

The ultimate goal of TSSBE is to promote and establish the real symbiotic and sustainable living environment, and the formula “GB + Symbiosis = SB” is the collective solution to the sustainable future. TSSBE develops “GB + Symbiosis = SB” and matches Climate Changes at this moment and exchanges its results with the country and the universal. Due to its elite policy, there are 52 individual members and 1 corporate member till now. All members devote themselves to this goal.

Here are some important events concerning about GB, Symbiosis and SB that TSSBE and its members participated in the past year.

TSSBE sponsored and co-organized workshops, conference and an MOU in Kaohsiung and Pingtung with Kaohsiung City Government and Shu-Te University from Sep. 21 to Sep. 28, 2015. We invited Mr. Nils Larsson to be our keynote speakers and engaged in workshops and conference. The two cities, Kaohsiung and Pingtung, are located in the southern Taiwan. Main organizers and hosts for these events were **Dr. Paul Chou**, **Dr. Daphne Chang** and **Dr. Annie Kuo**. During the visit, a Memorandum of Understanding was signed between iiSBE and Pingtung City Government for future cooperation in environmental policy development, and a meeting was held with **Dr. Joseph Yen-yi Li**, Secretary of TSSBE.



Three long and intensive workshops were held with graduate and senior students focused on SB Tool, exploring details of its structure and how a version for southern Taiwan could be developed. Several site visits were made from local to wetland areas that serve as nature reserves and temporary reservoirs during periods of heavy rain, and a light rail system that is being developed to link the two cities and to reduce the very heavy automotive traffic intensity.

Finally, we made a site visit to a local solar farm that has been combined with agriculture in an interesting way by the Sunny Rich Power Company, with PV panels providing partial covering over an area planted with fruit trees, and a semi-transparent PV roof over a section devoted to vegetable production.

The members of TSSBE (iiSBE Taiwan), **Dr. Chiang Che-ming** started to lead the Green Building Material (GBM) Label project in 2004, and **Dr. Tsay Yaw-shyan** continuous the job of PA, **Dr. Lin Fang-ming** was the co-PA since 2014. This year (2015), the new version of manual of GBML was published, and Dr. Tsay and Dr. Lin are the chief editor.



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The GBM Label of Taiwan promoted by ABRI (Architecture and Building Research Institute, Ministry of the Interior) was officially launched in 2004 to systematically and effectively



evaluate the performance of GBM. The objective of the GBM Label is mainly to enhance the built environment and to provide the actual benefit toward the concept of human health and earth

sustainability. The GBM of Taiwan is defined as an ecological, healthy, recycled, or high-performance building material that is capable of efficiently minimizing impacts to earth environment and damage to human health during its entire life cycle.

By the end of June 2008, 131 Labels had been conferred covering 1032 products, and the amount raised up to 1346 labels/ 9638 products until the end of July 2015. In addition, the regulation of at least 5% mandatory green building material utilization has also been involved into Taiwan's Building Code since 2006, and the regulation had risen up to 45% indoor and 10% outdoor since 2012.

Dr. Day Yeong-tyi, one of TSSBE's Director, was invited to be part of the committee of judges at the 5+2 *Environmental Art Design Cup of China Institute of Architectural Decoration and Design* held by the Sichuan Fine Arts Institute from Oct. 24 to Oct. 25, 2015. Based on the themes "interconnection" and "symbiosis", the contest was open to environmental design schools in western China. Gold, silver and bronze medal winners were selected under the categories: architecture, landscape and combination. The day after the contest, Dr. Day delivered a speech at the forum entitled "Lost in the Greater Symbiosis", which was about the blind spots in human thinking and self-salvation in a world of climate change and frequent disasters. Dr. Day also served as a commentator in the symposium for exchanges in environmental design teaching.



Dr. Lin De-en is one of TSSBE's Director, and his relevant experiences are as follows.

Jan. 2015: Served as the commissary of Aeronautical Meteorology Safety, FSF-T ROC and joined in the Consultative Committee to review the annual achievement of Flight Safety Foundation-Taiwan, R.O.C.



Jan. 2015: Served as consultative commissary of the Advisory Broad of Chung Cheng Institute of Technology National Defense University Defense Science (attending the meeting of Consultation Committees of the Chung Cheng Institute of Technology National Defense University Defense Science)

March 2015: Received a "Special Award for Distinguished Services and Senior Meteorological Personnel" (attending the annual meeting of the Meteorological Society, R.O.C.)

May 2015: Served as consultative adviser of the Emergency Management Information System EMIS, Kaohsiung City Government (Participation in convening the Anti-disaster Working Conference held by Kaohsiung City Government)