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Firm to market plasma waste treatment technology

RCL Plasma Asia Sdn Bhd will mobilise its resources to market and refine plasma waste treatment technology in the Asian region.

The technology utilises hot plasma gas at between 3,000 and 10,000 centigrades, to transform all types of wastes in an oxygen-starved chamber into a non-toxic and pollution free end-product at a fraction of the original mass.

The company had two weeks ago sealed a technology agreement with their Canadian counterparts Resorption Canada Ltd in Toronto. The ceremony was witnessed by International Trade and Industry Minister Datuk Seri Rafidah Aziz and her Canadian counterpart, Mr John Manley.

Besides a transfer of technology, RCL Plasma Asia chief executive officer Mr Emil Rinaldi Syaiful Anwar said the agreement also granted his company various benefits such as co-ownership of the technology, propriety rights in new development to the existing technology and exclusive marketing rights in Asia.

Other benefits include a revenue sharing ratio of 65:35 for RCL Plasma Asia and Resorption Canada, the consent to fabricate plasma plants locally and full technical support to RCL Plasma Asia's marketing efforts including the supply of materials and literature.

Emil, in a statement released in Kuala Lumpur, said RCL Plasma Asia's priority is to play an active role to spearhead Malaysia's thrust into the state-of-the-art waste treatment technology in Asia.

He said the acquisition of plasma gasification technology, which is one of the safest and most superior form of waste treatment system developed today, will mark a revolutionary management of waste disposal in Asia.

The types of wastes include municipal and industrial waste, toxic waste, high-premium waste such as ship and petroleum sludge, low radiation and biomedical waste.

Emil said the acquisition and subsequent development of the technology is timely as it falls in line with the Prime Minister Datuk Seri Dr Mahathir Mohamad's recent call for local entrepreneurs to go hi-tech instead of relying on borrowed technology and labour-intensive industries.

Concurrent with Mahathir's vision, he said RCL Plasma Asia will embark on a research and development programme to enhance the technology.

"Our goal is to take the technology several steps forward and commercialise it to complement the nation's thrust towards Vision 2020," he added.

RCL Plasma Asia's next direction is to make its presence felt in a niche market comprising large local manufacturing concerns and those dealing in waste storage and disposal.

"And once we have gained a strong foothold in our own backyard (Malaysia), we will export the technology to other Asia-Pacific countries," Emil said.

"We are confident of making our presence felt in the Asian region because we are selling a sunrise technology that is cost-effective, space-saving and environmentally-friendly," he added.

Emil said the technology is the best alternative to other forms of waste disposal methods because of its zero environmental threat. "It emits no smoke, poses no contamination and eliminates all pollution hazards."

"Equally important is the fact that it reduces the volume of garbage in an approximate ratio of 200:1 and for environmentally potent biomedical

waste, the result is more dramatic, a ratio of 400:1.
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