

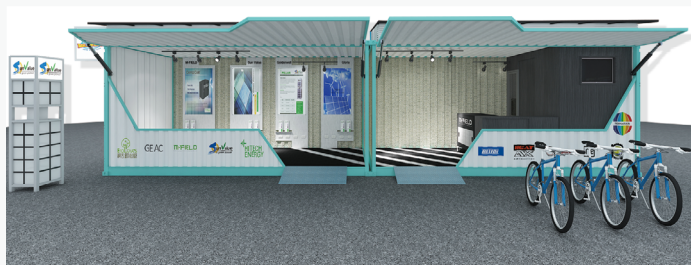


## Activity Report

## The Next Step for Skynergy-The Green Power Station

On 4th May, a group of young diplomats from Slovakia, Poland, Burkina Faso and Czech Republic visited Green Trade Project Office (GTPO). They are received warmly by six representatives from GTPO. Dr. Shih-Fang Lo introduced the development of green industry in Taiwan, as well as GTPO's missions and activities. She highlighted the "One Child One Light Project" a cooperation between Taiwan and Burkina Faso, which aims to help the African children to study at night thanks to the solar-powered LED lamps designed by a Taiwanese company. This successful case demonstrated once again how green solutions can improve the quality of life in the areas lacking in stable electricity supply. Ms. Fei-Wen Lin, the senior advisor of GTPO introduced one of the recent projects launched jointly by GTPO and domestic companies, "Skynergy," a successful case exhibiting the strength of Taiwanese green industry. During the discussion, the visitors showed great curiosity about the efficiency of the solar panel and the total capacity of Skynergy. They were also interested in learning more of the potential applications and

the commercialization opportunities of Skynergy. At present the first Skynergy model which is being demonstrated on Chung-Hua Institution for Economic Research's premises is used as an electric bike charge station combined with a café corner. The visitors were impressed by the degree of integration of this green power station as well as the top-notch electric bikes while enjoying the coffee brewed by the zero-carbon-emission power generation.



Skynergy is a revolutionary, totally off-the-grid system entirely self-powered by solar energy. It features a 5 kW thin-film photovoltaic module as well as a 5kW lithium-ion battery. The smart energy management system it uses can help administrators to better keep control of the scattered equipments in the Station. This station has also installed a hydrogen fuel cell providing a highly reliable power backup in case of blackouts. The Skynergy project was launched in Oct 2015. This sophisticated integration project has been made possible by the consultants from GTPO and a team of experienced professionals from Taiwan. The second generation of Skynergy will be sent to New Jersey in June and be showcased in Liberty State Park as the bike rental station.

Please go to <http://www.skynergy.net> for more info.



photographed on May 4th.

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Monte Jade Science and Technology Association and GTPO held a seminar for Green Tech industry in Taiwan. Leaders from four excellent Taiwan green tech companies shared their business experiences.

- \* Cashido: on the food safety solution from farm to table, winner of the 2015 GCCA
- \* M-Field: on its development of fuel cell business, successfully settled in the EU and US markets.
- \* TD HiTech Energy: on its experience of cell module solution development with their batteries now being widely used in electric cars all over the world.
- \* Sinogreenenergy: on the linkage of the clean energy with small farmers helping the farmers to earn extra income.