



JOHN TILSON JOINS THE BOARD OF DIRECTORS OF NXT ENERGY SOLUTIONS

CALGARY, ALBERTA, February 24, 2015 - NXT Energy Solutions Inc. ("NXT Energy" or the "Company") (TSX-V:SFD; US OTC:NSFDF) advises that Mr. John Tilson is joining its Board of Directors, effective February 24, 2015.

Mr. Tilson obtained MBA and CFA designations and had a distinguished career as an analyst, portfolio manager, and advisor in the US investment and financial industry with such firms as Sutro & Company and EF Hutton & Company. John joined Roger Engemann and Associates in 1983 when assets under management were roughly US \$160 million. During his tenure there, the Pasadena Group of Mutual Funds was started, with Pasadena Capital Corporation formed as the holding company for the mutual funds and investment management business. After working as an analyst and portfolio manager, John later became Executive Vice President & Managing Director of Pasadena Capital Corporation. Assets under management had grown to over US \$5 billion by the time the firm was sold to Phoenix Companies in 1997. Mr. Tilson later retired in 2005.

Mr. Tilson now resides in Montecito, California, and from 2006-2012 was a member of the Board of Trustees, including three years serving as VP and Chairman of the long-range planning committee, for Lotusland, a Santa Barbara non-profit organization established by Madame Ganna Walska.

Tilson noted "I have been an active investor in NXT Energy for many years, and have a keen interest in working to build on their ongoing success and to expand on their strategic plans to develop and realize the significant potential of the SFD® aerial survey system."

George Liszicasz, President and CEO of NXT Energy, noted "we are proud to have John's ongoing support as a long-term investor with significant shareholdings in the Company, and look-forward to being able to draw on his broad experience in the financial and investment industry."

NXT Energy is a Calgary based company whose proprietary Stress Field Detection ("SFD®") survey system utilizes quantum-scale sensors to detect gravity field perturbations in an airborne survey method which can be used both onshore and offshore to remotely identify areas with exploration potential for traps and reservoirs. The SFD® survey system enables our clients to focus their hydrocarbon exploration decisions concerning land commitments, data acquisition expenditures and prospect prioritization on areas with the greatest potential. SFD® is environmentally friendly and unaffected by ground security issues or difficult terrain, and is the registered trademark of NXT Energy Solutions Inc. NXT provides its clients with an effective and reliable method to reduce time, costs, and risks related to exploration.

Forward-Looking Statements

This news release may include forward-looking statements. When used in this document, words such as "intends", "plans", "anticipates", "expects" and "scheduled", are forward-looking statements. Forward-looking statements are subject to a wide range of risks and uncertainties, and although the Company believes that the expectations represented by such forward-looking statements are reasonable, there can be no assurance that such expectations will be realized. Any number of factors can cause actual results to differ materially from those in the forward-looking statements. Risk factors facing NXT are described in its most recent MD&A for the year ended December 31, 2013 which has been filed electronically by means of the System for Electronic Document Analysis and Retrieval ("SEDAR") located at www.sedar.com. Such forward-looking statements are made as at the date of this news release, and the Company assumes no obligation to update or revise them, either publicly or otherwise, to reflect new events, information or circumstances, except as may be required under applicable securities law.

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