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Transcu to acquire Nanomizer

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Transcu to acquire fuel tech firm Nanomizer



Singapore: Transcu Group, a life sciences company engaged in the research, development and commercialization of cutting-edge technologies to improve the quality of life, entered into an agreement with Forest Pine Group to acquire 74.8 percent stake in Nanomizer, a private entity
incorporated in Japan that focuses in research and development of pulverization and emulsification technology such as Nano-Emulsion Fuel System (NEFS).

Established in 1988 in Japan and headquartered in Singapore, the Group has offices in Singapore, Japan and the US. Its current focus includes transdermal drug delivery systems for the pharmaceutical industries, specialized cosmetic products and environmental improving systems. Apart from reducing greenhouse gas emissions, NEFS technology is able to reduce fuel consumption and improve combustion efficiency substantially more than conventional emulsion fuels. The aggregate consideration of the Nanomizer acquisition is $33.6 million (S$41.0 million).

"We look forward to integrate Nanomizer into our green technology business segment. Significant milestone was achieved in February 2011 for the commercialization of NEFS with its first sales order for an aluminum smelting plant in Japan followed by the tie up with one of the world's largest shipbuilders in October 2012. Moving forward, we will intensify the marketing efforts for NEFS by expanding the distribution network and introducing it to other industries," said Mr Lawrence Rikio Komo, chief executive officer, Transcu.

Nanomizer's processing has been found to be successful in degumming biofuels (biomass oils) for conversation into biodiesel fuel, at significantly lower costs than conventional methods. The degumming costs are projected to be 85 percent-to-90 percent lower than the existing conventional methods, which enables greater use of biofuels for bio diesel fuel conversion than is currently economically possible today. Nanomizer will be collaborating with power generator engine makers and bio fuel producers to enlarge the contribution of bio-fuel sourced power generation in today's economy.