https://www.og21.no/strategi-og-analyser/og21-strategien-2021/technology-and-knowledge-needs/subsurface-understanding/?downloadChapter=true

INNHOLD

OG21 Strategy - A New Chapter

1. Executive summary
2. The future of petroleu in the energy transitio
3. The nee new tech to impro competit
4. Technolo and knowled needs
   - 4.1 Overvie of technol prioritie for all disciplii
   - 4.2 Safety workin enviro
   - 4.3 Enviro and greenh gas emissi
   - 4.4 Subsu unders

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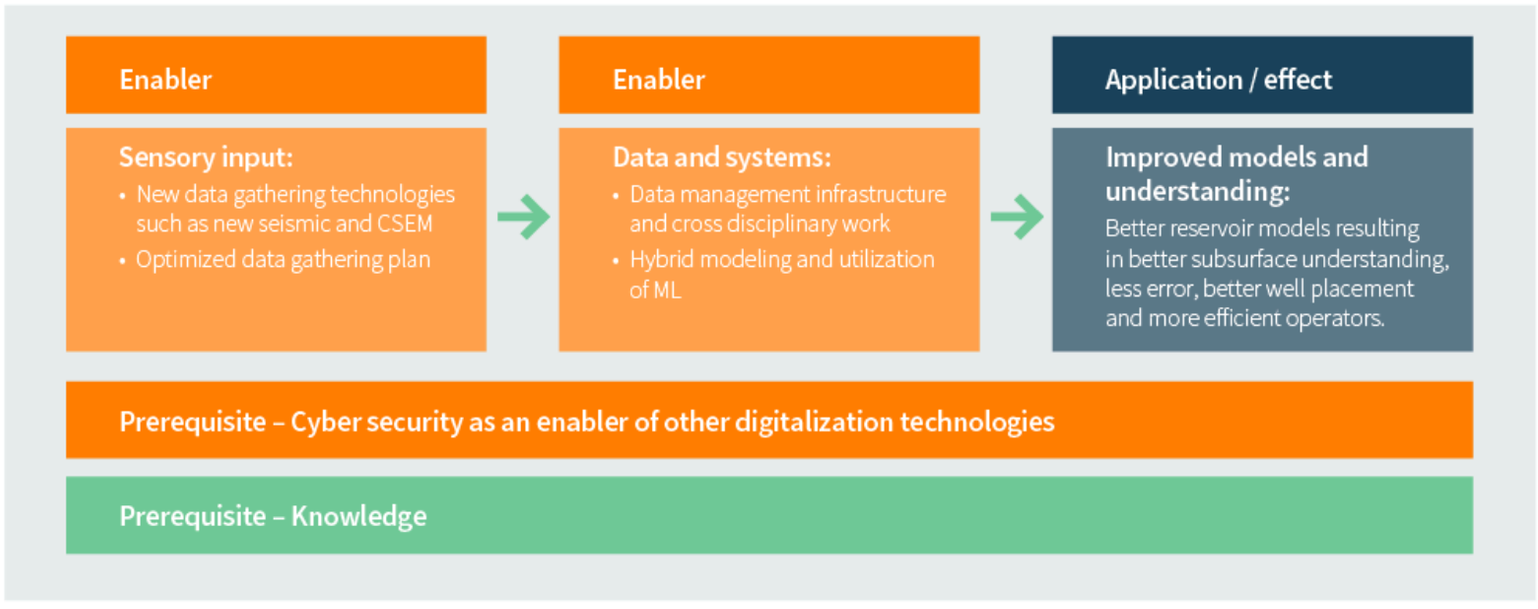
Subsurface understanding

The prioritized technology and knowledge areas for TG2 are:

- Offshore CO_2 storage and late life deposits.
- Data acquisition for subsurface understanding and models.
- Data management for subsurface understanding and models.
- Subsurface understanding and models.
- Water management.

The "data acquisition" and "data management" technology areas, described in detail on the next pages, are enablers for the "subsurface understanding and models" tec area. This is shown in the figure below.

Figure 43. Data acquisition and management enable improved subsurface understanding and models



The TG2-prioritized technology areas are important for all the competition indicators described in Section 3.

For instance, the improved subsurface understanding and models, building on data acquisition and the management related to it, will provide the fundament for:

- Finding and maturing new resources.

4.5 Drilling
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- Cost-efficient reservoir drainage.
- Safe and cost-efficient drilling.

Offshore CO_2 storage has, in addition to receive and store large amounts of CO_2 from industry sources in Norway and abroad, the potential to extend the lifetime of fiel beyond the cessation of O&G production.

Improved water management will lead to significant reductions in water cycling, and thereby lower emissions from power generation. It is also expected that improved w management will accelerate HC production and yield higher resources by a more efficient reservoir drainage, as well as savings related to less energy consumption for processing of both injection and produced water.

CASE - TG2

Retrofit MLT and through tubing drilling



Subsurface understanding - prioritized technology and knowledge areas

→ Forrige side

→ Ne

Meldinger ved utskriftstidspunkt 24. november 2026, kl. 14.05 CET

Det ble ikke vist noen globale meldinger eller andre viktige meldinger da dette dokumentet ble skrevet ut.