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Beyond Wind and Solar: New Report Shows Cleantech Market Expanding, Fundamentals Robust

Clean Technology Investment Opportunities Are Growing, According to a New Report by Leading Research and Advocacy Firms

OAKLAND, CA - October 23rd, 2013 – Macroeconomic drivers have reignited 'cleantech' investment and expanded its reach across sectors and industries, according to research published today by cleantech research firm Kachan & Co. and non-profits As You Sow and the Responsible Endowments Coalition.

The new, freely downloadable 38-page report titled <u>Cleantech Redefined: Why the Next Wave of Cleantech Infrastructure, Technology and Services Will Thrive in the 21st Century</u>, describes and examines the latest investment opportunities and trends across clean energy, efficiency, water, transportation, agriculture, energy storage, air & environment, and clean industry.

Crossing the chasm

The report takes a macro look at the adoption of clean and green products, services, and related infrastructure worldwide. It finds that after a decade of cautious experimentation by early adopters, cleantech-themed products and services are now bridging the gulf to wide mainstream adoption. Further, it details how new corporate venturing and strategic investment into cleantech by some of the largest multinational companies in the world is augmenting the role traditionally played by venture capital.

"Cleantech-related investments attract nearly a quarter of all capital. And the world's largest companies are increasingly buying their way into the space. That's impressive for an investment theme that just turned 11 years old," said Kachan & Co. Managing Partner Dallas Kachan. "Cleantech is now suddenly everywhere, and is poised for even more rapid expansion now that the largest companies in the world have discovered it as an opportunity for cost savings and profit."

Resetting overhyped expectations

The report examines expectations versus execution over time in cleantech. It draws parallels with the mismatch of expectations at the introduction of other breakthrough technologies such as IT, the web, and biotechnology—all of which underwent a correction and period of disillusionment before expectations and execution ultimately equalized. It underscores that cleantech industries continue to quietly grow; for example, the U.S. solar industry now employs nearly twice as many people as the U.S. coal industry.

Compelling fundamentals indicate game-changing market potential and staying power

Population growth, increased resource scarcity, increased urbanization, energy and resource dependence, climate change, and risk mitigation are among the continually intensifying cleantech drivers detailed in the report.

"It's an exciting time to be investing in cleantech. The opportunities are lucrative and the potential for growth is tremendous, especially in contrast with increasingly risky fossil-based resources," said co-author Danielle Fugere, President of As You Sow. "Cleantech investment is ideal for endowments, pension funds, and other institutional investors seeking to achieve solid risk adjusted returns while maintaining energy sector exposure, and, most importantly, acting in their constituents' best long term interests, both financially and environmentally."

According to Dan Apfel, Executive Director of the Responsible Endowment Coalition, "There is an urgent need for investments in solutions to climate change. Every dollar invested in cleantech helps increase efficiency and reduces the use of fossil fuels. This report offers real answers for investors looking to both divest from fossil fuels and invest in a more sustainable economy."

The Cleantech Redefined report is available for free download from www.kachan.com or www.endowmentethics.org. It contains specific investment ideas within the cleantech category, including leading public large cap (\$10b +) companies, small cap companies, and investable funds in leading cleantech industries. It also identifies hundreds of noteworthy private companies, some of which may ultimately issue public offerings. It is intended for pension fund administrators, endowment trustees, and other institutional investors, or anyone with an interest in investment opportunities within cleantech.

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As You Sow is a nonprofit organization that promotes environmental and social corporate responsibility through shareholder advocacy, coalition building, and innovative legal strategies. For more information visit www.asyousow.org.

Kachan & Co. is a cleantech research and advisory firm with offices in San Francisco, Toronto and Vancouver. The company publishes research reports on clean technology trends, data for industry professionals via its <u>Cleantech Watch™</u> service, and offers consulting services to large corporations, governments, service providers and cleantech vendors. Kachan staff have been covering, publishing about and helping propel clean technology since 2006. For more information visit www.kachan.com.

The Responsible Endowments Coalition (REC) is the leading voice for responsible investment in higher education in the United States. REC educates and empowers students, alumni, and campus communities to encourage their institutions to incorporate environmental and social considerations into their investment practices. For more information visit www.endowmentethics.org.