



Cooperation between National
Competent Authorities
responsible for Industrial
Accident Prevention,
Preparedness and Response in
Norway

Mission to support the accession of Georgia
to the UNECE Convention on
Transboundary Effects of Industrial
Accidents

Ms Torill Tandberg

8 November 2023

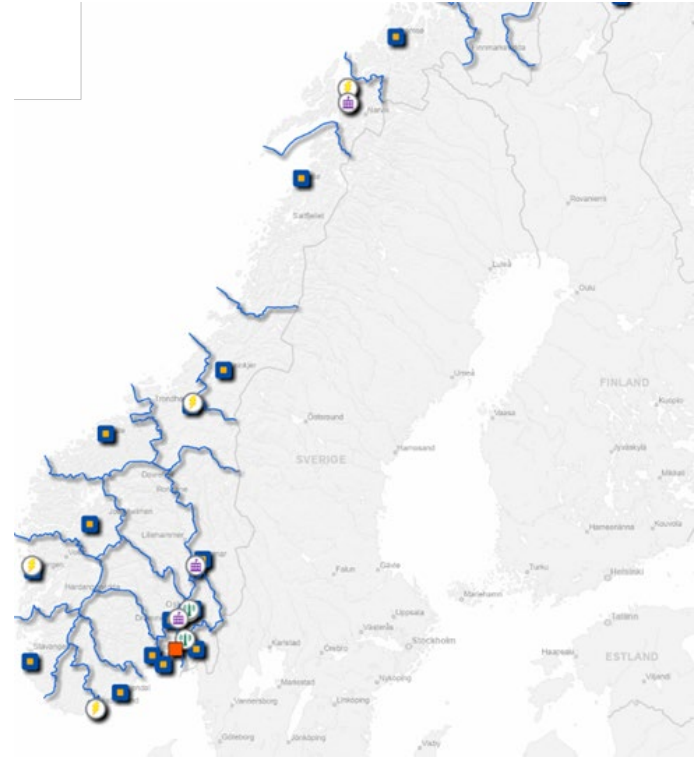
The Norwegian Directorate for Civil Protection, DSB

- Established in 2003
- A merger between three former directorates
- Head Office in Tønsberg, 100 km south west from Oslo
- DSB works under the jurisdiction of the Norwegian Ministry of Justice and Public Security



Norwegian Directorate for Civil Protection, DSB.

- Approximately 700 employees, 300 stationed at Head Office in Tønsberg
- In addition:
 - 20 Civil Defence districts including a training centre
 - The Norwegian Fire and Rescue Academy
 - The DSB College
 - 5 regional electrical safety inspectorates
 - National Emergency Communication System – *Nødnett*



Areas of responsibility

- National Civil protection
 - Focal point UCPM
 - Focal point Sendai Framework
- Local and regional civil protection
- Civil Defence
- National fire protection authority
 - Fire protection and firefighting
- Safe handling of Hazardous substances - safety and security
 - Focal point to the UNECE industrial accidents convention
 - Competent authority to the Seveso III directive
 - National Authority to the CWC
 - Explosives and explosives precursors
 - Transport of dangerous goods
- National Emergency Communication System - Nødnett
- Electrical safety authority
- Individual Safety





Foto: DSB/Sivilforsvaret

The Over All Challenges

- Climate change
- Terrorism
- Health
- Technology
- Trust
- Security Policy Situation
- Migration
- Hybride threats/incidents

- [Analyses of Crisis Scenarios 2019](#)
- [National risk assessment – method and process](#)

Extreme weather “Hans”

- August 2023
- Heavy rainfall, flood, landslides
- 4,000 evacuated
- Severe damage to buildings and infrastructure
- No casualties
- Follow-up: Focus on prevention



