

Is statutory regulation of the international offshore petroleum industry a nuisance or a blessing?

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Exploration and Production Norway, Statoil ASA

Who we are

- Energy company present in **34** countries with **20,000** employees
- Producing **1.95 million** barrel of oil equivalent (boe) pr day
- About **22 billion** boe in proven resources (5.6 billion as booked reserves)
- One of the world's **largest** net sellers of crude oil
- The world's **largest operator** in waters deeper than 100 metres
- World leader in **carbon capture** and storage
- The second largest **exporter of gas** to Europe

On the Norwegian Continental Shelf

Offshore installations	34
Drilling rigs on fixed installations	17
Portfolio of mobile rigs	~15
Supply or other vessels	~50
Helicoptres	22
Chartered planes	2
Helicopter bases	6
Supply bases	7
Offshore beds	~5000

Operating ~ 3 mill boe/day

- 
- Norne
• Heidrun
• Åsgard
• Kristin
• Njord
- Statfjord
• Oseberg
• Gullfaks
• Snorre
- Troll
• Kvitebjørn
• Visund
• Grane
• Sleipner
• Volve
• Draupner
• Marginal fields

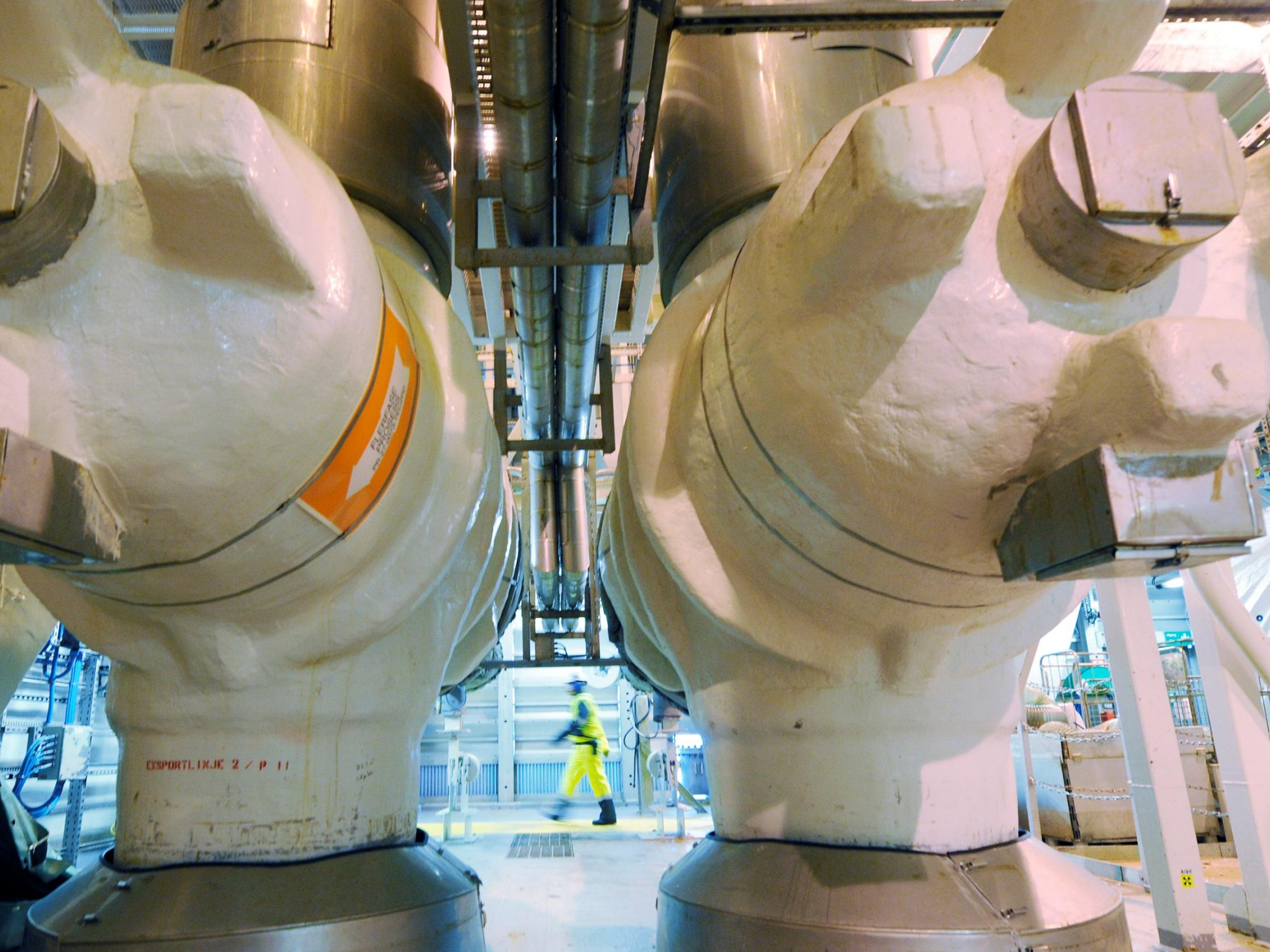


















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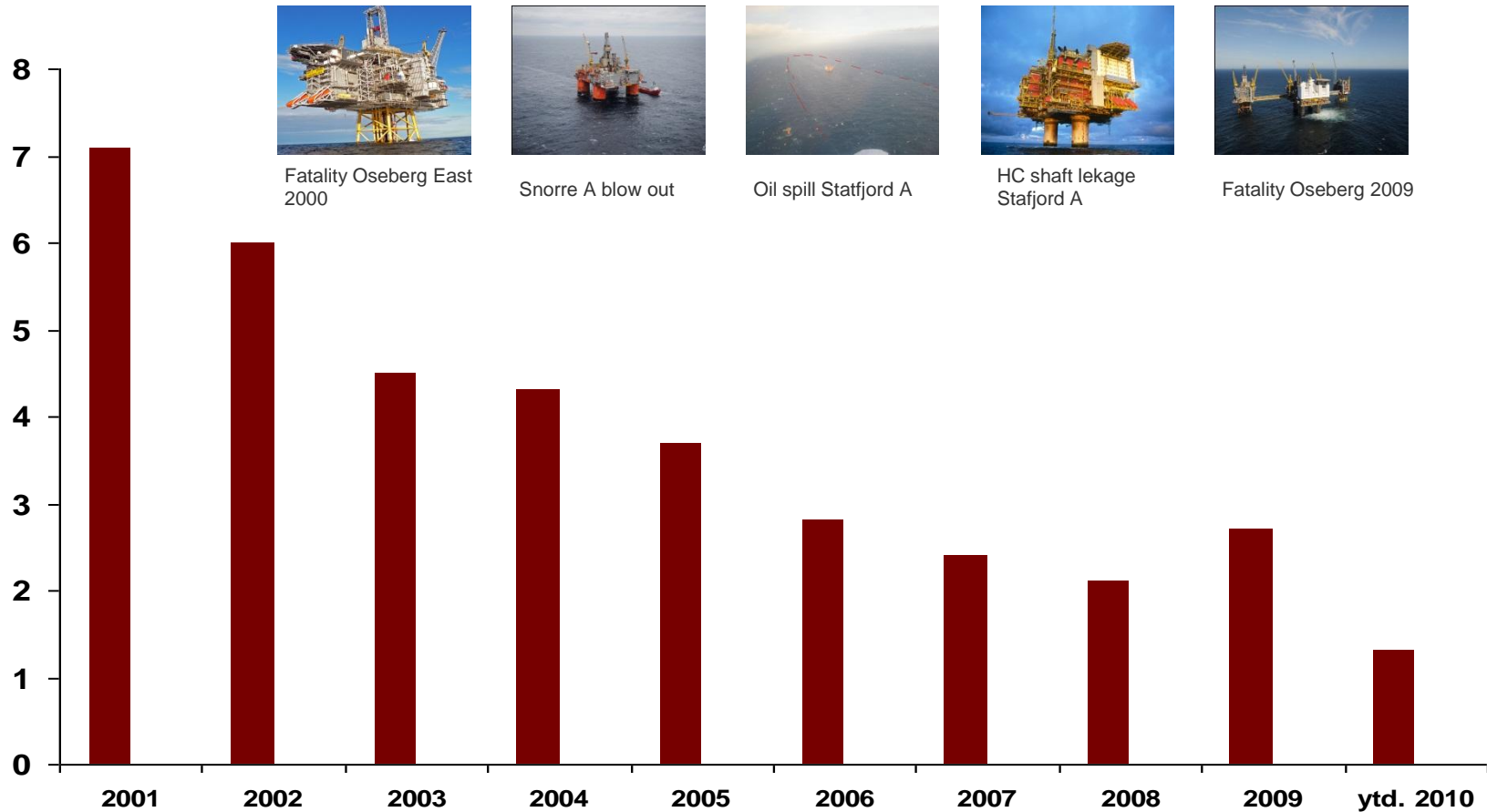
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Development of the safety culture is a never ending journey

