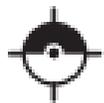


The PSA's role in administering the petroleum sector

Understanding the Norwegian safety regime

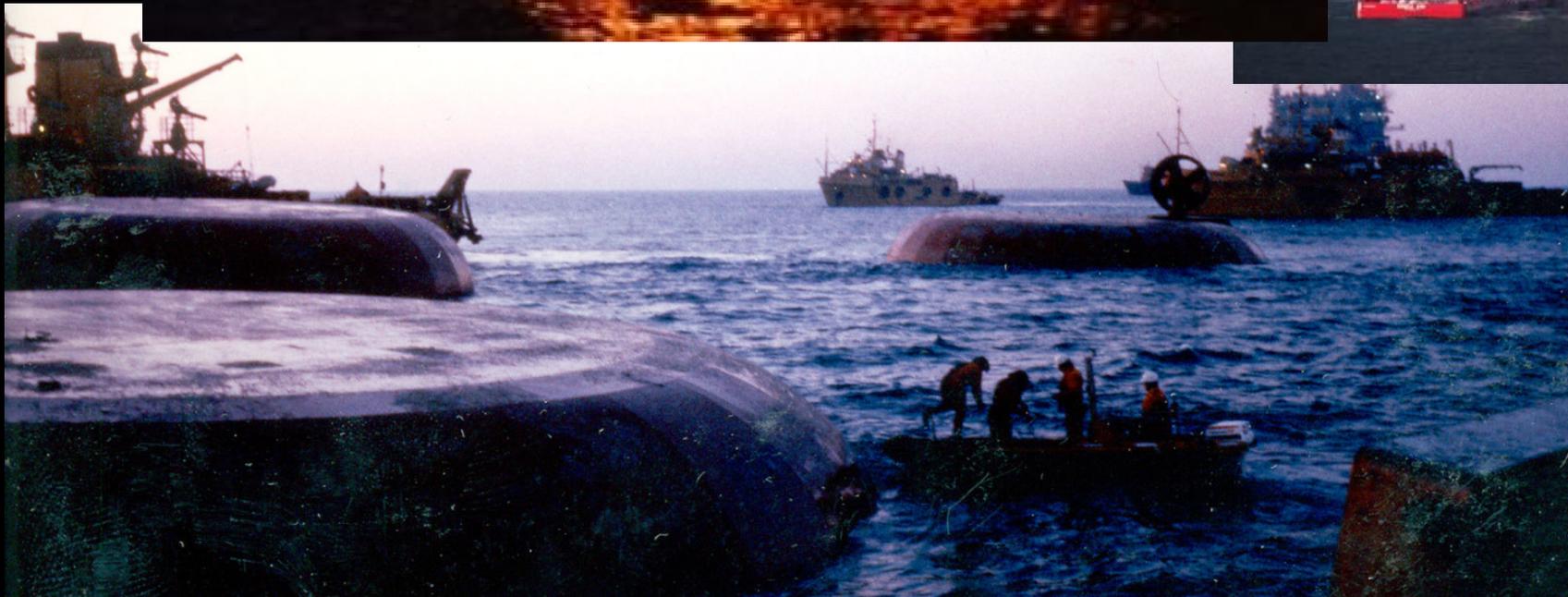
Sigve Knudsen

Director of legal and regulatory affairs



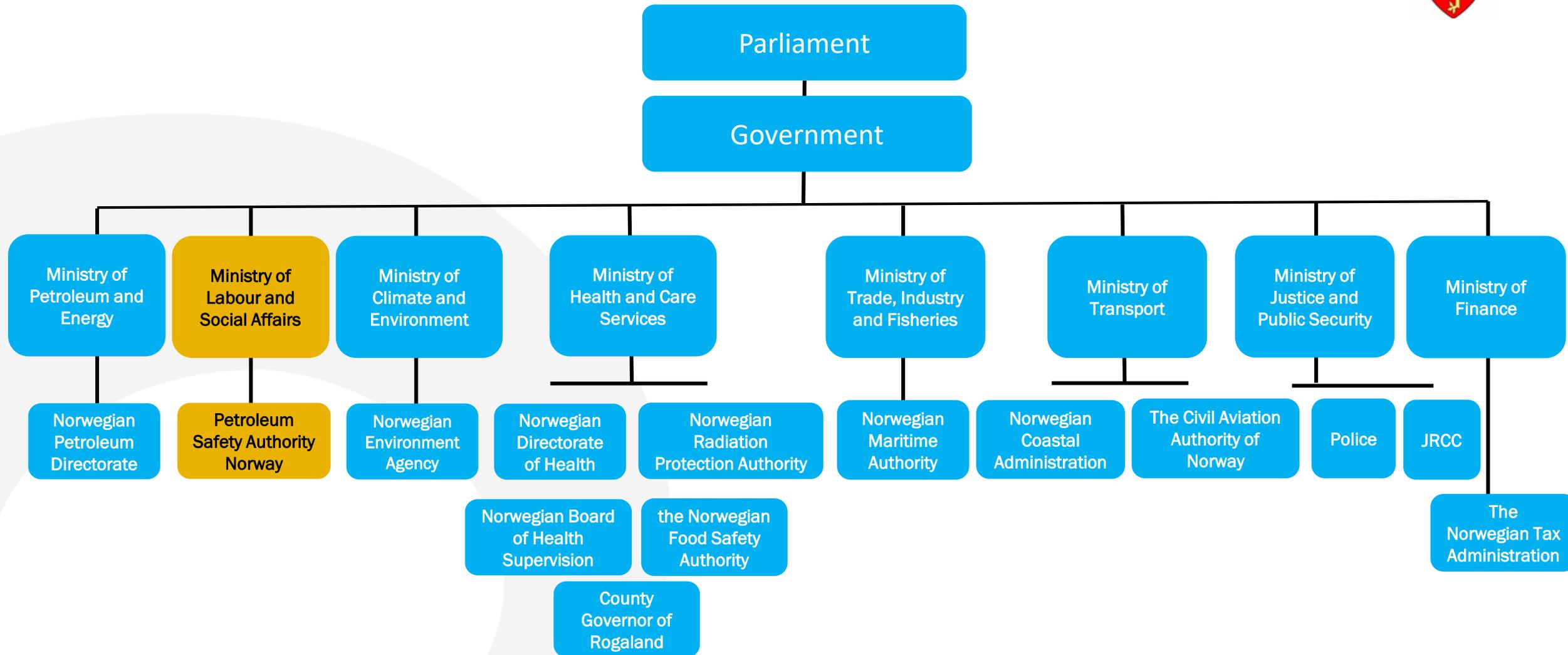
PETROLEUM SAFETY AUTHORITY NORWAY





Film - Piper Alpha 1988

State administration of the petroleum activities



Government administration of Oil and Gas

Health Safety and Environment administration



Resource Management



Petroleum Safety Authority



Norwegian Petroleum Directorate

Overall goal:

The Petroleum Safety Authority Norway will set the terms for and follow up that players in the petroleum industry maintain a high level of health, safety and the environment and emergency preparedness, and thereby also contribute to creating the highest possible value for society.

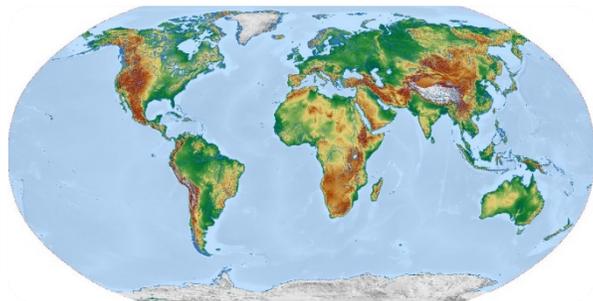
Overall goal

The NPD shall contribute to the greatest possible values from the oil and gas activities to the Norwegian society, through efficient and responsible resource management. Health, safety, the environment and other users of the sea are important considerations in this work.