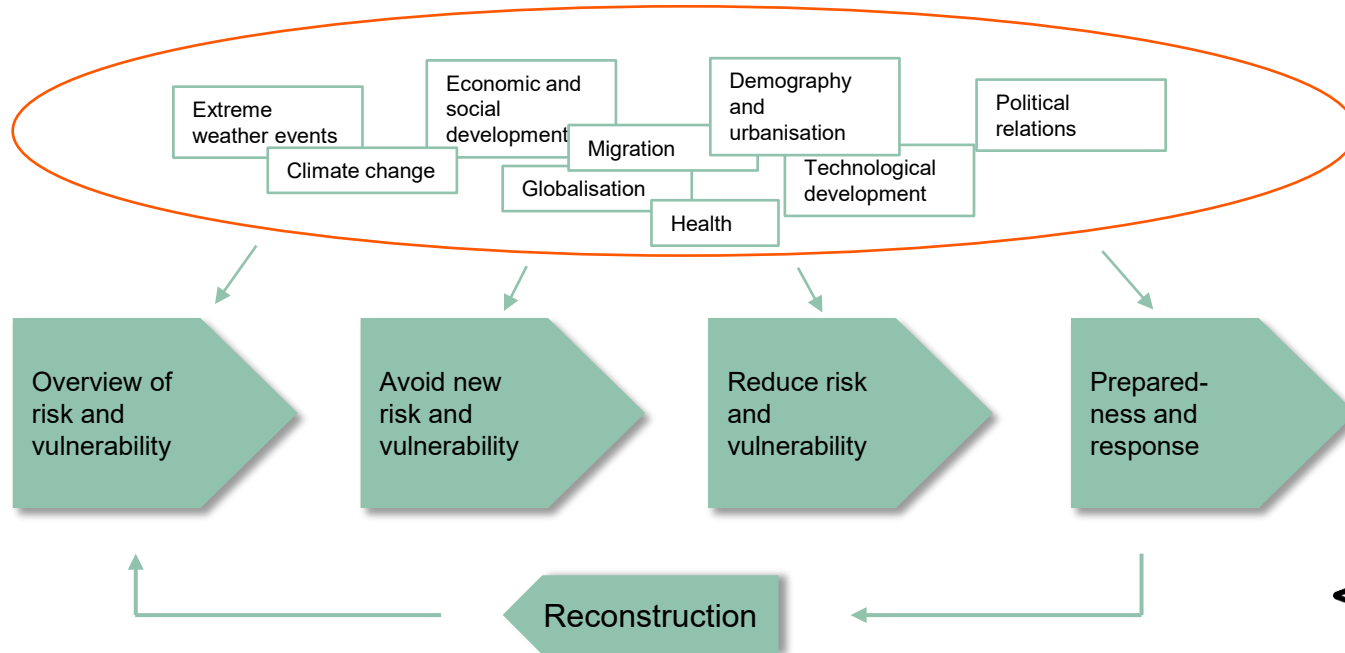
Photo: Helitrans/DSB



Weather forecast for 8 August 2023 (NRK)

