Dear Chairman Choi So-yuk and Fellow Panel Members,

Good Afternoon.

I am very delighted to be invited to today's meeting regarding the management of solid wastes in Hong Kong.

Facing the graduate pollution of our living environment, many countries and people are seeking a substitute to replace some synthetic resources such as plastic products. Consequently, the solution will reduce the amount of pollutants and exploit new natural resources. The Hong Kong government is actively involving in the solid waste management by developing new strategies, deploying environmental policies, creating public awareness of the problem. Because of this environmental preservation need, a new-generation ecological material is to be introduced to the Panel today. The English name of the material is "Plystarch Material" or simply called "PSM".

PSM's main component is corn starch which is a total biodegradable material. Therefore, PSM has the following properties:

- Corn starch, the major ingredient of PSM, is a renewable resource where the cost is low and the supply is plentiful.
- Genuine environmental-friendly by-products during manufacturing are harmless for post-use disposal: no wastewater, effluent gas or waste residual discharged throughout the manufacturing process.
- Products made from PSM possess excellent product performance properties with water-proof, oil-proof, high melting point and can be used in microwave, which is superior to those similar products in the domestic market.
- Unique and revolutionary ecological materials can be fully and completely degraded into harmless substances. PSM wastes can be used as nutrients for plants.
- The material has a simple way of identification when only non-tonic smoke is emitted and a white residue is left after burning. No melting substances are dropped from the PSM and its products.

PSM is not the type of plastic that most people know of. Its properties do not match exactly to the corn starch that people learn of. When making PSM, the molecular structure of corn starch has been modified through various chemical and physical alternations. As a result, the water solubility and heat durability are completely

changed from its original state. PSM can be heated and molded using common plastic machinery to produce various end products like shopping bags, one-off dinnerware, hotel utensils, toys, golf tees and industrial packaging foam. These products can suite our daily requirements with a biodegradable capability and a standard health benchmark.

PSM is accredited with PRC and worldwide patents. PSM has enrolled in the applications of patent protection programs in more than 100 countries that have the FDA and ENTI approval. PSM also possesses the ISO 14851 certification and passes non-toxic packaging examinations in many countries. PSM is the product of a joint venture between a HK investment firm and a PRC research institute. PSM is not only a raw material but also an environmental safe product that is manufactured by numerous production houses in Shenzhen, Dongguan, Guangzhou, Xiamen, Suzhou in which the products are shipped to markets around the world. With the establishment of strict environmental policy and the rising public awareness of clean environment in many countries, we believe that PSM will have a great contribution to protect our environment and to eliminate “white pollution”. We recommend the Hong Kong government to encourage the selective use of PSM in industrial applications when developing its strategy on solid waste management. We also wish that the environmental preservation groups can support the use of PSM in Hong Kong.

Thank you to your attention, ladies and gentleman.