



**Press release**

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**Nexans has been awarded the production of the world's deepest direct electrical heating (DEH) system by Subsea 7 for Chevron's affiliated operated Lianzi field offshore Angola/Republic of Congo**

*The Lianzi development will include the world's deepest installation of Direct Electrical Heating (DEH) system of subsea production pipelines. The Nexans developed, field proven DEH solution provides eco-friendly and cost-effective flow assurance for subsea production pipelines. The contract value is approximately 25 million Euros.*

**Paris, May 6, 2013** – Nexans, a worldwide expert in the cable industry, has been awarded a 25 million Euro contract by Subsea 7, a global leader in seabed-to-surface engineering, construction and services to the offshore energy industry, to design and manufacture the direct electrical heating (DEH) system for the subsea pipelines serving the Lianzi oil field development located in a unitized offshore zone between the Republic of Congo and the Republic of Angola. The Lianzi field is operated by Chevron Overseas (Congo) Limited.

The Lianzi fields tie back to the Benguela Belize Lobito Tomboco (BBLT) platform located in Angola Block 14. With a water depth between 390 and 1,070 meters, this will be the world's deepest DEH system.

The contract with Subsea 7 covers the delivery of a complete DEH system, including DEH Riser Cable, Armored Feeder Cable, a 43 km long Piggyback Cable and all associated accessories for connection to the pipeline that will connect the Lianzi Development Project subsea facilities with the BBLT platform. The Piggyback Cable incorporates Nexans' field proven Integrated Protection System (IPS).

Direct electrical heating (DEH) is a technology for flow assurance, developed to safeguard the wellstream through the pipeline to the platform. Alternating current (AC) transmitted from the DEH cable runs through the steel in the pipe, which heats up due to its own electrical resistance. By controlling the current, the pipeline inner wall can at all times be maintained above the critical temperature for wax and hydrate formation. The DEH system eliminates the need for chemical injection, pressure evacuation or other flow assurance methods that might have environmental or operational challenges. DEH allows the pipeline to be operated in a cost efficient and environmentally safe manner.

*"This latest project with Subsea 7 is a further confirmation of Nexans' position as the prime supplier for the development and implementation of DEH systems," says Eldar Ystad, Sales Manager DEH systems, Nexans. "Over the past 15-20 years, Nexans has supplied 19 out of the 20 pipelines operating with DEH systems."*

The cables for the Lianzi DEH system will be manufactured at the Nexans factory in Halden, Norway, for delivery during the summer of 2014.

As a result, problem free and reliable transportation of hydrocarbons is achieved.

## **About Nexans**

With energy at the basis of its development, Nexans, worldwide expert in the cable industry, offers an extensive range of cables and cabling solutions. The Group is a global player in the energy transmission and distribution, industry and building markets. Nexans addresses a wide series of market segments: from energy and telecom networks to energy resources (wind turbines, photovoltaic, oil and gas or mining...) to transportation (shipbuilding, aerospace, automotive and automation, railways...).

Nexans is a responsible industrial company that regards sustainable development as integral to its global and operational strategy. Continuous innovation in products, solutions and services, employee development and commitment, customer orientation and the introduction of safe industrial processes with limited environmental impact are among the key initiatives that place Nexans at the core of a sustainable future.

With an industrial presence in 40 countries and commercial activities worldwide, Nexans employs 25,000 people and had sales in 2012 of 7.2 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A.

For more information, please consult: [www.nexans.com](http://www.nexans.com)

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