Member news Member news



Howden secures compressor contract for Iraq Mainoon oilfield

Global provider of mission critical air and gas handling products, technologies and services, Howden, has secured a contract with Azku Global Services, part of the Khudairi Group. Howden will supply two screw compressor packages to the Majnoon oilfield, near Basrah, Iraq.

The Mainoon oilfield is one of the world's richest oil reserves, holding the equivalent of 38bn barrels of oil. Howden's innovative technology will enable the site operator to realise its decarbonisation goals, while continuing to tap into the abundant oil reserves.

Howden's state-of-the-art screw compressors packages will be installed in Majnoon oilfield's flare gas recovery system. Waste gas will be recovered and treated to deliver safe, usable fuel gas, saving energy and minimising carbon emissions. With Howden's compressor solution, Majnoon oilfield will save 42,242 tonnes of carbon emissions per year - the equivalent of annual fossil fuel emissions for 9.100 cars.



Johnson Matthey to accelerate the deployment of low carbon solutions

Johnson Matthey (JM), a leader in sustainable technologies, is collaborating with ClimeCo, a global climate solutions company, to accelerate the deployment of enhanced carbon capture solutions for industry. Under an MoU, the two companies will help synthesis gas (syngas) producers, initially in hydrogen and methanol, to build the business case for reducing CO2 emissions from existing processes by up to 95%.

Combining JM's unique skills in technology development and deployment with ClimeCo's expertise in ESG strategy and regulatory analysis will enable syngas producers to make immediate progress on complex carbon issues by supporting project economics development, de-risking the business case for decarbonisation projects, and providing a mechanism to create validated CO₂ emissions reductions and creating compliance credits in many government-backed carbon markets. Together, they will empower customers to make informed decisions on allocating capital for the deployment of JM's CLEANPACE™ solutions, accelerate emissions reductions, and futureproof their plants against the rising costs of carbon.

Syngas producers are responsible for approximately 70% of CO2 emissions in the chemicals sector. The opportunity for JM's low carbon solutions to deploy existing technology to over 150 grey hydrogen plants in Europe and North America alone, could reduce CO₂ emissions by over 100m tons per year by 2030. This is an addressable market of £1-2bn and Low Carbon Solutions is a key growth driver for JM.



Petroplan expands into Asia Pacific and appoints regional director

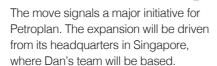
Specialist energy talent acquisition group Petroplan has appointed Daniel Torpy as regional director for Asia Pacific to initiate its new strategy to expand into the APAC region.

Dan will be responsible for building out the regional infrastructure, developing key strategic accounts in the Asia Pacific region, and driving business expansion in Singapore, Malaysia, Indonesia and Thailand.



With a new regional hub in Singapore, we will start an exciting new era as we accelerate our rate of growth, building on Petroplan's core competencies with a focus on diversifying from oil and gas into renewables.

Daniel Torpy, Regional Director for APAC, Petroplan



The Group will initially focus on the marketplace in Malaysia, and quickly develop opportunities in other regional markets, in particular the significant number of renewable projects as well as traditional oil and gas markets. The renewable sector offers a wealth of opportunity, with an expected record annual growth rate of 22% in Indonesia over the next five years.

Once established across the APAC region, Petroplan will expand its operations into Australia within 12 months. This will enable the Group to take advantage of current high levels of investment in the country's renewable energy sector.



Proserv acquires stake in power system monitoring expert Synaptec

Global controls technology company Proserv has acquired a minority stake in Glasgow based power system monitoring expert, Synaptec, with whom it had initially formed a strategic alliance in October 2020 to drive forward the innovation of disruptive condition-monitoring technologies for the energy sector.

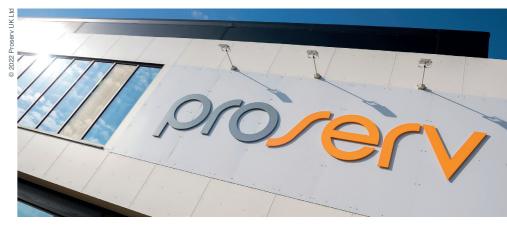
A technology consortium led and driven by Proserv, including Synaptec and subsea power cable engineering and consultancy specialists BPP Cable Solutions, with initial support from the Offshore Renewable Energy Catapult (OREC), has collaborated to innovate the pioneering holistic cable monitoring system, ECG™, for the offshore wind segment.

Proserv's ECG utilises Synaptec's passive electrical and mechanical instrumentation systems, integrating its unique distributed electromechanical sensors, or DES, as a key element. The potential capabilities of ECG, regarding real-time monitoring and predictive insights, saw it receive £1m development funding from Innovate UK in 2021, alongside industrial sponsorship from ScottishPower Renewables and Equinor.

The technology has won a landmark contract on phases A and B of the vast Dogger Bank wind farm and will be demonstrated on Equinor's floating Hywind Scotland wind farm this year.

Synaptec is one of several technology disrupters and start-ups with whom Proserv has recently forged alliances, including data analytics firm Intelligent Plant and real-time optimisation innovators Ortomation. These moves reflect Proserv's collaborative philosophy towards innovation, as well as its strategic roadmap to pivot its business to the needs and priorities of the evolving energy transition.





Sandvik Materials Technology to be re-named Alleima™

Alleima is a leading manufacturer of high value-added products in advanced stainless steels and special alloys as well as products for industrial heating. Its origins date back to 1862 and the foundation of the company Sandvikens Jernverk by Göran Fredrik Göransson, a pioneer in using the Bessemer method for steel production on an industrial scale.

Based on long-term customer partnerships, Alleima advances processes and applications in the most demanding industries through unique materials that are lightweight, durable, corrosion-resistant and able to withstand extremely high temperatures and pressures.

With more than 900 active alloy recipes, Alleima's offering comprises products for several segments, mainly seamless tubes for the energy, chemical and aerospace industry, precision strip steel for white goods compressors, and air conditioners.

Sustainability is present in all aspects of its operations and is an integral part of its commercial strategy. Alleima's product offering enables the transition to renewable energy sources, electrification of industries, innovation in the medical sector and much more.

Alleima, with headquarters in Sandviken, Sweden, and revenues of SEK13.8bn (€1.26bn) in 2021, has more than 5,500 employees and customers in 90 countries.