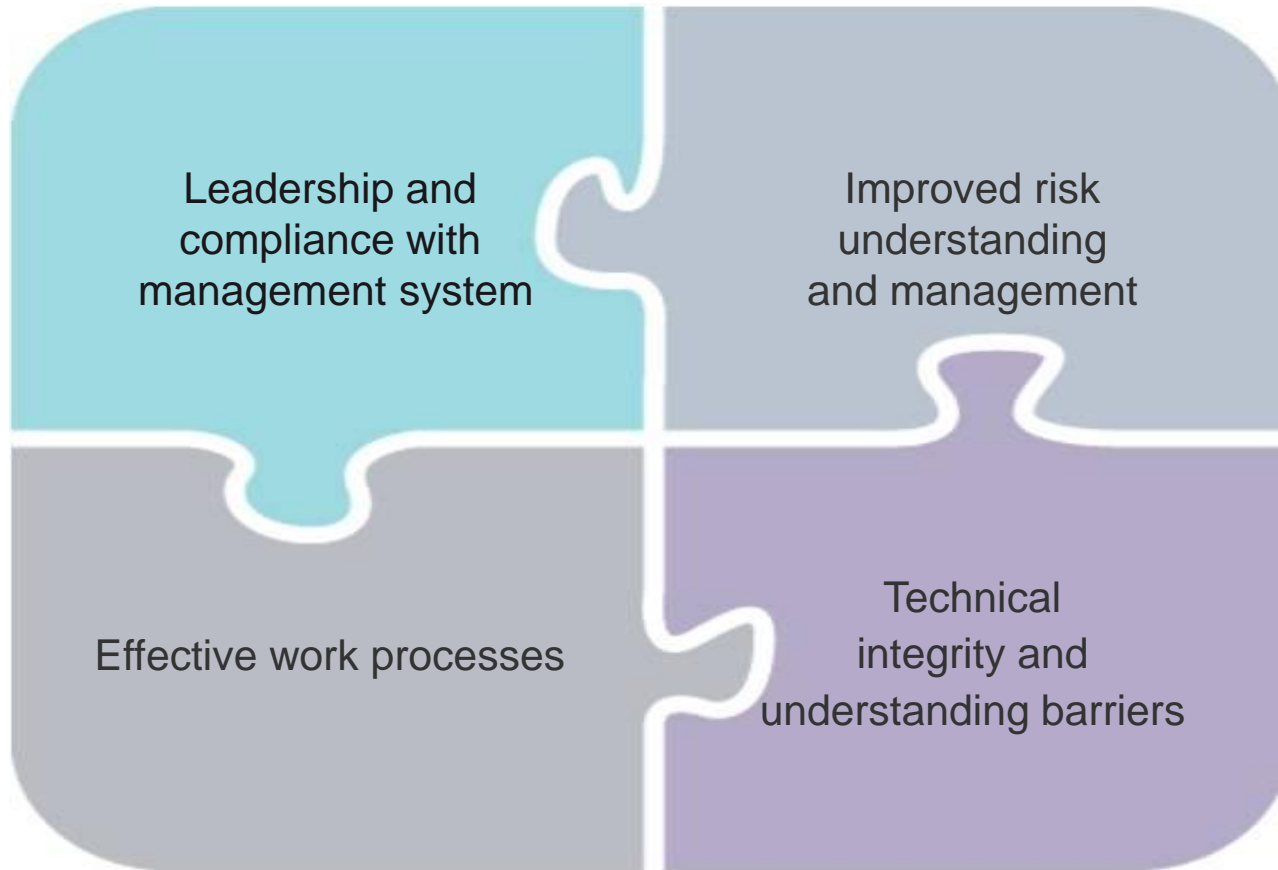


Continuous improvement

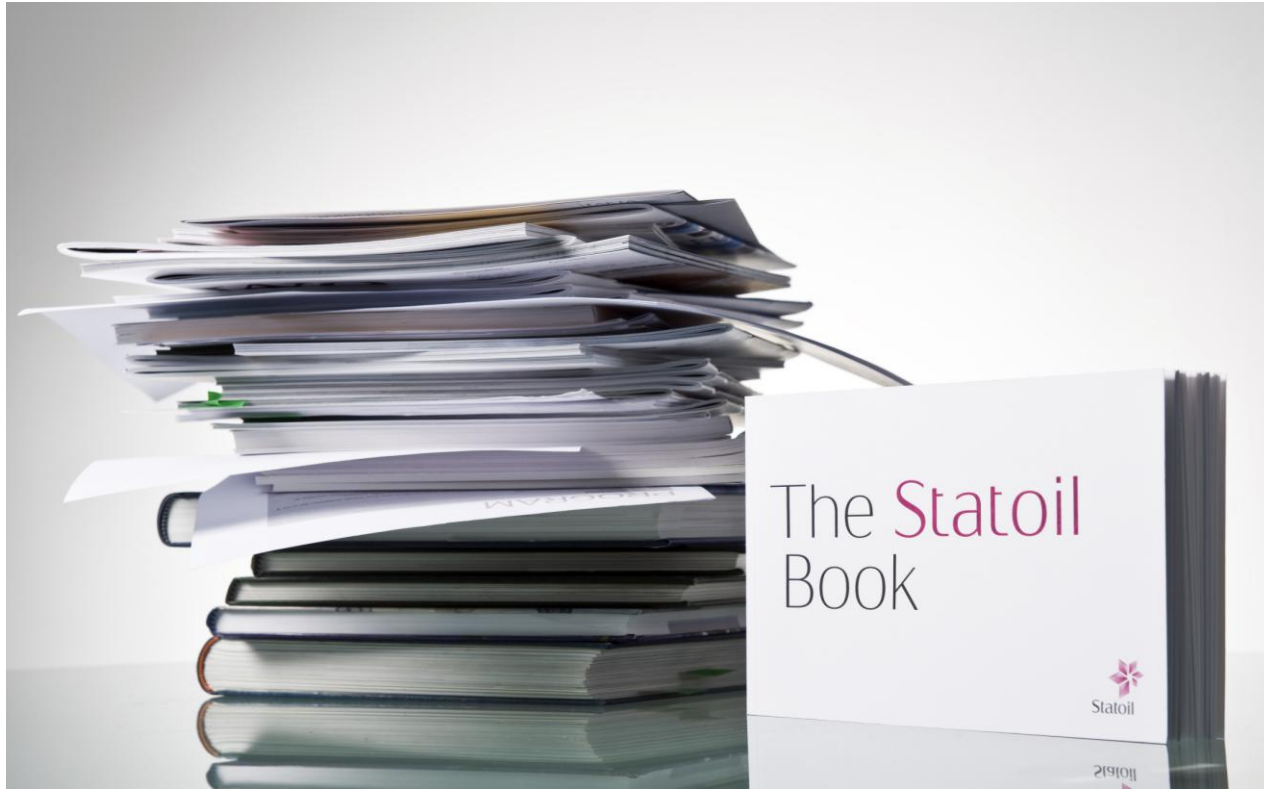