Governmental ambitions within the HSE-area:

World leading

«The government ambition is that the Norwegian petroleum activities shall be world leading in HSE performance»



PTIL/PSA

Safety of:

1. Personnel
2. Environment
3. Financial values

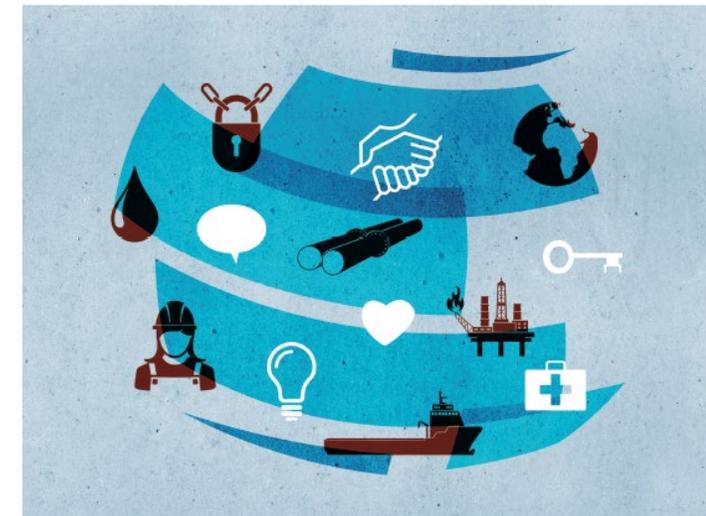


Meld. St. 12

(2017 – 2018)

Melding til Stortinget

Helse, miljø og sikkerhet
i petroleumsvirksomheten



Develop and maintain (renew) regulations

Give professional advices

