

*(Draft) Minutes of
The 3/2014 Joint Meeting of Council and Associates of
Thailand Business Council for Sustainable Development (TBCSD)*

Date: December 9, 2014; 13:30 – 15:00 hrs
Venue: at PTTGC, ENCO A, Fl.14, Vibhavadi Rangsit Road,
Chatuchak, Bangkok

The meeting began at 13.35 hrs.

1. Chairman's Remark

Mr. Prasert Bunsumpun, the Chairman of TBCSD, expressed his gratitude to the audience, participating in the meeting on that day and introduce the new TBCSD's Acting Executive Director, Mrs. Wilailux Sangtaksin

Resolution: All members acknowledged the new TBCSD's Acting Executive Director.

2. Business Session

2.1 Members of TBCSD

Mr. Prasert Bunsumpun/ Chairman presented TBCSD members in 2014 which are 38 high profile business leaders from 38 companies, covering all business sectors in Thailand.

2.2 Introduction of New Member

Mr. Prasert Bunsumpun/ Chairman presented that there are three new members of TBCSD in 2014 i.e.

- 1) Sahaviriya Steel Industries Public Co.,LTD.
- 2) PTT Phenol Company Limited
- 3) Global Power Synergy Company Public Limited

Mr. Nava Chantanasurakon, Sahaviriya Steel Industries Public Co., LTD. representative, introduced that the company is intended solely for your personal reference only. If you are not an intended recipient, you must not read, disclose, copy, circulate, retain, distribute or take any action in reliance upon this material and prepared based on the assumptions and beliefs of SSI Group's management in light of the information currently available to the Company involving risks and uncertainties which may cause the actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Nothing in this presentation is, or shall be relied on as promise or representation of the Company as to the future.

Mr. Warophat Kimchuwanit, PTT Phenol Company Limited representative, introduced that the company is an affiliate of the PTT Group. It line of business is petrochemical. It has a 134-rai factory situated in the Hemarach Eastern or Map Ta Put, Muang Rayong District, Rayong Province. It manufactures phenol and acetone.

2.3 Adoption of the Agenda

Mr. Prasert Bunsumpun/ Chairman provided the overview of agenda and all members approved it.

2.4 Approval of the minutes of the 2/2014 Joint Meeting of Council and Associates of TBCSD

Mrs. Wilailux Sangtaksin/ Acting Executive Director asked for the approval of the Minutes of the 2/2014 Joint Meeting of Council and Associates of TBCSD.

Resolution: All members acknowledged and approved the Minutes of the 2/2014 Joint Meeting of Council and Associates of TBCSD.

3. Issues for Consideration

3.1 Project Summary in 2014

3.1.1 Progress of Activities/Projects

Mrs. Wilailux Sangtaksin/ Acting Executive Director presented the summary of the progress that there are three programs as follows:

Programme 1: Sustainable Movement

(1) Supporting the Use of Low Carbon Goods and Services

- After the validity period of 3 years, 7 organizations have already renewed the label
 - 1) InterfaceFLOR (Thailand) Co., Ltd.
 - 2) Mitr Phu Viang Co., Ltd.
 - 3) Kasemsakdi Trading Co., Ltd.
 - 4) Microfiber Industries Limited.
 - 5) COTTO
 - 6) Green Spot Co., Ltd.
 - 7) Thai Plastic and Chemicals Public Company Limited

(2) Carbon Reduction Certification for Buildings

- An external organizations (1 building) has been certified -- NECTEC
- 4 member organizations (5 buildings) are in the process of renewing the label
 - 1) The Bangchak Petroleum PCL.
 - 2) Kasikorn Bank PCL.
 - 3) Vinythai Public Company Limited
 - 4) Electricity Generating Authority of Thailand

(3) Alternative Energy Certification

- A member organization is currently under consideration for recognition -- Asia Cement Public Company Limited.