Serious incident frequency (SIF) per million man hours – Statoil E&P Norway

Statoil's main actions to improved HSE performance

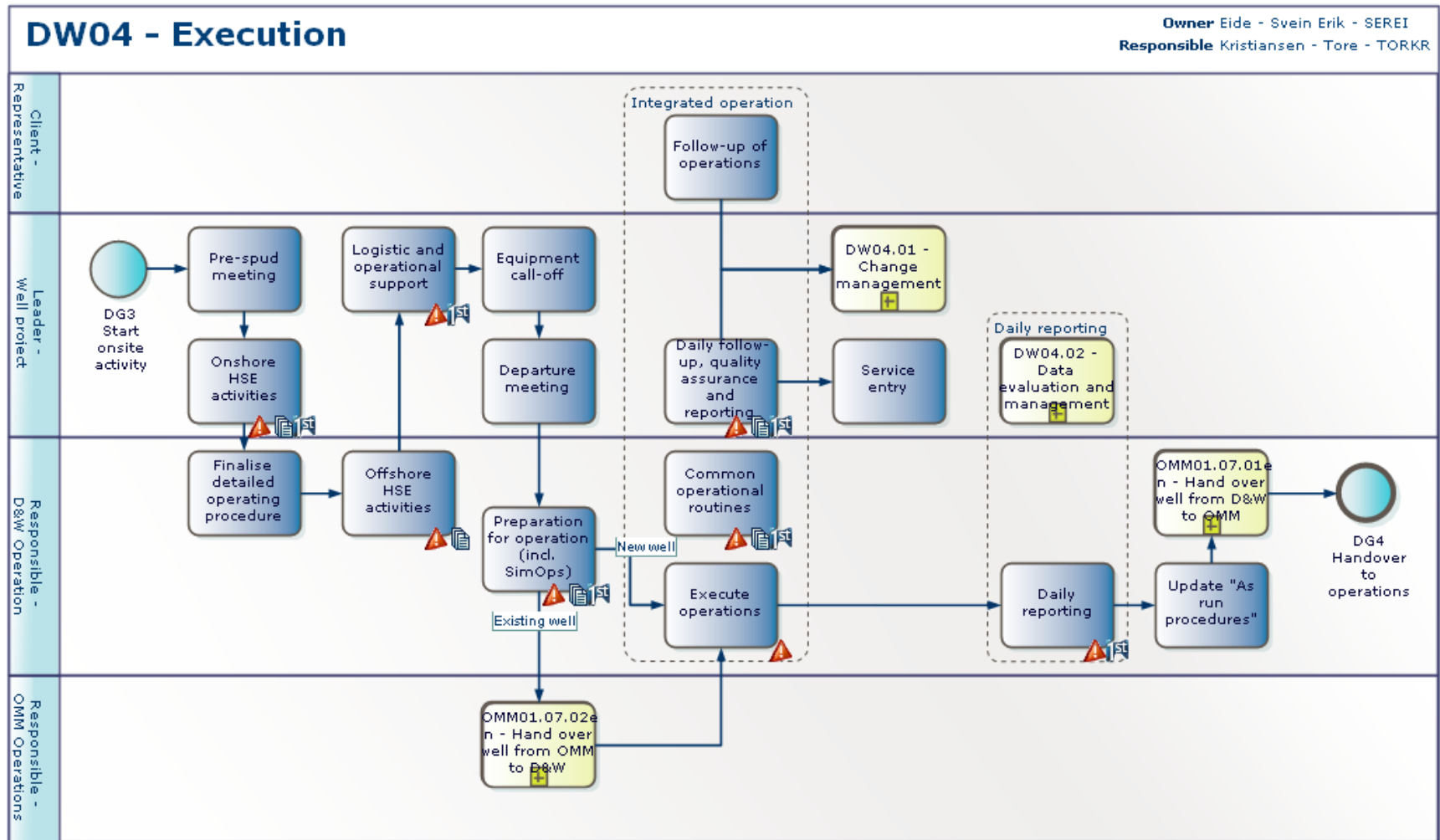


Simplify and harmonise governing documents