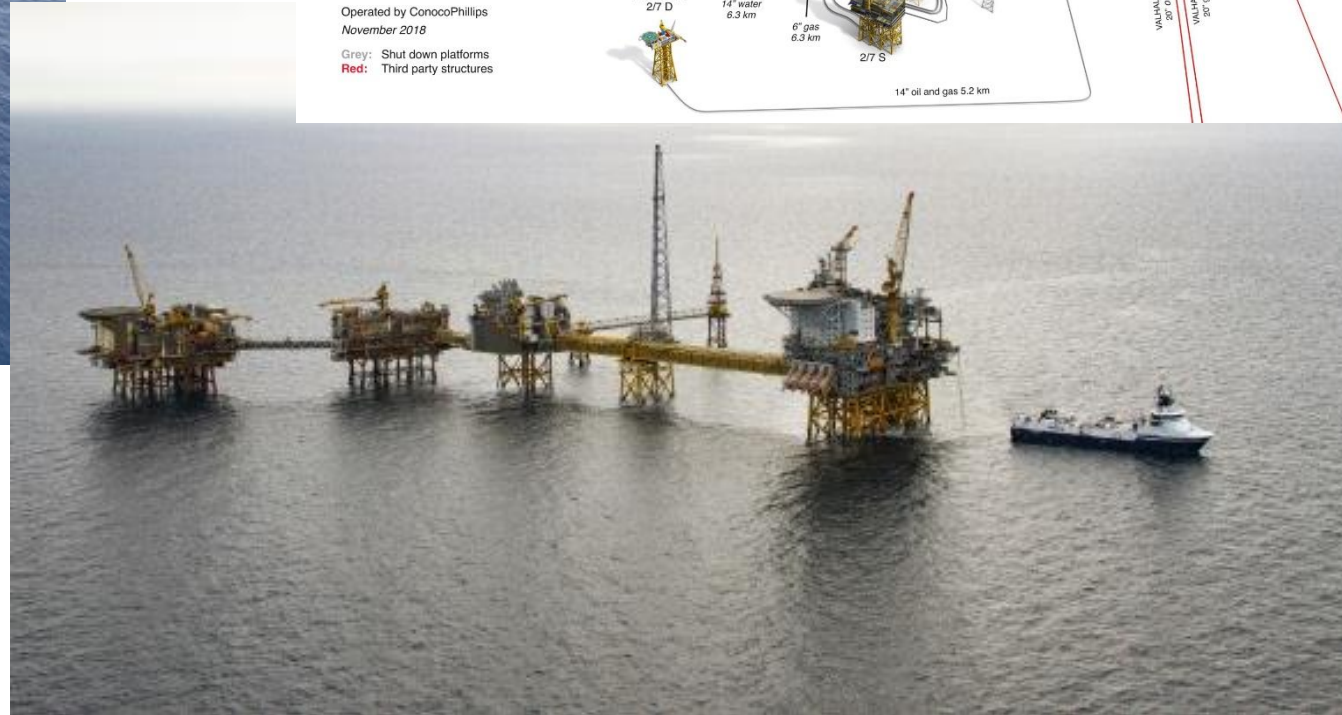
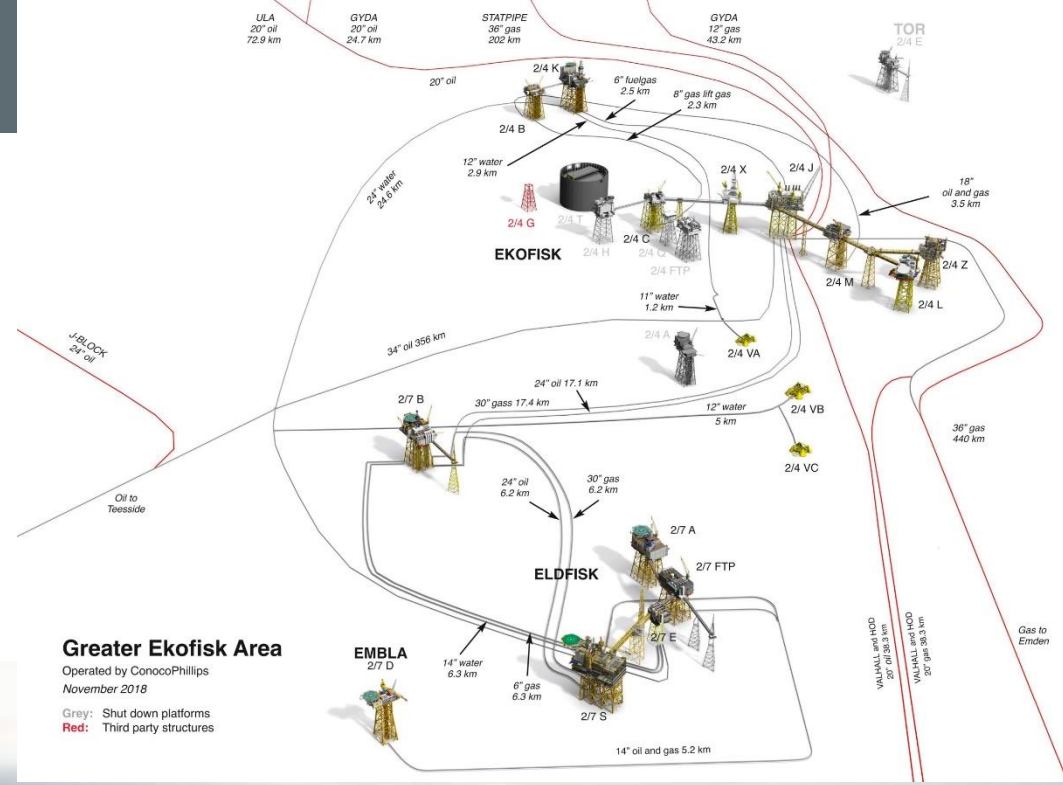


