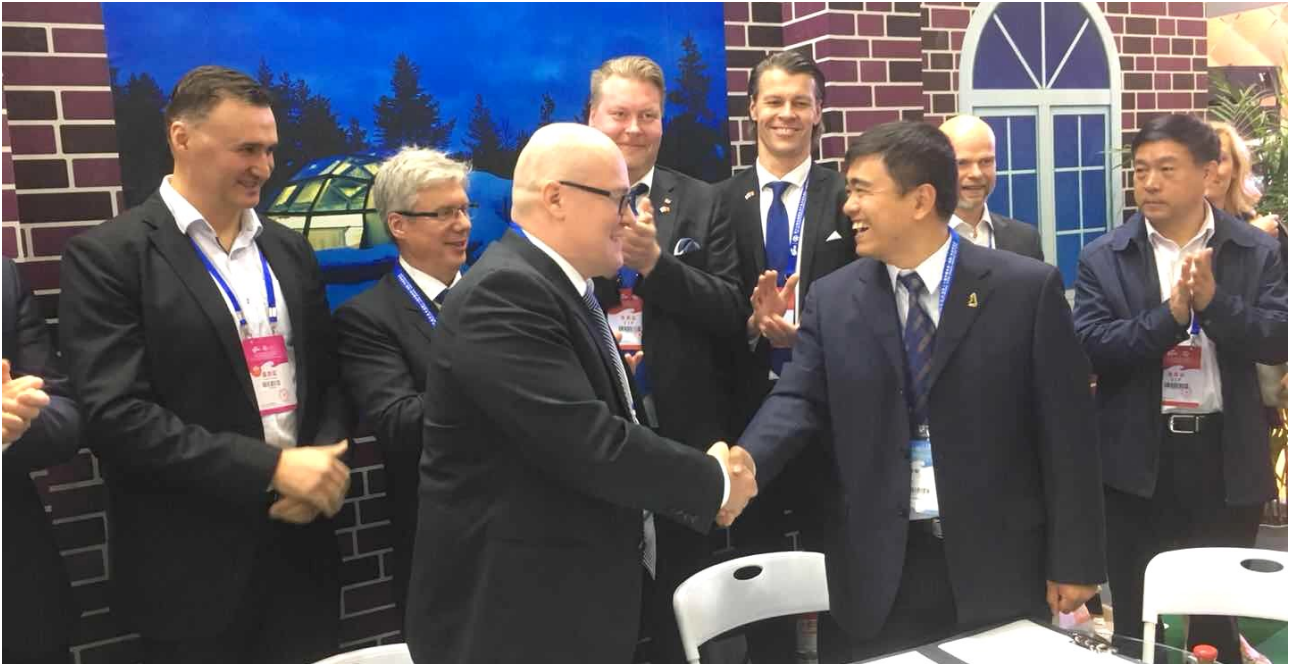


FIRST 2 BILLION RENMINBI ECO PARK SOLUTION IN CHINA

Honkajoki CES Ltd. signed a €250 Million (2 Billion Chinese Renminbi) ECO park agreement in China on 2nd November 2018 with Hunan Northern Europe Investment Management Co., Ltd.



Handshaking after signing the ECO park agreement 2nd November 2018. On the left Mr. Pasi Kivelä, official representative of Honkajoki CES Ltd. and Mr. Tang Yong, President of Hunan Northern Europe Investment Management Co., Ltd.

ECO park solution for better air quality and clean energy

A Circular Economy plant can treat some 320 000 tons of bio and animal based waste in a year and reuse all the incoming raw materials. Honkajoki CES' advanced waste treatment plant is a pollution free solution developed in Finland over the last 50 years. The facility will be constructed in the Changsha city area which has a population of more than 8 million inhabitants. From the waste, the new CES plant will produce clean water, animal feed, nitrogen fertiliser, biodiesel components and clean energy for growing Chinese markets. This solution also produces its own energy requirements from the waste.

According to Adrian Bliss, Head of Honkajoki CES investments, the factory project allows the transition from waste burial and waste incineration to 100% recycling. This significantly reduces CO2 emissions and will improve air quality in the Changsha area and Hunan Province, China. The project serves as a good global example of reducing greenhouse gases affecting global warming through technology. In addition, a modern recycling facility will significantly improve the food safety of Changsha area by preventing the spread of diseases from animal origin through land and groundwater circulation.

The collaboration project that is being launched will create more than 250 permanent jobs, and the construction project itself will employ more than 1,500 people for about two years.

Benefits from circular economy solutions

According to Professor Sami Areva, ECO park solutions will bring international investments and new companies to Changsha. The waste treatment plant will be able to provide clean water and cheap electricity and steam energy for companies in the future ECO park area. The treatment plant will also be able to handle the waste generated by businesses in the area. Companies in the industrial area made for food businesses will benefit from this as a significant economic competitive advantage. A good example of this is that China currently purchases large quantities of soybean meal from the international market, which is used, among other things, in animal feed. One of the final products produced in the new plant is meat-and-bone meal (MBM) containing the protein required for animal breeding. China will now be able to produce its

own MBM that will eventually replace the need for soybean imports and raise China's self-sufficiency ratio in animal feed production.

In particular, over the last 20 years we have been working on long-standing technology development with universities, research centres and food authorities to develop advanced circular economy solutions. We have implemented a country-wide circular economy solution in Finland and it is now great to see that the introduction of the same technology is also taking place on a larger scale in the populous China.



Official event between twin cities Changsha and Seinäjoki 2nd November 2018. Main negotiators on the left Mayor of Seinäjoki, Mr. Jorma Rasinmäki and on the right Mayor of Changsha Municipal People's Government, Mr. Hu Zhongxiong.

Factory project as a part of a broader collaboration

Heading the international factory projects, Mr. Pasi Kivelä, sees the agreement he signed as a significant opening for a wider collaboration in China. He stated, "Our goal is to build ECO park solutions in China on a large-scale. We want to be involved in developing circular economy solutions with support from international investors, Chinese partners, state-owned companies and public authorities. Co-operation in Changsha has continued for a long time and the support we received from the authorities has played a very important role in why we are doing our first factory project in Changsha".

Changsha and Seinäjoki are twin cities and this makes it easier to make investments in Changsha. Mr. Hu Zhongxiong, Mayor of Changsha Municipal People's Government and Mr. Jorma Rasinmäki, Mayor of Seinäjoki had discussions of a broader collaboration between Changsha and Finland on the agreement's signing day.

Mr Kivelä went on to say, "Our agreement facilitates the entry of new international investments into the region and we want to be a trendsetter for other companies. In addition, we want to be strongly involved in the development of non-polluting industries and circular economy solutions. China has a great deal of expertise in implementing large-scale projects. This knowledge and experience of local and international companies enables large projects to be implemented in China".

"We want to bear our own responsibility for sustainable development, CO2 emission reduction and to offer future generations the opportunity for a clean environment through new ECO park projects".

Further information about the agreement and international ECO park investments:
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