



Fuglesangs Subsea and RuhRPumpen partner to significantly reduce costs and increase performance of seabed pumping systems

Norway's Fuglesangs Subsea (FSubsea) and the German pump company RuhRPumpen have announced a collaborative agreement to develop advanced subsea centrifugal pump solutions. The two firms have joined forces to serve oil & gas customers with a range of innovative, cost-effective, and flexible seabed boosting and injection systems. The subsea equipment will be designed to provide enhanced performance, exceptional durability, and significantly reduced costs.

The strategic alliance is welcome news for a sector facing constrained economic conditions. RuhRPumpen and FSubsea initiated the move to anticipate the changing priorities of customers, as subsea field developers are seeking more profitable brownfield and greenfield subsea oil & gas fields by increasing standardization efforts.

The partnership leverages FSubsea's subsea pump system expertise (their "Seal-Less" and "Topside-Less" technology portfolio) with RuhRPumpen's more than 65 years of experience in oil & gas pump development and manufacturing.

Initially the two companies will focus on "Seal-Less" and "Topside-Less" subsea pumps for injection and boosting applications. The "Seal-Less" technology removes dynamic shaft seals in subsea pumps. This move reduces equipment costs as customers no longer need expensive hydraulic umbilicals or subsea barrier fluid systems, both commonly found in subsea boosting systems. Removing the seals also adds the benefit of improved reliability as seals and barrier fluid systems are costly and traditionally a cause of pump failures.

The "Topside-Less" technology removes the requirement for a topside hydraulic power unit (HPU) and topside variable frequency drive (VFD). A key part of this technology is a subsea variable speed control integrated into the pump itself. As topside space on platforms and rigs comes at a premium, this reduction in space is a major milestone for the industry.

Cesar A. Elizondo, CEO for RuhRPumpen, commented: "This new collaboration is an exciting development for the Oil & Gas industry and it demonstrates our responsiveness to changing market conditions. RuhRPumpen and Fuglesangs Subsea AS have the technology, engineering experience, and global footprint to deliver innovative solutions to save our customers money and enhance equipment performance. We are looking forward to working closely together and seeing the benefits our joint approach provides to subsea field developers."



About Fuglesangs Subsea AS

Fuglesangs Subsea AS was created as a subsea technology spin-off from Fuglesangs AS, established in 1916. The subsea company builds on the former parent's more than 34 years' experience working with challenging pumping and sealing applications in the subsea, mining, offshore, naval submarine and specialty process markets. The company have a strong team who has delivered more than 30 pumps designed for the deep seas. The company's involvement includes in several subsea pump qualification projects involving oil service companies and western oil majors. One of the key projects include qualifying the world's first seal-less subsea process pump. More information: www.fsubsea.com

About RuhRPumpen

RuhrPumpen is an innovative and efficient centrifugal pump technology company with more than 65 years of experience with excellence in oil & gas pump development and manufacturing. RuhrPumpen offers a complete and high quality range of API pumps, ANSI pumps, Fire Pump Packages, Decoking Systems, and related products. RuhrPumpen is committed to worldwide excellence in supporting core markets which are Oil and Gas, Petrochemical, Power, Heavy Industry Applications, Mining, and Water. RuhrPumpen is vertically integrated with our own foundry, fabrication shops, machine shops, 10 manufacturing facilities, and 11 Service Centres strategically located around the world. For More Information please visit www.ruhrpumpen.com