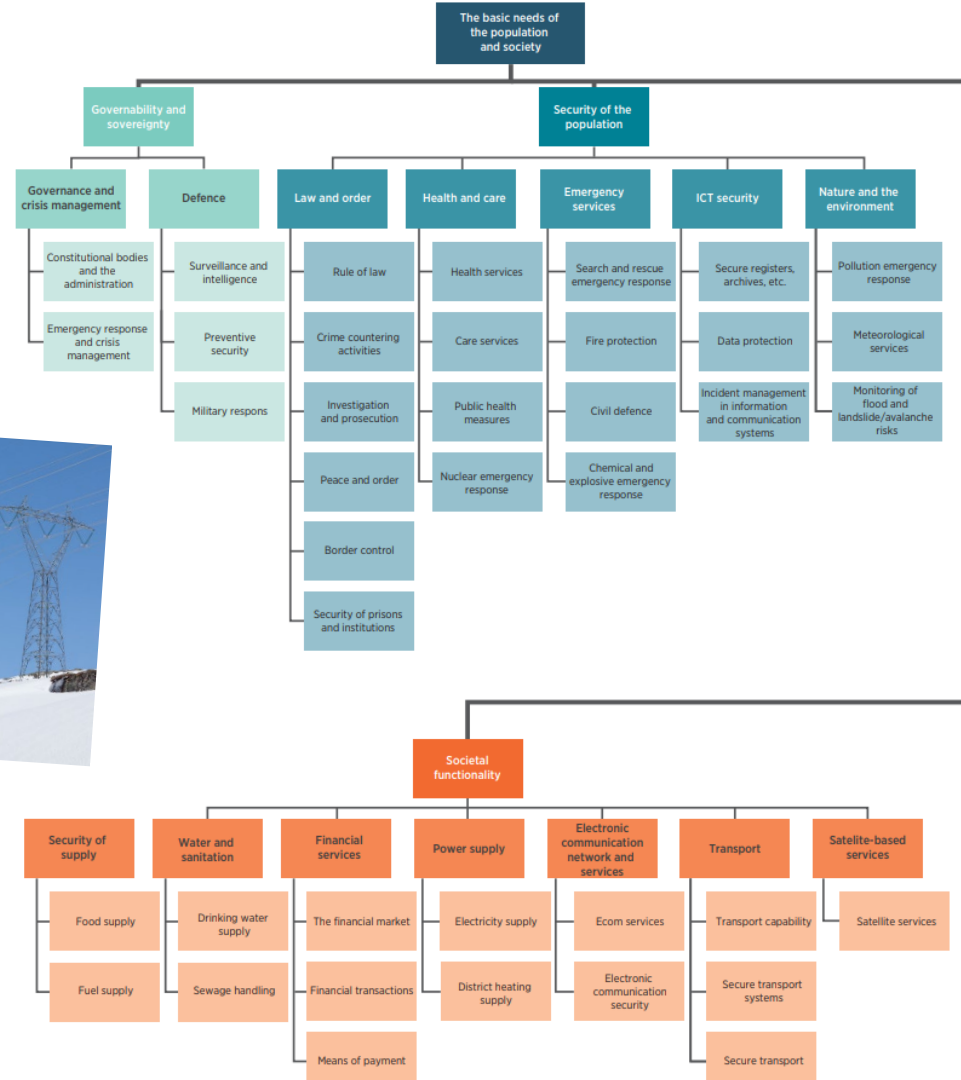
Risk and vulnerability – today and future

