The news revealed on NIKKAN INDUSTRIAL NEWSPAPER dated as of Jan. 25th 2011 described about the plant converting waste plastics into oil from RECYCLE ENERGY CO., LTD.

Here is the translation for the news.

**Topic**

“Converting Waste Plastics into High Quality Oil - Promotion on the Asia Market”

FUKUYAMA RECYCLE ENERGY CO., LTD. (located in Fukuyama City, Hiroshima. President: Ms. NAMIE FUKUDA. TEL:084-971-5950) starts to sell the plant “MP SERIES” converting waste plastics into oil. Characteristics include continuous operation, and wax-free & high quality oil production. The company has attended several exhibitions since the end of 2010, trying to tap into the market. The target is selling 20 plants in 2011.

Aside from emphasizing the superiority of the plant, RECYCLE ENERGY also makes a proposal of supporting the sales route of the cracked oil, making it possible to rise up its competitiveness. The company also takes advantage of the Asian sales network from its group company - CFP TRADING CORPORATION, (located in Fukuyama City, Hiroshima) which has been involved in exporting/importing of resins.

MP SERIES use catalytic cracking method; the catalyst is a kind of special porous catalyst. Nowadays most people produce cracked oil by pyrolysis method. However, the oil derived is mostly heavy oil, and due to the extremely high temperature in the reaction, wax becomes the unavoidable by-product. On the other hand, during the catalytic cracking process, the temperature is comparatively low, which allows the wax to react with the catalyst; therefore the high quality light oil such as Naphtha can be obtained.

The price of this plant is only 1/3 of the batch system with equal processing ability. The plant can directly convert Polypropylene (PP), Polyethylene (PE), Polystyrene (PS) into oil without dechlorination. Besides, the residual chlorine in the cracked oil is less than 100 ppm even with PET and PVC up to 10%.