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ENVIRO-HUB HOLDINGS LTD

Enviro-Hub's Pilot Plastic-to-Fuel Plant A Roaring Success

- Implemented a more suitable technology to convert waste plastics into fuel
- Commence construction of Singapore's first Plastic-To-Fuel commercial plant and target to complete the construction of the 50,000 tonnes plant by end March 2008

Singapore, 17 December 2007 – Enviro-Hub Holdings Limited (“Enviro-Hub”, “the Group” or “一合环保控股”), one of Asia's leading electronic waste solutions providers, has announced the successful completion of its Plastic-to-Fuel pilot plant project (“PTF”) in Singapore. Based on its success, the Group will commence construction of Singapore's first commercial PTF plant. The plant is expected to be completed in 2Q of 2008 and will commence production shortly.

“The successful completion of our pilot PTF plant is a historic milestone for Enviro-Hub Group. This project not only able to give an alternate solution to the plastic components found in electronic wastes, but could also be expanded to resolve the long outstanding problems many countries faced with the municipal or general plastic wastes. We will now proceed to build Singapore's first commercial PTF plant in TUAS. We target to progressively increase the treatment capacity, with phase I targeted at 30,000 metric tonnes per annum ,

Having crude oil prices at an all time high, our ability to convert waste plastics into fuel will prove to be invaluable. We believe this will enhance the profile of Singapore as a key recycling hub in the world.”

*Mr Raymond Ng,
Executive Chairman of Enviro-Hub*

Singapore’s first Commercial Plastic-to-Fuel Plant

The construction of the first commercial PTF plant will commence immediately and is expected to be completed in 2Q 2008. Commercial production is expected to kick-in in the same quarter.

The PTF plant has the capacity to convert 30,000 tonnes of waste plastics into fuel annually. It is fully automated and requires less than 20 workers to operate the plant. The entire investment cost is estimated at S\$15 million. The investment will be mainly funded by internal source.

Concurrent to the construction of the plant in Singapore, the Group will also proceed to market this new services and similar plants globally. Interests from Malaysia, Thailand, Hong Kong, Vietnam, Philippines, Germany, New Zealand, Australia, and Brazil have also flew in.

The Plastic to Fuel Technology

Plastic and fuels are both made of the same organic compounds called hydrocarbons. Hydrocarbons are simply compounds that consist entirely of hydrogen and carbon. The difference between the two is the type of bonds and the arrangements that the compounds are in.

To rearrange the hydrocarbons of plastic to resemble that of fuel, heat needs to be used to crack the bonds of the hydrocarbons. Older technologies require huge amounts of heat, sometimes exceeding 600 degrees Celsius. Often times, the end product is not commercial quality fuel and the yield is often too low to be considered efficient. In

addition heating up plastic to 600 degrees Celsius also uses up a lot of energy and thus makes these older processes not economical.

The Latest Technology

The technology know-how, which is patented and licensed to Enviro-Hub allows waste plastics to be broken down into fuel at significantly lower temperatures than the older technologies. In addition, this technology ensures a yield of 85% commercial quality fuel. The remaining 15% will be Liquid Petroleum Gas (LPG) and coke.

The secret lies in the patented catalyst that allows these reactions to take place at lower temperatures, a faster rate of reaction and a consistent yield of high-quality fuel. This catalyst allows this process to become commercially viable with minimal energy consumption and high-yields.

Promising Industry Prospects

The increasing acceptance of plastic in consumer electronics products has resulted in a corresponding increase in the already enormous waste plastic dump. Currently, the U.S. Environmental Protection Agency estimates that more than 26 million tons of plastic are dumped in U.S. landfills annually.

At the Asia Pacific Recycling Conference held earlier this year, in Mumbai and New Delhi, experts estimated that by 2009, rigid plastics global consumption will be US\$120 billion while flexible plastics global consumption will hit US\$70 billion. With this, global consumption of plastics in packaging will be US\$190 billion & second to Paper and Board, which exceeds US\$210 billion¹.

***“The enormous plastic consumption globally will lead to a huge increase in the waste plastic, which has to be disposed. Currently, landfills are the only solution as plastics are non-biodegradable.*”**

Not only will our PTF plants solve the growing environmental issue of plastics ending up in landfills, but they will also enable us to produce commercial quality fuel, LPG and coke”

***Mr Raymond Ng,
Executive Chairman of Enviro-Hub***

¹ Source from www.plastindia.org

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ABOUT ENVIRO-HUB HOLDINGS LTD (Bloomberg Code: ENVH.SP)

Listed on SGX Main board, Enviro-Hub Holdings Ltd (“Enviro-Hub” or the “Group”) is one of Asia’s leading electronic waste solutions providers with over 20 collection centers strategically located across the globe.

Enviro-Hub provides a whole spectrum of services such as management and recycling of electronic waste (“e-waste”), extracting & refining of Platinum Group Metals, melting and refining of Copper, recovery and processing of ferrous & non-ferrous metals, plastics & chemicals.

For more information, please visit Enviro-Hub’s corporate website at www.enviro-hub.com.

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