– multiple drivers, cascading effects

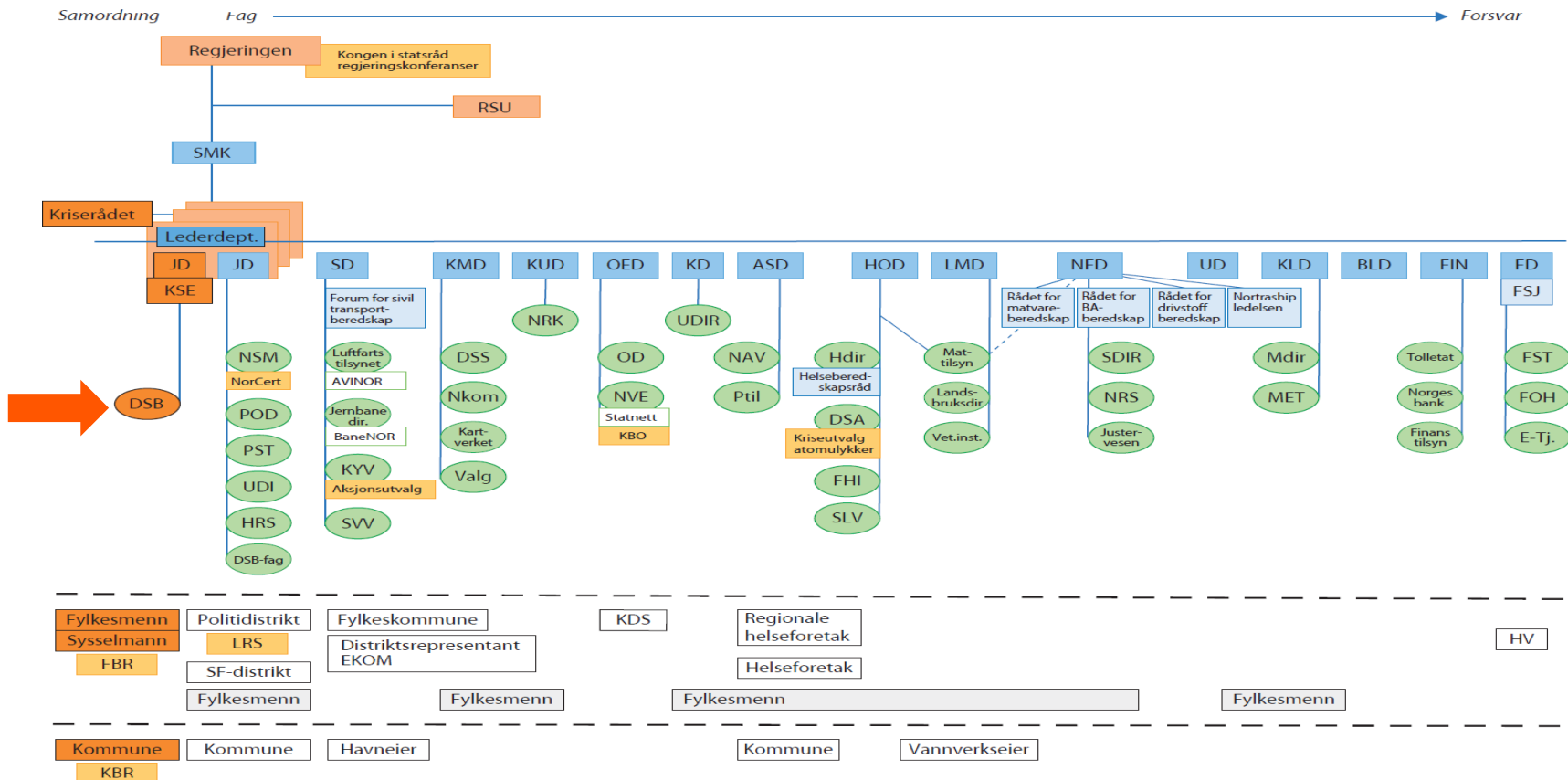


Vital functions in society

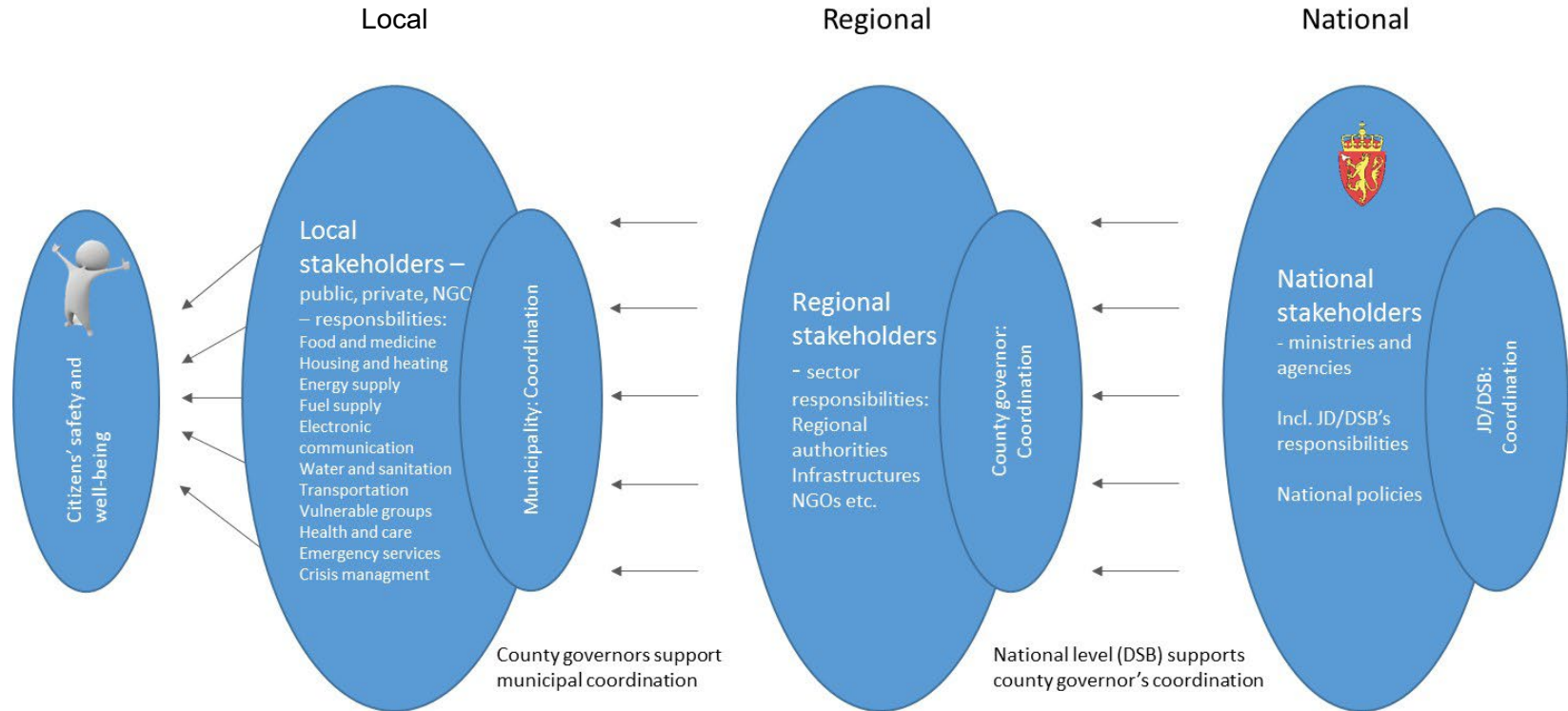
- Which functional capabilities must society maintain at all times?
 - Basic needs of population
 - Societal functions
 - Critical infrastructure
- National level



Coordination – sectors and levels



Societal safety – local, regional and national coordination



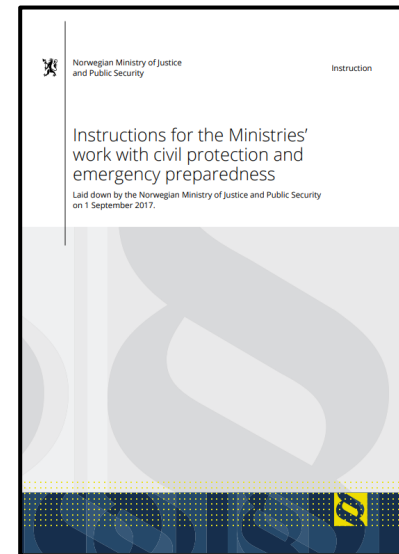


Coordination

- The principle of responsibility. Coordination - both vertically and horizontally - is demanding
- Support work on prevention and preparedness in all sectors and to make resources meet
- Dependent on the involvement of all stakeholders
- Mechanisms: Coordinating authority: MoJ, DSB, County Governors, municipalities

Coordination regime

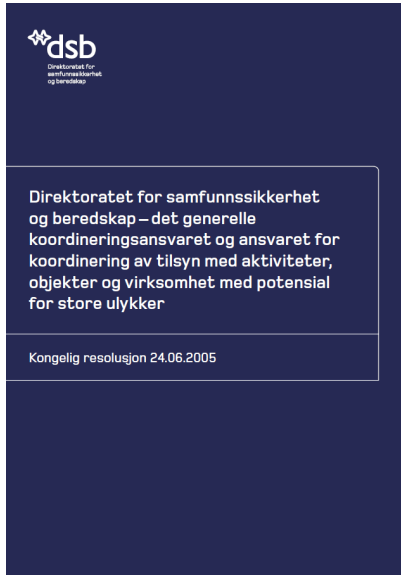
- The Ministry of Justice and Public Security is the coordinating Ministry for public security and emergency preparedness
- Important role for DSB:
 - Bringing together the relevant authorities and resources when crisis occur
 - Exercises
 - Gather the authorities and stakeholders in «times of peace»