Follow up industry compliance

Guidance and dissemination of information

PSA Norway acts as both a Directorate and as a Supervisory agency

§

Regulations



Supervision



Technical subjects

Parliament
Government
Ministries

Society at
large

The industry
The parties

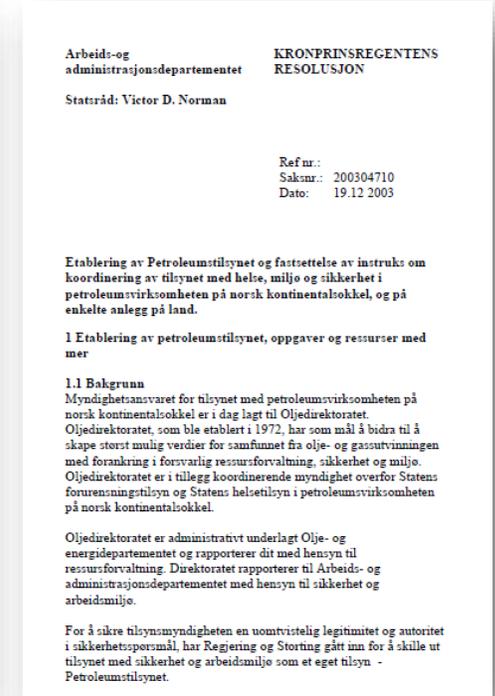
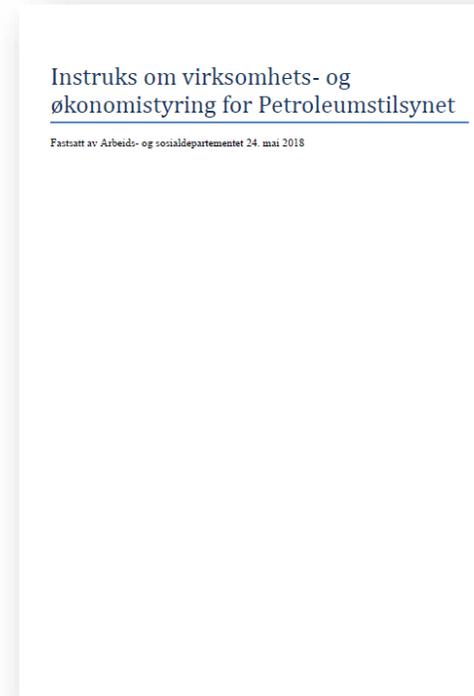
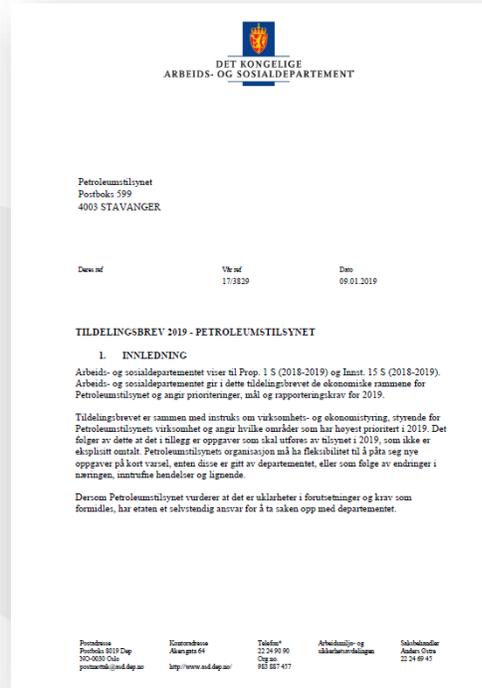
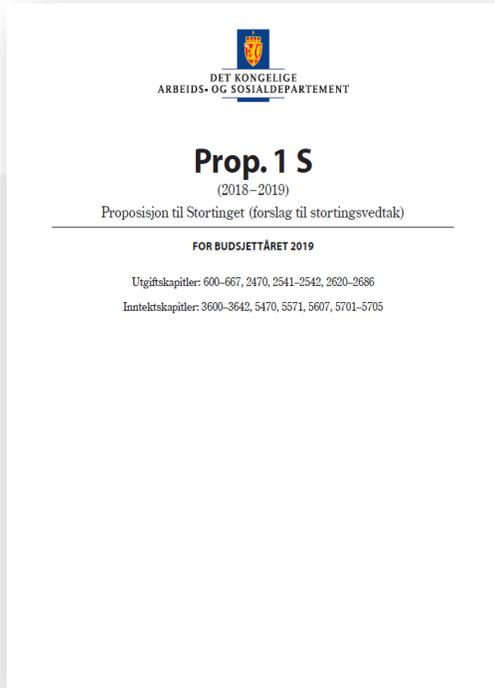
Players in the
O&G business