and work processes

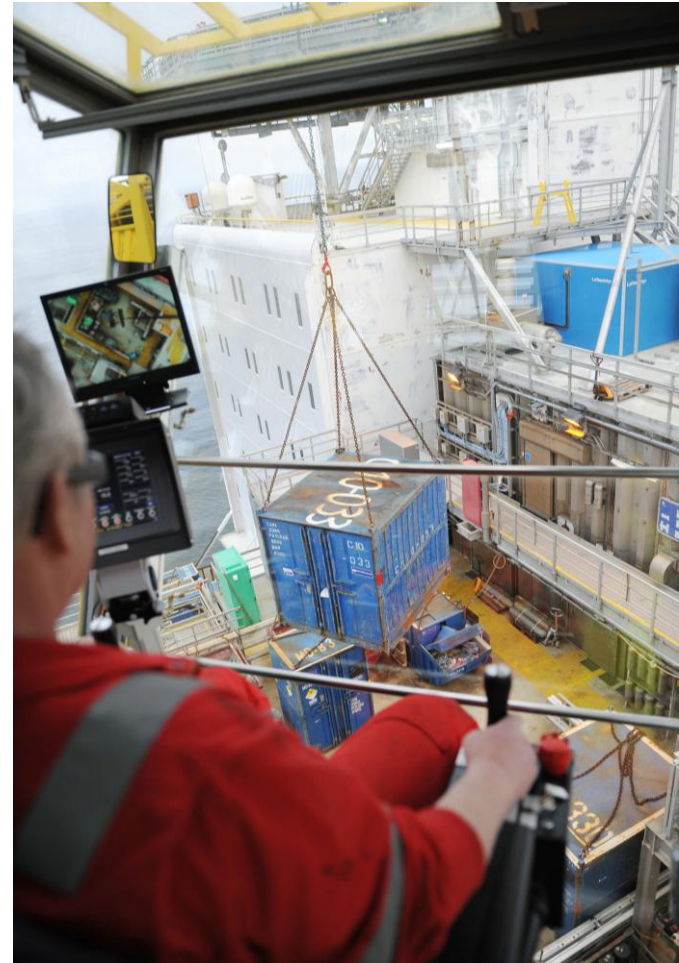
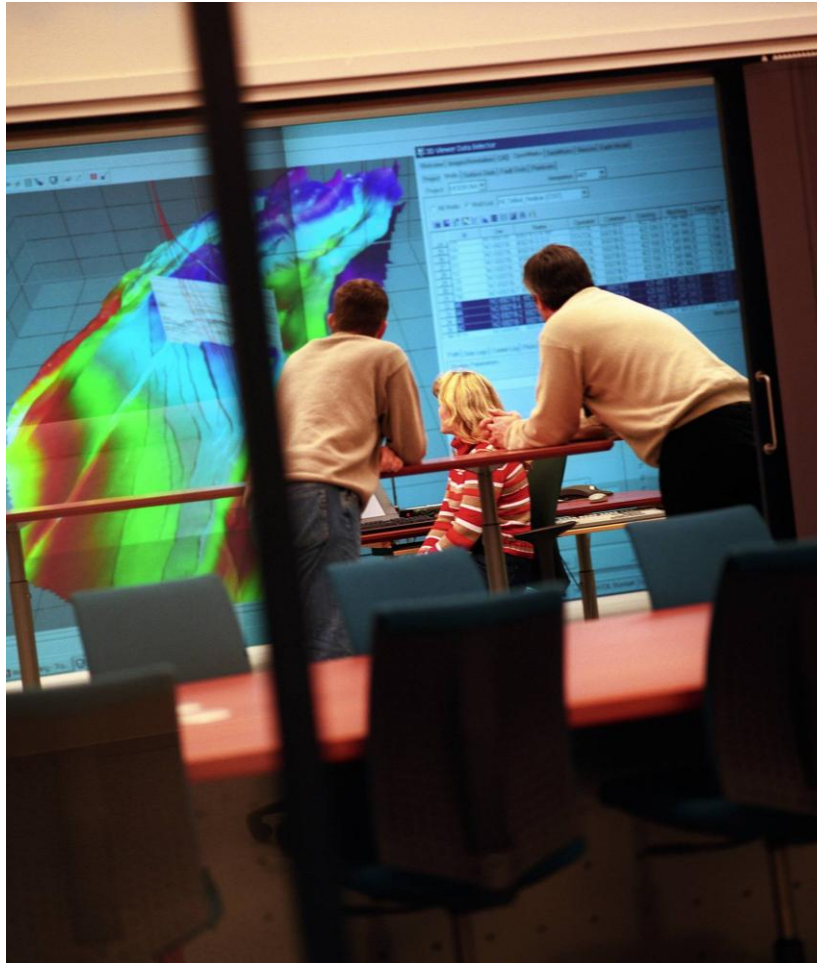