[samfunnssikkerhetsinstruks_engelsk.pdf \(regjeringen.no\)](https://www.regjeringen.no/samfunnssikkerhetsinstruks_engelsk.pdf)

Coordination and cooperation in the area of Industrial Accident Prevention, Preparedness and Response

- Seveso Coordination Committee
- Chaired by DSB
- Representatives from five authorities
- Annual reports to the Ministry of Justice and Public Security

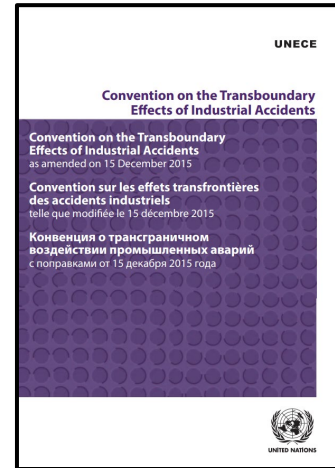


Seveso Authorities – specialized regulation

Authority	Legislation
Norwegian Directorate for Civil Protection	Act relating to the Prevention of Fire, Explosion and Accidents involving Hazardous Substances and the Fire Services (The Fire and Explosion Prevention Act)
Norwegian Environment Agency	Pollution Control Act
Norwegian Labour Inspection Authority	Working Environment Act
Norwegian Industrial Safety and Security Organization	Regulations relating to industrial safety and emergency preparedness (Legal Authority from the Civil Protection Act)
The Petroleum Safety Authority Norway	Act relating to petroleum activities Working Environment Act The Fire and Explosion Prevention Act (on shore activities)

The UNECE Convention on Transboundary effects of Industrial Accidents

- Signed the Convention 18 Sept 1992, and approved 1 April 1993
- No installations or activities capable of causing transboundary effects as defined in the Convention
- The Convention is implemented through five acts
 - Fire and Explosion Prevention Act
 - Civil Protection Act
 - Pollution Control Act
 - Working Environment Act
 - Planning and Building Act



The implementation of the Seveso directive:

- One joint Seveso – regulation in Norway:
 - Legally founded in each authorities' specialized legislation (determined by royal decree)
- In this regulation all duties for establishments are stated
- Duties for authorities are covered in other legislation and/or in authorities' practices:
 - Inspection Duties
 - Reporting to the EU
 - External Emergency Plans
 - Land Use Planning
 - Public Consultation



The Work of the Coordinating Committee

Inspection related:

- Annual planning of Seveso-inspections
- Preparation of long term inspection plans
- Guidance on annual inspection themes
- Preparation of inspection tools for Seveso-inspectors
- Annual conference for inspectors

Other tasks:

- Evaluation of safety reports and notifications, and joint feedback to the establishments
- Identification of domino establishments
- Clarification of technical and legal aspects
- Implementation of Seveso amendments/ revisions from the EU
- National Seveso Conference for establishments