Prop. 1 S Annual steering letter

Instruction

Resolution



annual

permanent

The primary **guiding principles** for our exercise of authority



Annual steering letter

Objective 3.1

The risk of major disasters in the petroleum sector shall be reduced and kept to a minimum

Objective 3.2

The players in O&G shall improve the performance within preventive working environment, health and safety and ensure sound working conditions

Objective 3.3

Other prioritised tasks (development of knowledge, regulatory development, party cooperation, ICT security and digitization)



Parliament
Government
Ministries

The industry
The parties

Society at
large

**Players in the
O&G business**





About us

Role and area
of
responsibility >

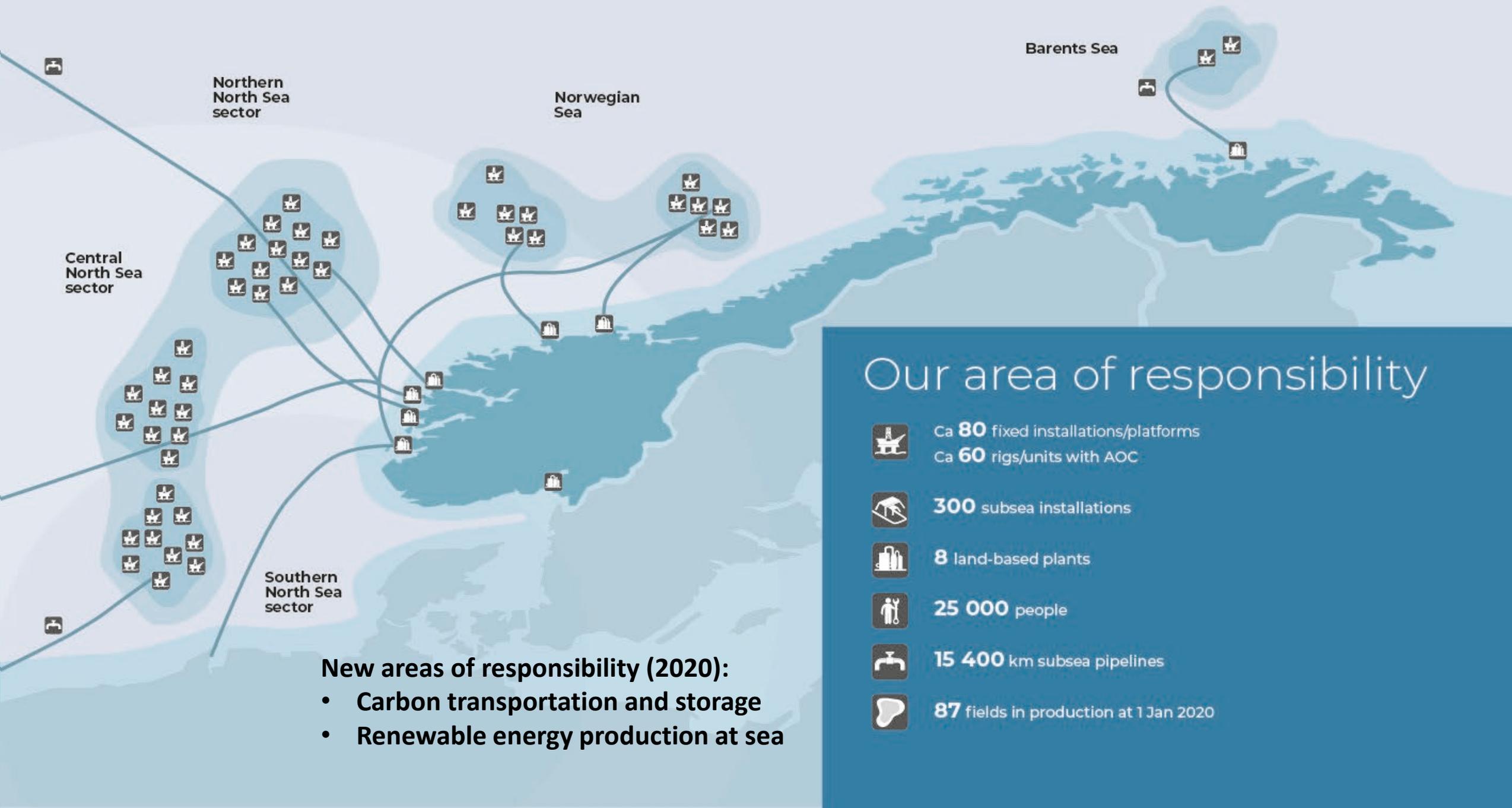
Our
organisation >

> International
collaboration

Job vacancies >

Movie: Who is responsible for the safety?

<https://www.ptil.no/en/about-us/role-and-area-of-responsibility/>



Northern North Sea sector

Norwegian Sea

Barents Sea

Central North Sea sector

Southern North Sea sector

- New areas of responsibility (2020):**
- Carbon transportation and storage
 - Renewable energy production at sea

Our area of responsibility

-  Ca **80** fixed installations/platforms
Ca **60** rigs/units with AOC
-  **300** subsea installations
-  **8** land-based plants
-  **25 000** people
-  **15 400** km subsea pipelines
-  **87** fields in production at 1 Jan 2020

The PSA is staffed and organised to «mirror» the petroleum sector.

We have highly qualified personnel with broadbased skills and leading-edge expertise.

Our expertise

Key disciplines:

- occupational health and safety
- drilling and well technology
- HSE management
- structural integrity
- logistics and emergency preparedness
- process integrity



Organisation



Supervisory activities

Equinor, Offshore activities

Kjell Marius Auflem, head of supervision

Rune Solheim og Tore Endresen, contact person

ConocoPhillips, Shell, Vår Energi, Neptune Energy Norge AS, Lundin, Suncor, OMV

Odd Rune Skilbrei, head of supervision

Leif J. Dalsgaard, contact person

Aker BP, Wintershall DEA, Repsol, Total, Spirit Energy, DNO, Okea, MOL, Wellesley,

ExxonMobil, INEOS, rettighetshavere prekvalifisert som operatør, øvrige rettighetshavere

