

## **Info Day – The Ocean of Tomorrow**

StatoilHydro's interest in call

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## IPCC Special Report on Carbon Dioxide Capture and Storage

Quote from Technical Summary:

” Careful storage system design and siting, together with methods for early detection of leakage (preferably long before CO<sub>2</sub> reaches the land surface), are effective ways of reducing hazards associated with diffuse leakage”

An aerial photograph of an offshore oil platform in the ocean. The platform is a complex of steel structures, including a large central processing deck and several smaller satellite structures connected by walkways. A prominent yellow arrow points downwards from the central processing deck towards the water surface, indicating a wellhead or a point of interest. In the bottom right corner, a red supply vessel is visible on the water.

**That is: Leakage of CO<sub>2</sub> from properly selected, designed and operated storage sites should not be expected to happen.**

**But: What if it did?**

## OSPAR and London conventions allow geological CO<sub>2</sub> storage below seabed

- -but require for any approval or permit that a risk management plan is made, including i.a.
  - Monitoring in the operation and post-closure phases



StatoilHydro recognize the need for better knowledge of potential impacts on marine ecosystems by eventual CO<sub>2</sub> leakage to the seabed, as well as for developing good monitoring methods

## SINTEF Sealab – Pressure tank for Deepwater environmental testing



Work has already started!