Training - compliance & leadership

Example work process design

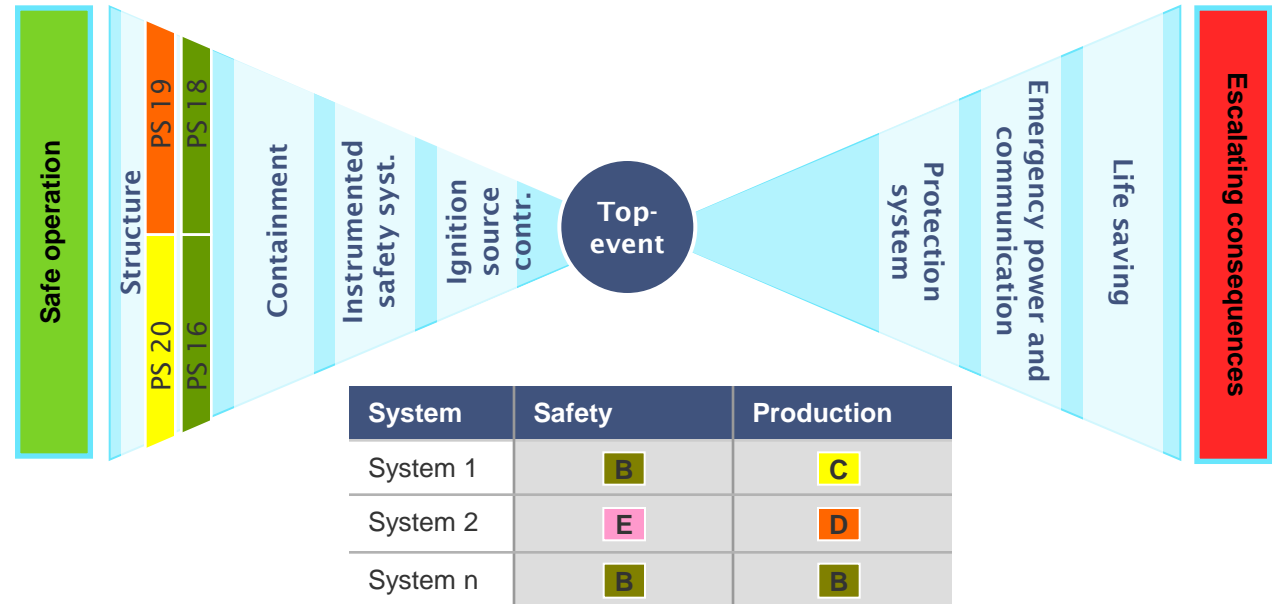


Improved risk understanding and management



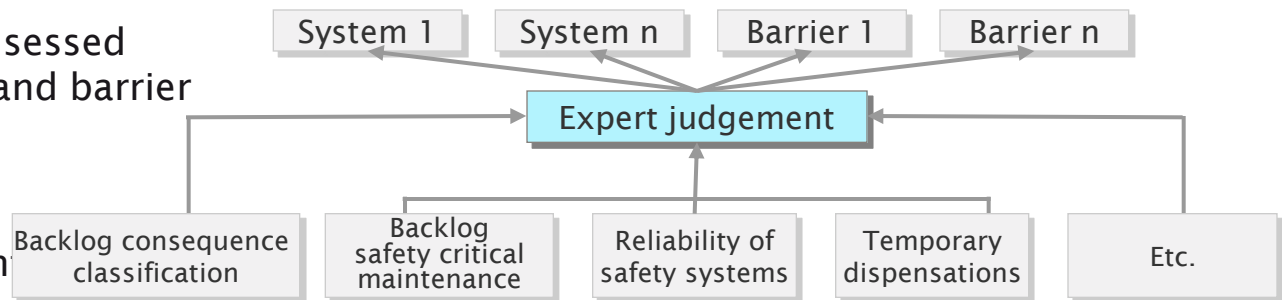
Technical integrity management

A dashboard visualises the status of systems and barriers wrt safety & production



Technical integrity is assessed on equipment, system and barrier level

Indicators form a basis for technical assessment



How will this affect us?



The way forward

- Learn from the best
- Further improvement of most critical processes
- Cooperation with authorities and employees
- Leadership and training