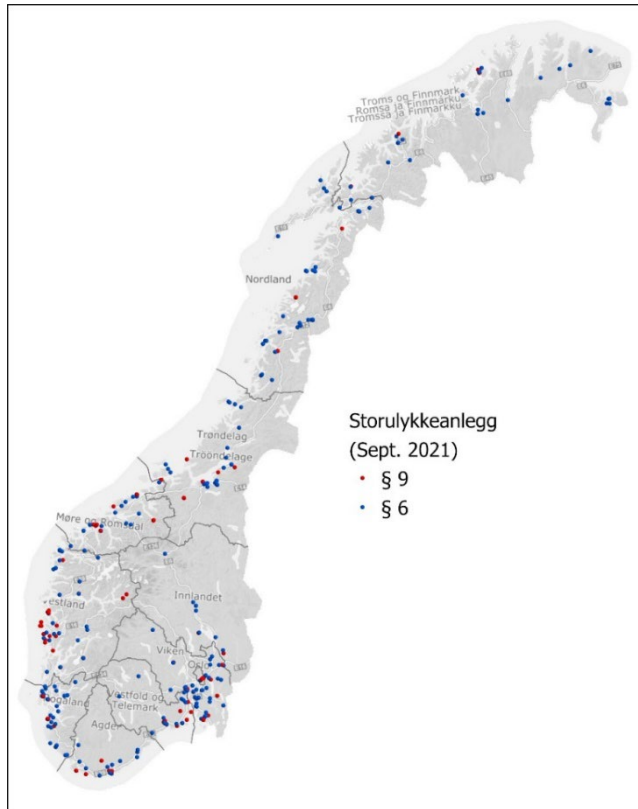


The Secretariat in DSB

- Technical and legal competence
- Administration of the Coordinating Committee
- Responsible for correspondence with establishments.
- Annual summing up of all inspection results
- Reports to the The Ministry of Justice and Public Security
- International follow up Norwegian obligations:
 - Reporting according to the 4-yearly interval to EU and ESA
 - Reporting to the EU databases (eMARS – eSPIRS)
 - Representing Norway in meetings of the Committee of Competent Authorities/ Seveso Expert Group
 - Representing Norway in technical working groups under Seveso.



Seveso sites in Norway



Seveso sites in Norway by October 2023

➤ 96 upper tier

➤ 231 lower tier

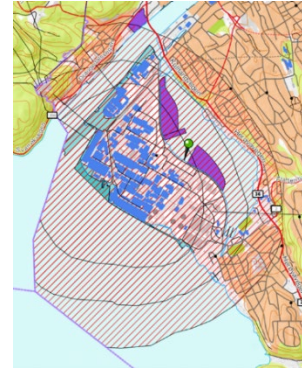
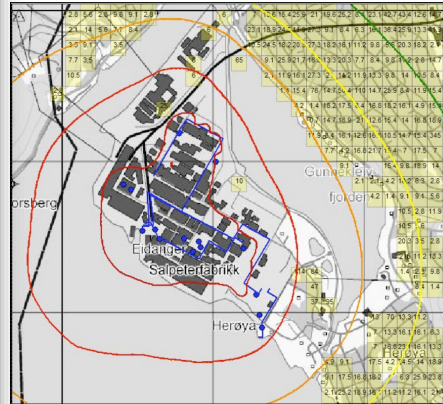
(Hereby a majority approx 80 %, of relatively uncomplicated plants : explosives storage, gas and fuel oil depots)

➤ Seveso sites in appr 140 municipalities

➤ No installations or activities capable of causing transboundary effects as defined in the Convention

Special Challenges

- Land Use Planning
 - The processes from risk contours to consideration zones



Vysus Group

Guidelines for quantitative risk analysis of facilities handling hazardous substances

Revised edition

Report for:
The Norwegian Directorate for Civil Protection (DSB)

Report no: PRJ11100262033/R1 Rev: Final report (English)

Date: 19 November 2021

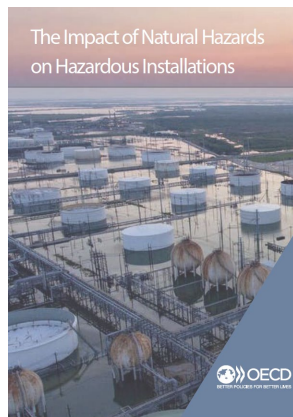
 Norwegian Directorate for Civil Protection

https://www.dsb.no/contentassets/dbd79a7d06e0473bb2d44ba9760cc4a6/prj11100262033_final_report_rev_2021-2.pdf