(4) Sustainable and Green Procurement Initiative

▪ The Publication of “Green Purchasing Guideline in the Private Sector” and “Green Product Directory”

(5) Green Meetings

▪ There are currently 79 organizations are being assessed for their compliance with Green Meetings guidelines, and a ceremony was held to present the Green Meetings Certification to 54 organizations

- A member organizations (Bayer Thai Co., Ltd.) and an external organization has been implementing Green Meetings Plus (Srithai Superware PCL. Korat Plant)
- 24 organizations are being monitored and evaluated.
- 28/10/57 A ceremony was held to present the Green Meetings Certification to 10 organizations and Green Meetings Plus Certification to 1 organization (Bayer Thai Co., Ltd.) at Rama Gardens Hotel and Resort

Programme 2: Raising Awareness of Environmental Issue

(1) Global Warming and Health Fund

- The Working Group Meeting to consider an outstanding research excellence and 4 consolation prizes; 12 research (10 Schools) proposals were granted
- The 2/2014 meeting of the Global Warming and Health Fund Committee was organized to consider for funding research projects in 2014 and announce the awards for outstanding research excellence as follows:

An outstanding research excellence

- Matthayomdankhunthod School, Nakhon Ratchasima Province

4 consolation prizes

- Mahachai Phitthayakhan School, Mahasarakham Province
- Maiyawitthayakhom School, Chiang Rai Province
- Plukpunya Municipality School, Phuket Province
- Sampran Wittaya School, Nakornpathom Province

For schools won the Research Excellence Award, they will present their studies in 24 February 2015 and for other schools won honorable mention will exhibit their posters in the event.

(2) Driving Behavior Change toward Sustainable Consumption (Finish it all)

- The 1/2014 meeting of the “Finish it all” project 2014 was organized to consider the funding proposals; 22 of them were granted; 7 of them were at the elementary school level while 13 projects were at the high school level and the last 2 projects were at the higher education level. Operational time for all granted projects are 3 months (July-September 2014)
- Schedule to convene the 2/2014 Meeting in January 2015 to consider the prizes for the 1st place, 2nd place, 3rd place and honorable mentions (in each level) for the Best Concept Award.

(3) The Young Writers Project

- A promotional event was conducted to invite the upper elementary (grade 4-6) and the secondary students (grade 7-12) to submit articles for the 9th Young Writer’s Contest. Students can submit articles before the deadline on January 15, 2015

(4) Producing Media

- The publication of Green Society magazine, 6th year, issue No. 2 (May – August 2014)
- The preparation of Green Society magazine, 6th year, issue No. 3 (September – December 2014)

(5) Eco–School Award/Eco–Hospital Award

- Project Closure

Programme 3: Capacity Building on Environmental Management and Good Practices

(1) Learning Together (Seminar/ Trip)

- In collaboration with Thailand Environment Institute and the National Research Council of Thailand conducted the dialogue on “the Environmental Governance.....Solution for Thai Energy Security” at the Centara Grand & Bangkok Convention Centre at Central World, Bangkok.

- In collaboration with Thailand Environment Institute and the National Research Council of Thailand conducted the dialogue on “Green Procurement, Environmental Conservation from Business to Business and Producers to Consumers” at the Centara Grand & Bangkok Convention Centre at Central World, Bangkok.

- In collaboration with Thailand Environment Institute, Bangchak Petroleum Public Company Limited, Bangkok Business and the Environmental Engineering Association of Thailand conducted the seminar on “Waste to Energy towards Green Society Achievement” at the Landmark Hotel, Bangkok.

- In cooperation with Thailand Environment Institute and Siam City Cement Public Company Limited organized 3 training regarding the environment for youths and students from the vocational education, entitled “the INSEE Green Product knowledge and Green Environmental Training” at following places:

- At Trang, Phuket and Phangnga Technical Collage
- At Sakaeo, Chaeongsao and Prajin Buri Technical Collage
- At Chiang Mai, Lamphoon and Lampang Technical Collage
- At Khon Kaen and Udon Thani Technical Collage

- In collaboration with Thailand Environment Institute schedules the TBCSD Trip: visiting the Pilot Project of Integrated Farming at Champasak University, Lao PDR and the Solar Power Plant at Sirindhorn Dam, Ubon Ratchathani Province from 10-11 December 2014.

(2) A Press conference

- A press conference and the signing ceremony of Memorandum of Understanding (MOU) for “Green Society Magazine by TBCSD collaboratively develops the educational system through the IPST Learning Space of the Institute for the Promotion of Teaching Science and Technology” at ENCO A Building, 14th floor, PTT Global Chemical Public Company Limited.