Erik Hörnlund, head of supervision

Inga Lina Austnes, contact person

Onshore activities, Gassco

Kjell Arild Anfinsen, head of supervision

Espen Landro, contact person

Floating production units and drilling contractors

Irja Viste-Ollestad, head of supervision

Anne Marit Lie, contact person

Other contractors, Petoro

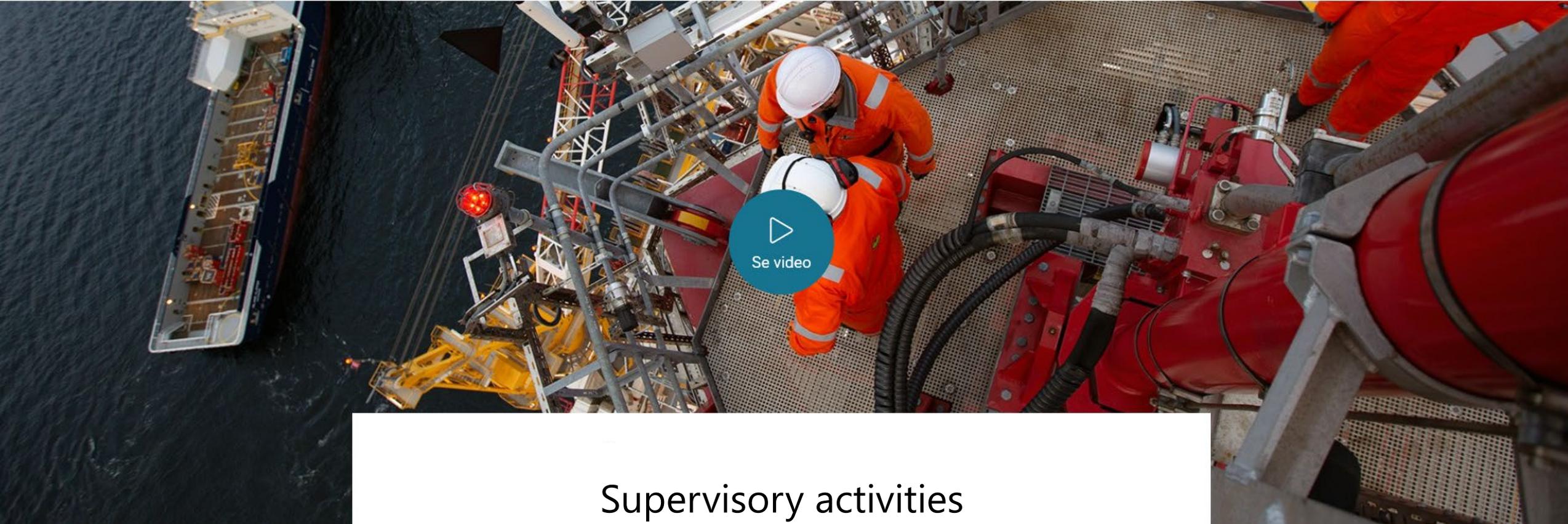
Arne Askedal, head of supervision

Aina Eltervåg, contact person



Organisation





Supervisory activities

Movie: What do we mean with supervisory follow up?

<https://www.ptil.no/en/supervision/audit-reports/about-supervision/>

Principles in the supervisory methodology

- Supervision is directed at the responsibility of the players to comply with the regulations.
- Supervision is exercised in the form of system audits and verifications.
- The scope and content are determined by our overall experience, relevant activities, etc.
- Audit findings are concentrated on improvement points in the enterprise's management systems.



Development of the supervisory strategy

From detailed regulation

specific requirements
inspections
detailed orders.

To management of parameters

performance-based requirements
system-oriented audits
solution-oriented enforcement.



Our policy instruments and enforcement powers

Supervisory strategy



Administrative fine

Shut-down

Coercive fine

Order

Non-statutory instruments

Various forms of dialogue and collaboration



Increasing order of severity



HSE regulations



Regelverk

- These you must know about when acting in Norway!!!

- Joint set of HSE regulations encompassing Safety, The working environment, Health and Environment
- Laws – Regulations – Guidelines – Norms/Standards
- Requirements that describe the purpose and function
- Content and contexts



+ Working environment regulations



Two- and three part collaboration



Special features of Norway's regulatory approach

- **Ensuring the companies are conscious of their responsibility**
- **Tripartite collaboration (companies, unions, government)**
- **Trust and openness**



SAFETY AND
RESPONSIBILITY
**UNDERSTANDING
THE NORWEGIAN
REGIME**

PETROLEUM SAFETY AUTHORITY
NORWAY

Understanding the Norwegian safety regime

Who is genuinely responsible for the safety??

What is the task of the oil companies?

Who is the PSA?

[Download the publication which gives you the answers.](#)

Or order a printed version

margrethe.hervik@ptil.no





Never another major accident

MAIN ISSUE 2020



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