Operational learning from events

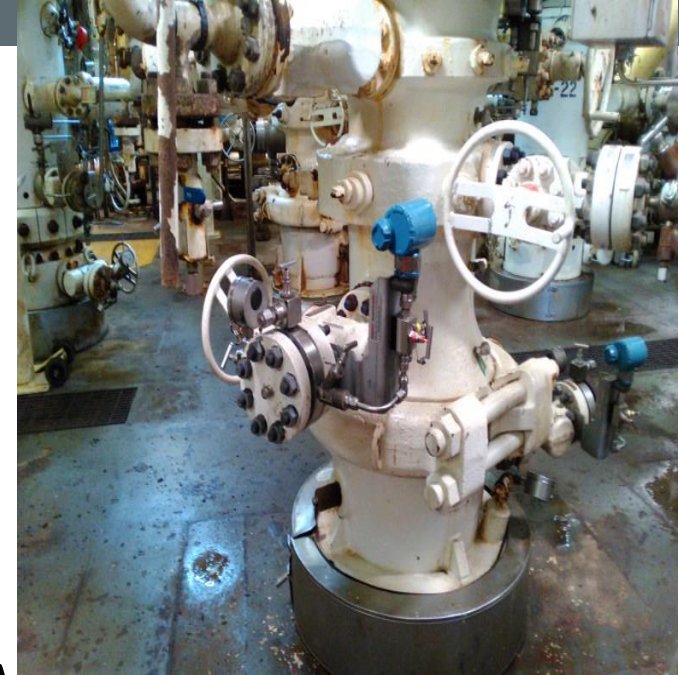
