YINSON Production

DIRECT AIR CAPTURE

YINSON PRODUCTION'S LOW-CARBON ENERGY INITIATIVES:
SHAPING A MORE SUSTAINABLE FUTURE

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Direct Air Capture

Yinson Production is collaborating on the development and deployment of megaton-scale Direct Air Capture projects for CO_2 storage, a first in our sector.

Direct Air Capture involves removing CO_2 directly from the atmosphere using an engineered technology, and permanently storing it so that it no longer contributes to global warming. The amount of CO_2 removed from the atmosphere could be used to generate carbon credits, providing an offset pathway for hard-to-abate industries.

Direct Air Capture, as part of the overall Carbon Capture and Storage strategy, is a key pillar of our climate target, which is to become a net-zero emissions energy business by 2050.

About Yinson Production

Yinson Production is one of the world's leading Floating, Production, Storage and Offloading (FPSO) contractors, with a strong commitment to sustainability and the environment. Yinson's Climate Goals are to be carbon neutral by 2030 and net zero by 2050.

We are committed to pioneering the development of new innovative solutions that can pave the way for the decarbonisation of the energy sector, resulting in a cleaner and more sustainable future for all.

Yinson Production invests in Direct Air Capture Business

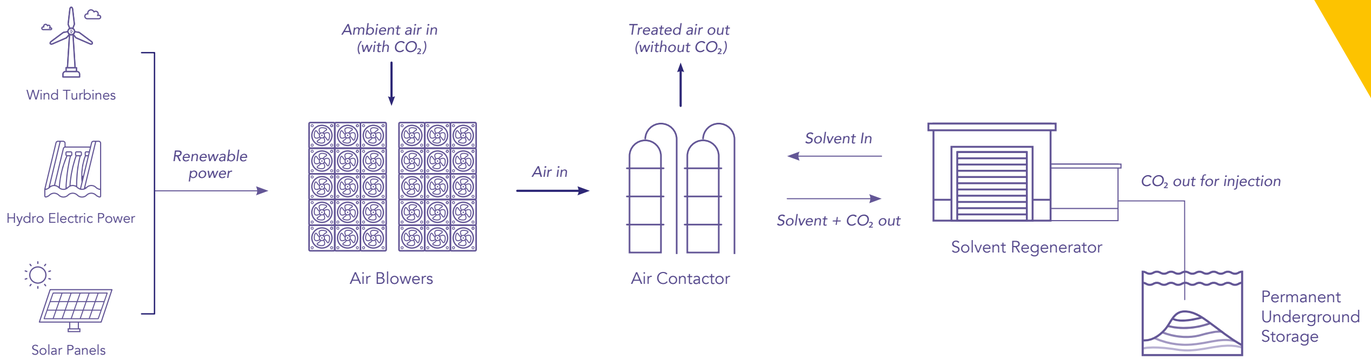
Yinson Production has invested in Carbon Removal AS, a Norwegian Direct Air Capture project development company. The goal is to develop and operate a portfolio of Direct Air Capture plants in Norway and around the world.

Our first Direct Air Capture plant, planned for development at Øygarden on Norway's west coast, aims to capture 500 kt of CO_2 per year from the air and permanently store it in offshore saline aquifers. The proposed site for this plant is adjacent to the Northern Lights Onshore CO_2 Receiving terminal, which is currently under construction. The ability to share CO_2 transport and storage facilities with Northern Lights infrastructure is the primary advantage of this Direct Air Capture plant.

The Direct Air Capture plant's target production start is in H1 2029.

KEY FACTS

Capture CO_2 from Air	Yes	
Planned use / storage of CO_2	Geological long-term storage	
Expected amount of captured CO_2	500 kt CO_2 per year	
Amount of CO_2 expected to be captured over the facility's lifetime (25 years)	12.5 million tonnes	
Technology principle	Solvent based / absorption and regeneration process	
Licensed Process Design	Concept 1	Concept 2
Technology Readiness / maturity Level	TRL 7 - 8	TRL 6 - 7
Heat Energy requirements to regenerate the solvent by using natural gas combustion with carbon capture	Required (to supply high temperature heating up to 900°C)	Not required
Electrical Power requirements	Low	Moderate
Current Status: Front-end Planning Phase 1 (Opportunity Identification and Assessment)	Completed	In Progress



As pioneers in this field, we are continuously learning and innovating.
Our commitment to delivering an impactful and engineered solution to mitigate climate change drives us forward.