



MEDIA RELEASE

For Immediate Release

Sinjia Land diversifies into clean energy technology using hydrogen extracted from water

Sinjia RTE Solution's revolutionary fuel cell power plant uses hydrogen to produce clean and green electric power that will power the common areas within JTC's CleanTech One building

SINGAPORE, 23 May 2014 – Mainboard-listed **Sinjia Land Limited** ("Sinjia Land") (星嘉源有限公司) today announced its joint venture with Real Time Engineering Pte Ltd (RTE) to explore new business opportunities in clean technologies. Called Sinjia RTE Solutions Pte Ltd, the joint venture will leverage RTE's 10-year test-bedding partnership agreement with JTC Corporation ("JTC") under JTC's CleanTech Park Living Lab Programme for the installation and operation of a fuel cell power plant that will generate clean electricity for JTC's CleanTech One development in CleanTech Park.

Sinjia RTE Solutions' revolutionary fuel cell power plant – believed to be the first of its kind in the world – works by extracting hydrogen from water and with Proton Exchange Membrane ("PEM") technology, one megawatt ("MW") of electricity is generated. Unlike electricity generated using fossil fuels, Sinjia's output is clean and green electricity with zero carbon footprint.

"We are very excited about our foray into clean energy technology – our clean power technology is indeed cutting-edge and we believe we have only scratched the surface with regard to the potential of this technology – its potential applications are extensive. Apart from JTC, we are also working on projects with other government agencies and will make the appropriate announcements when they are firmed up," said **Mr Jeff Cheong, CEO of Sinjia Land.**

Said **RTE's founder, Mr S Y Wong**, who has devoted twenty years of his life to the development of this technology said, **"Fuel cell technology is not new, but up till now the high cost of extracting and purifying hydrogen for the generation of electric power has been a strong deterrent. Other**

fuel cell technologies use commercially-supplied hydrogen which requires on-site storage and raises fire risks.

The unique selling point of Sinjia RTE Solutions' fuel cell technology is that a proprietary catalyst is used to extract the hydrogen on demand directly from the water and thus requires no storage. The extracted hydrogen is also of such high quality that it does not require further purification.

This technology also produces synthetic sulphur-free crude oil using biomass as feedstock, in a separate process that involves regenerating the spent catalyst. It is estimated that each 1 megawatt of power plant can produce approximately 90 barrels of crude oil a day."

The space-efficient 400 sqm fuel cell power plant is expected to commence operations in July 2014 and will power the common areas of JTC's CleanTech One, which is the first building in JTC's 50-hectare CleanTech Park. By co-locating businesses and academia in cleantech activities in JTC's CleanTech One, JTC provides opportunities for the cleantech community to collaborate and form strategic alliances to catalyse innovation in cleantech research. Today, JTC's CleanTech One is well-placed to serve as a living laboratory to test-bed and showcase yet-to-be-commercialised innovative solutions. JTC's CleanTech Park Living Lab Programme, which was launched in 2011, has supported more than 14 test-bed projects, including RTE's resource-efficient fuel cell power plant.

The Sinjia RTE Solutions project marked a milestone for Sinjia Land after the board of directors obtained the approval from their shareholders at the AGM cum EGM on 28 April 2014, to diversify into the clean power business.

The initial phase of this project is not expected to have any material effect on the net tangible assets and earnings per share of Sinjia Land Limited for the financial year ending 31 December 2014.

About PEM Fuel Cell technology

Proton Exchange Membrane (PEM) Fuel Cell technology is an electrochemical process that uses hydrogen to produce electric power via a semi-permeable polymer membrane.

A fuel cell is a device with a cathode and an anode, not unlike the common household battery that is used for flashlights and other household appliances. Fuel cells are combined into stacks according to the amount of power they are required to generate and are therefore very scalable.

The electricity is produced when hydrogen electrons are released by a catalyst and passes through the semi-permeable membrane to an external circuit. The resulting Direct Current (DC) is then converted to Alternating Current (AC) by an Inverter. Electric power produced in this way is clean, green and quiet.

About Sinjia Land Limited (website: www.sinjl.com) (Bloomberg: HLNT:SP; Reuters: SINJ.SI)

Sinjia Land Limited (formerly known as HLN Technologies Limited) was incorporated in Singapore on 26 February 2004. It was listed on the SGX-ST CATALIST on 25 November 2005 and subsequently upgraded to the SGX-ST Mainboard on 22 January 2008.

The principal historical activities of our Group involve the manufacture and sale of a wide range of customised precision elastomeric, polymeric and metallic components which are used in a variety of industries principally in office automation, lifestyle products, industrial application, consumer electronics and automotive industries.

The Group supports its customers in the region through operating subsidiaries located close to its customers in Singapore, Indonesia in Batam, Malaysia in Johor and the People's Republic of China or PRC, in Suzhou.

In November 2011, the entire interest of the Group's metallic business was divested and hence the Group is no longer involved in the metal business. On 19 September 2013, the Group disposed of its polymeric subsidiary in PRC.

Sinjia Land has and will continue to explore business opportunities beyond manufacturing.

Issued on behalf of Sinjia Land Limited by Waterbrooks Consultants Pte Ltd

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