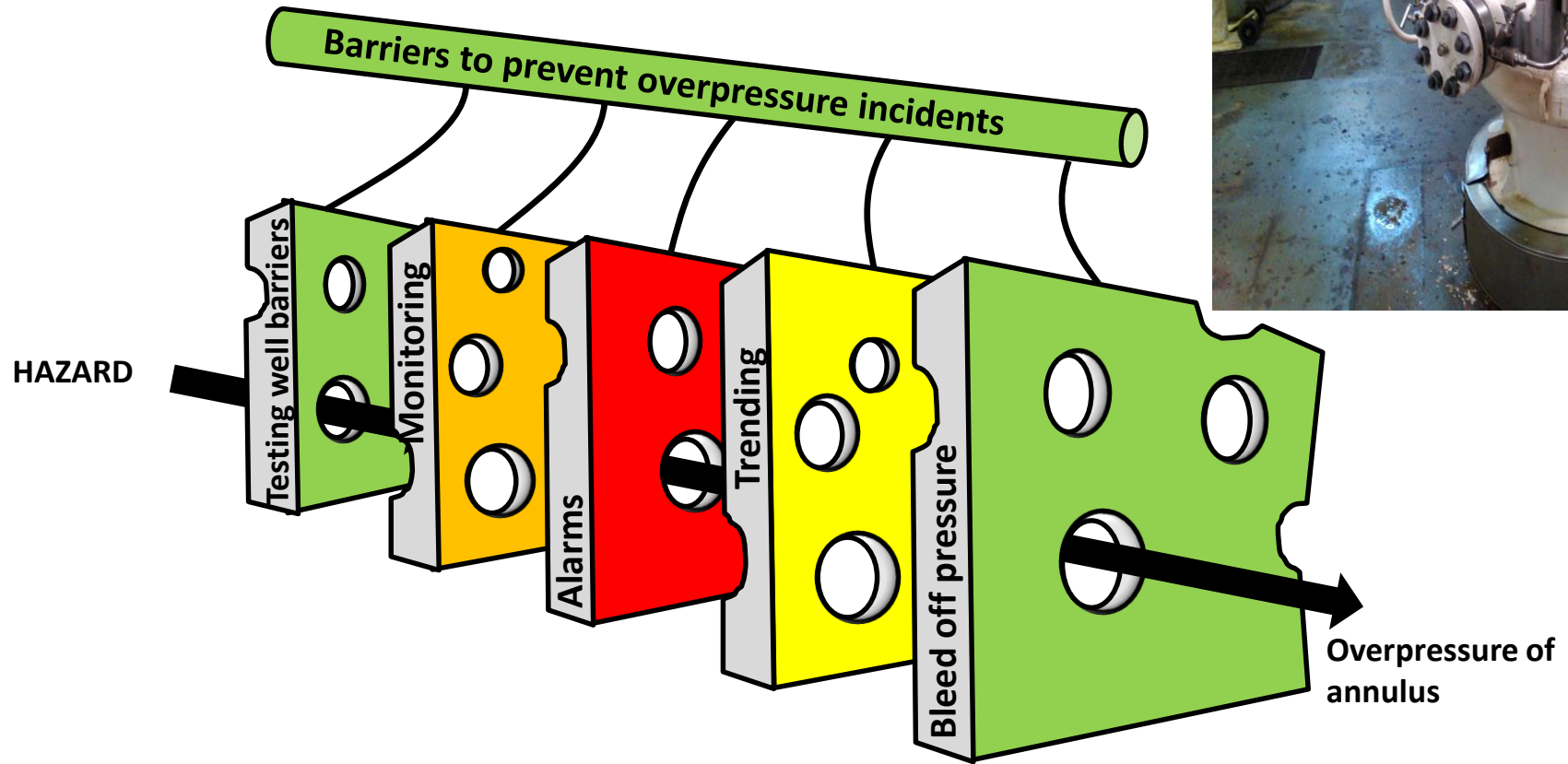
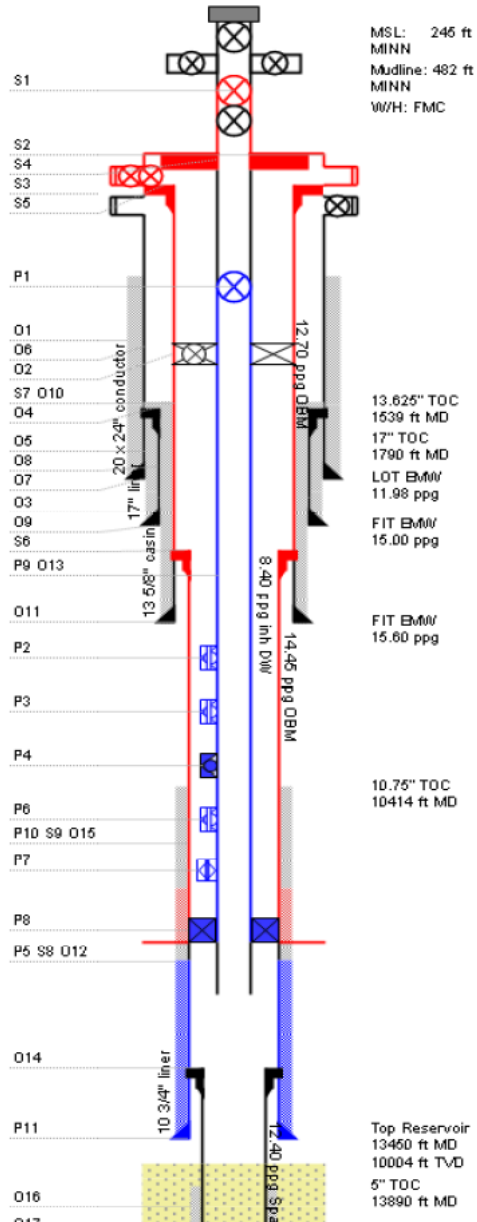


