Installation of CFP Corp.’s Waste Plastic-to-Oil Production System in Malaysia

Heng Hiap Industries Sdn Bhd (Head Office - Johor Bahru, Malaysia, Mr. Kian Hoe Seah, Managing Director), a major recycling company in Malaysia, aims to finish the construction of two facilities in a new factory in the state of Johor by July this year, one with the ability to convert 4 tons of waste plastic into oil per day, and one with the ability to produce electricity from the cracked oil, and aims to officially operate them from August. The company has been handling waste plastic as a recyclable material since the past, but has decided to handle it as a medium to long term venture focused on the future, instead of focusing on the amount of expenses required for processing.

Heng Hiap Industries Sdn Bhd handles plastic recycling operations, and is a main company under the Heng Hiap group, which handles the general recycling of materials such as scrap metal and used paper. Its recycling factories that are currently in operation separate, pulverize, and wash thousands of tons of scrap plastic a month to export them as high-quality recycled pellets suitable for raw material.

At present, the company is advancing the construction of a new, large-scale factory to recycle waste plastic, and will be installing an extruder for post-processing supply after separating, pulverizing, and washing, a semi-continuous feed plant to turn plastic into oil,
and a facility to generate electricity. The equipment used to turn waste plastic into oil is developed and manufactured by RECYCLE ENERGY CO., LTD. (Head Office · Fukuyama-city in Hiroshima pref.), and can effectively convert polyethylene, polypropylene, and polystyrene into oil without separating them. The cracked oil has many potential uses, and the company has decided to use it as a fuel suitable for generating electricity.

Mr. Kian Hoe Seah, Managing Director has been chosen as one of the 10 Outstanding Young Persons of the World (Moral and/or environmental leadership category) by Junior Chamber International (JCI). He made the quick decision to take the initiative to turn waste plastic into oil, and was also proactive in a new industry.