

techman / March 29, 2012 11:13AM

[\[Creativity\]\[Green Energy\] Taiwan Unveils New Green Energy Invention](#)

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CNA – Focus Taiwan (2012/03/28) Taiwan unveiled a green energy invention Wednesday that will be able to play a part in energy saving and also make life easier for people living in disaster-stricken areas and remote regions.

The equipment, which converts wood into electricity and heat, was among many exhibits shown to the media at a research park under the Taoyuan-based Chung Shan Institute of Science and Technology.

Developed in the middle of 2011, the equipment uses the technology of a wood gasifier, in which wood chips are used to generate inflammable gas that can be used to boil water and cook, according to research staff at the institute.

It can also produce enough electricity to operate household appliances, they added.

In the event of disasters such as floods and earthquakes, the equipment will be useful for victims in areas where the power has been cut, they said.

Noting that a huge amount of waste wood is produced in Taiwan every year, they said the invention can serve as a way of recycling and reusing this waste, while allowing a reduction in the use of non-renewable energy sources to run generators.

According to the institute, one kilogram of wood can be converted into 0.8 kilowatt hours of electricity.

Other exhibits include a solar-powered dune buggy and a fried chicken stand that uses the heat from the frying equipment to produce electricity.

Reference:

[CNA – Focus Taiwan 2012/03/28](#)

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[National Science Council International Cooperation Sci-Tech Newsbrief](#)  
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Edited 1 time(s). Last edit at 03/29/2012 11:15AM by techman.

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