Dagrun Haga Lier,  
Operational Safety

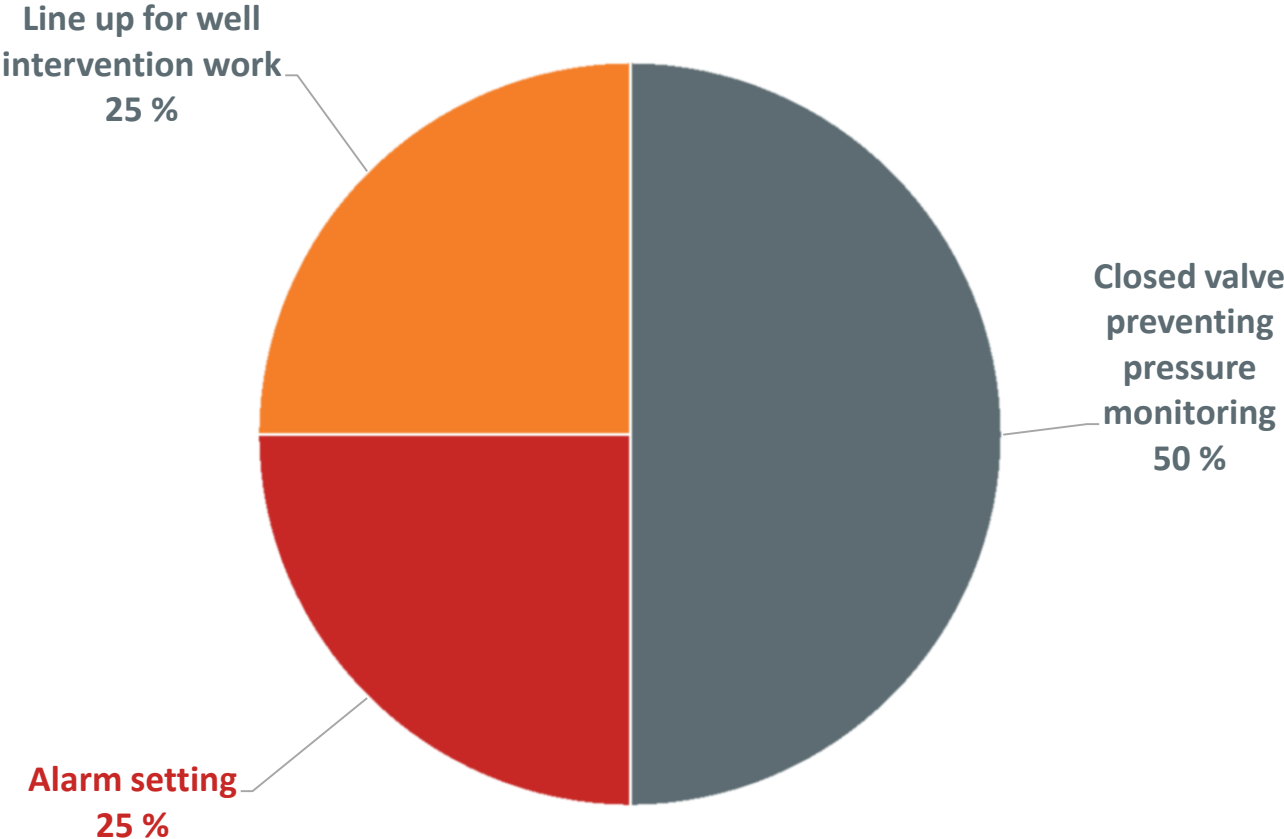
# Greater Ekofisk Area



# Pressure monitoring and trending



## ROOT CAUSES TO HISTORICAL POTENTIAL CASING ANNULUS OVERPRESSURE EVENTS



## How can we ensure all valves on a well are in correct position after working on a well?

- When are the valves operated?
- What valves are operated at what time?
- How does the work take place?
- What barriers fail in these events?

