

News Release

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## **Global Produced Water Treatment Market Worth \$4.3 Billion Over Next Five Years According To New Douglas-Westwood & OTM Consulting Research**

According to new research unveiled today by OTM Consulting and Douglas-Westwood, the total market opportunity for final stage produced water treatment systems is approximately \$4.3 billion over the next five years. “The Produced Water Gamechanger Report 2010 – 2014,” also reveals that the market for topside produced water reinjection, which is emerging as the preferred method of water management, is around \$9.8 billion over the same period.

In addition, the report identifies a range of other new technologies that can help operators deal successfully with produced water – including treatment, minimisation, separation and even re-use. It also examines a wide range of factors including target and actual site production rates, production chemistry and reservoir characteristics such as geology that have a major impact on the way in which produced water is managed.

“The pressure on operators to manage produced water is growing considerably – and will continue to do so in the future,” explains Saif Rahman, Senior Consultant, OTM Consulting Ltd. “Our research from within the operator community itself shows that environmental and pollution regulation at local, regional or national levels is the main reason for their interest in the technology and the principle driver for innovation within the sector. “

The report provides detailed forecasts on market opportunities and growth potential for key produced water treatment equipment and technologies. In addition, it includes a selection of case studies that describe actual produced water projects undertaken by operators – including Chevron’s application of compact flotation units at its Alba field, and ConocoPhillips’ adoption of condensate based extraction technology at the Ekofisk field. It also presents the results of a detailed operator survey carried out amongst companies including BP, Chevron, Schlumberger, Shell and Total.

“Produced water is the single largest waste stream from hydrocarbon production. Daily water production volumes significantly exceed that of oil volumes, to the extent that 211 million barrels of water are produced by the industry daily compared to around 85 million barrels of oil. In this context, it is vital to deal efficiently and cost-effectively with produced water to ensure fully optimised production and compliance with national and regional regulations,” concludes Steve Robertson, Director at Douglas-Westwood.

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### **Information for editors**

Researched and written by OTM Consulting in partnership with Douglas-Westwood, “The Produced Water Gamechanger Report 2010 – 2014,” is the latest in an acclaimed series of business studies published by the two organizations.

Established in 1990, Douglas-Westwood is an independent leading provider of business research & analysis, strategy and commercial due diligence on the global energy services sectors. The company has offices in Canterbury England, Aberdeen Scotland and New York USA and, to date, has completed over 600 projects and provided products & services to 400 clients in 60 countries.

OTM Consulting Limited is an independent firm of technology management consultants specialising in the upstream oil and gas and alternative energy sectors, helping operators and their suppliers to identify, commercialise and deploy new technology. OTM’s four main areas of expertise include market intelligence, technology strategy planning, technology commercialisation, and knowledge sharing networks.

With more than 25 staff, the company has offices in the UK and USA, and its clients worldwide include BP, Shell, Saudi Aramco, Petrobras, JOGMEC, Schlumberger, Technip and GE.

Interviews with Douglas-Westwood and OTM analysts are available on request. Additional material, including charts and tables is available from:

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