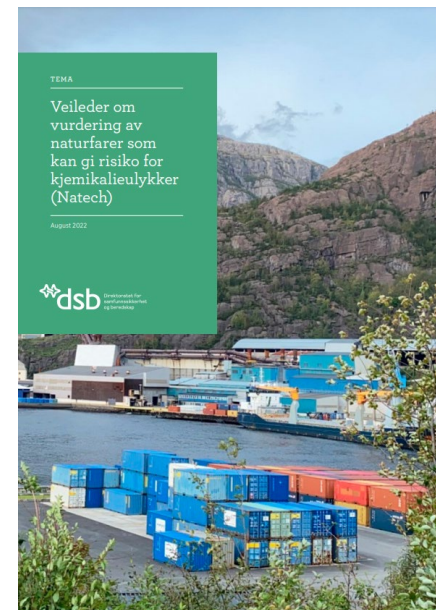
Special Challenges

- Natech Risk Management

The screenshot shows the OECD website page for 'Risks from Natural Hazards at Hazardous Installations (Natech)'. The page features the OECD logo and navigation tabs. The main content area includes a title, a sub-header 'What is Natech?', and a detailed text block explaining the concept of Natech risks. Below the text, there are sections for 'Key events and publications' and 'Partner agencies'. The page is well-structured with clear headings and bullet points.



The screenshot shows the UNECE website page for 'The Industrial Accidents Convention and natural disasters: Natech'. The page has a blue header with navigation links and a 'find out more' button. The main content area includes a title, a sub-header 'What is Natech?', and a detailed text block explaining the concept of Natech risks. Below the text, there are sections for 'Key events and publications' and 'Partner agencies'. The page is well-structured with clear headings and bullet points.

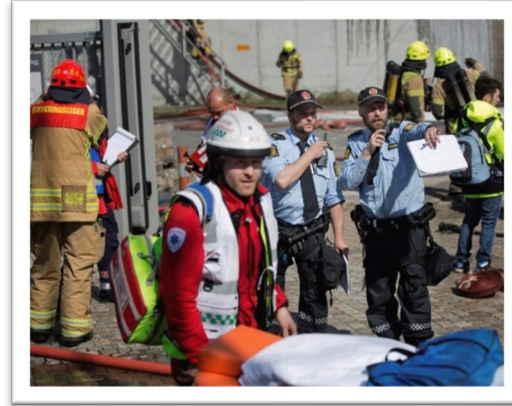


<https://www.oecd.org/chemicalsafety/chemical-accidents/risks-from-natural-hazards-at-hazardous-installations.htm>

<https://unece.org/industrial-accidents-convention-and-natural-disasters-natech>

Special Challenges

- External Emergency Plans
- Inspection resources



1. KONTAKTINFORMASJON

Navn		
Telefonnummer		
Adresse		
Postboks		
Postnummer		
Poststed		
Ansvarlig person		
Telefonnummer		
Adresse		
Postboks		
Postnummer		
Poststed		
Andre opplysninger		

2. GENERELL INFORMASJON

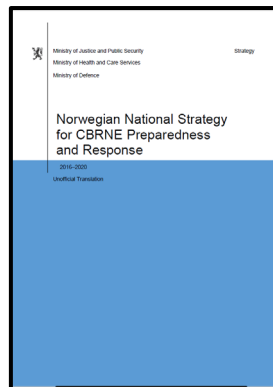
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Telefonnummer		
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Postnummer		
Poststed		
Andre opplysninger		

Other relevant cooperation areas

- Sendai Framework for Disaster Risk Reduction;
Naural Disaster Forum



- CBRNE preparedness and response



Cross sectoral cooperation within CBRNE preparedness and response



Crisis Committee for Nuclear and Radiological Preparedness

Chaired by DSA



National Platform for chemical and explosive preparedness

Chaired by DSB



Crisis Committee for biological preparedness

Chaired by the Directorate of Health



Working together

Cooperation – Collaboration - Communication



Source: Pixabay.com

Thank you for your
attention

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