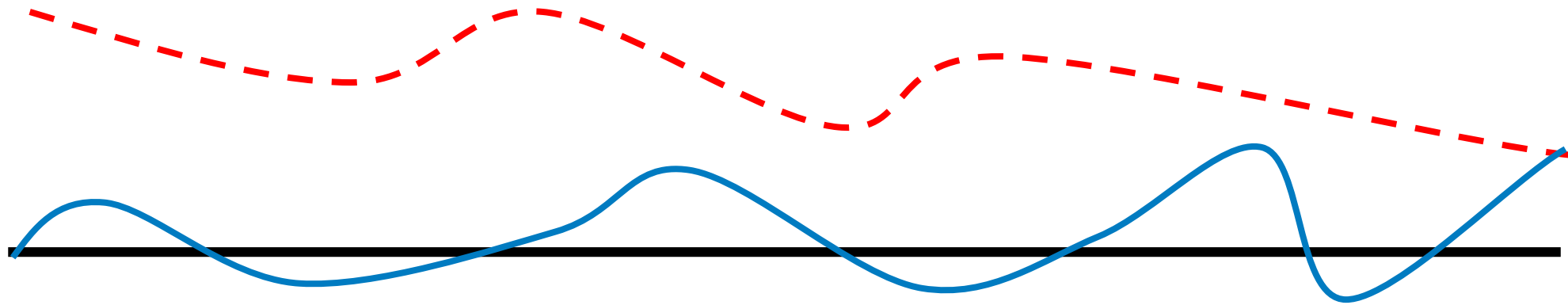


# Work as planned vs. Work in practice

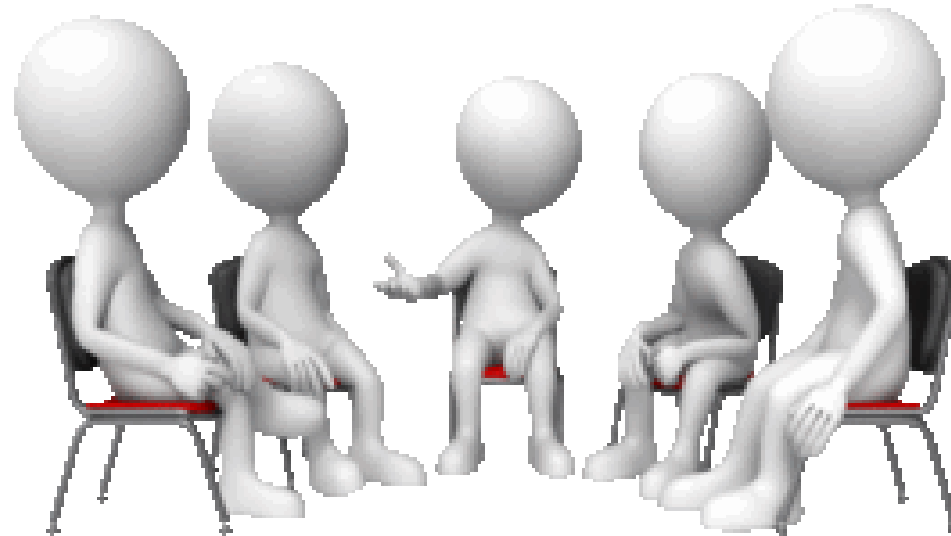
Work as planned

Work in practice

Identified risk/hazards



Concept – involving performing workers in problem solving



***We discussed how the operation is performed from the operators perspective, in order to learn how to improve the process.***

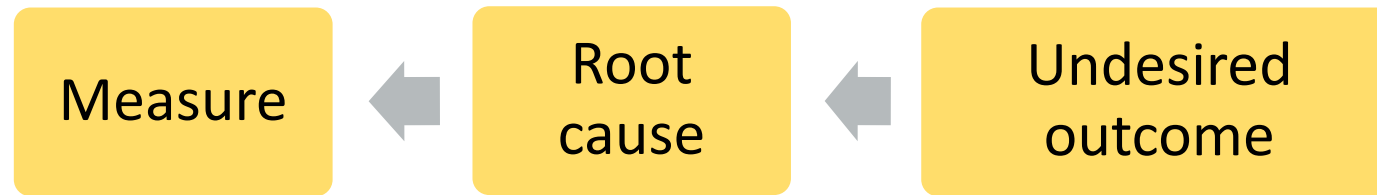
# Human performance principles

1. People make mistakes
2. Blame fixes nothing
3. Learning and improving is vital
4. Context drives behavior
5. How you respond to failure matters

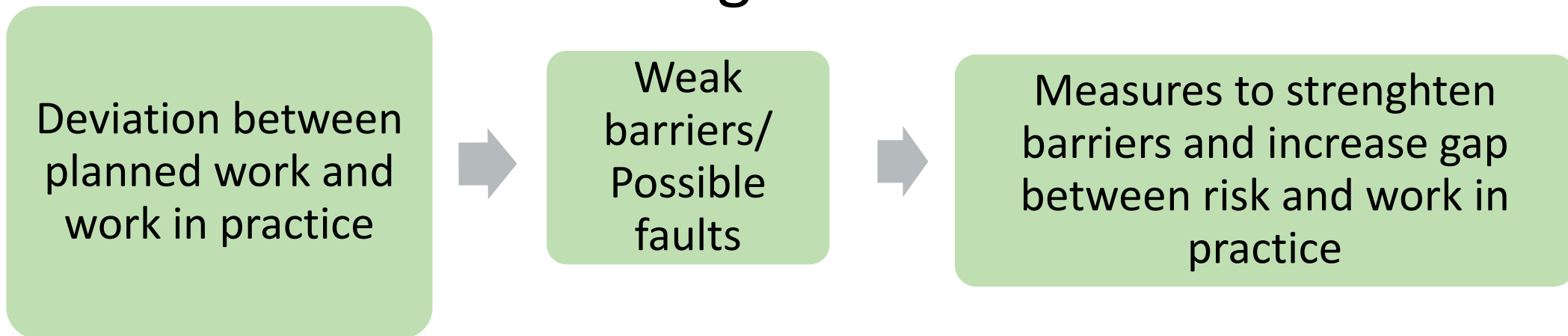


# How can we improve?

## Investigation



## Learning Team





# Table top discussion

1. Is overpressure incidents identified as a challenge with other operators?
2. What are the typical challenges with regards to overpressure incidents and when do they typically occur?
3. How have these been addressed and mitigated?
4. How do we ensure robustness in our barriers and avoid human errors?