- A press conference for “the Community Carbon Credit and Mutual Benefit Promotion Project” and Certificate Awarding Ceremony for “Community Carbon Credit and Green

Meetings” at the grand ballroom 2, Rama Garden Hotel, Vibhavadi Rangsit Rd., Laksi, Bangkok.

(3) Miscellaneous (i.e. Social Activities)

■ TBCSD’s member organisations and youths conduct activities and process of social activity planning and learning ways of life of Nakhon Keun Khan Community (Bang Krachao) at Bang Krachao Sub-district, Pra Pa Dang District, Samutprakhan Province in order to promulgate and publicize these towards the society broadly. These can be categorized into 2 groups;

1) Private sector organized 2 activities as follows:

- TBCSD Trip: Social and learning ways of life of Nakhon Keun Khan Community (Bang Krachao) with 25 participants from 6 organisations (EGAT/Bangchak/SCCC/PTTEP/PTT/RATCH).

-The activity of Thailand Energy Academy, entitled “Sensing Forest Value in the City” with 50 participants from TEA 3rd class and media in which this activity was participated by Dr. Sumet as well.

2) Youth group conducted 1 activity as follows:

- Learning activity of forest area conservation and eco-forest recovery of students from Kasetsart University Laboratory School (60 students and parents attended).

■ In cooperation with Thailand Environment Institute and PostToday scheduled to conduct the activity of “Delivery Happiness to Thank Soldiers in 3 Southern Border Provinces” and scheduled to donate stuff to the soldiers on December 9, 2014. 10 member organizations supports budget: (PTT/EGAT/Bangchak/RATCH/SCG/Chevron/Unilever/Mitr Phol/DOW/Vinythai) and Sustainable Energy Foundation.

TBCSD Secretariat

(1) Public Relation

■ Held a press conference and the signing ceremony of Memorandum of Understanding (MOU) for “Green Society Magazine in which TBCSD collaboratively develops the educational system through the IPST Learning Space of the Institute for the Promotion of Teaching Science and Technology” by i.e. Energy Update, Bangkok Business, the Government Public Relations Department, Social & Environment, etc.

■ TBCSD Trip: Social and learning ways of life of Nakhon Keun Khan Community (Bang Krachao) were published by Manager Online, etc.

■ Organised “INSEE Green Product Knowledge and Green Environmental Training” were published by Thansettakij Newspaper.

■ Promoted TBCSD’s activities through several medias; Daily News, Matichon, Siamrath, Siam Turakij, Post Today, Krungthep Turakij, Manager Daily News, Thai Post, Komchadluek, Thairath, Naewna, Sangkom Dee Mai Mee Khai Program, etc.

(2) Associates & PR Meeting

- The TBCSD Secretariat arranged the Associate & PR Working Group Meeting 2/2014 at TEI

(3) Council & Associates Meeting

- The TBCSD Secretariat arranged the 3/2014 Joint Meeting of Council and Associates of TBCSD on December 9, 2014 at PTTGC, ENCO A, Fl.14, Vibhavadi Rangsit Road, Chatuchak, Bangkok.

(3) Establish Relationship between Members

- Continuity Plan

Resolution: All members acknowledged the progress reports.

Comments and Suggestions

1) Mr. Pramote Inswarn/ advisor to TBCSD, asked about implementations of Carbon Credit from September to November 2014. The implementations were interrupted. He asked “what caused interruption?” and were there any obstacles then? He would like the Secretariat Office to clarify these?

- Dr. Qwanruedee/ TEI explained about operations of Carbon Reduction that at present, TGO is a key implementer so we were afraid that the operations would be duplicated. We shifted TBCSD into the Community Carbon Credit operation in Mae Hong Son which is now making progress time to time i.e. delivery of solar panels to communities, installation of solar home, building a small-scale hydrological power plant, etc.

2) Mr. Prasert/ Chairman asked whether “the Manifesto” has been terminated operating or not?

- Dr. Qwanruedee/ TEI described that “the Manifesto” has remained operating but “the VA Project” of Department of Alternative Energy Development and Efficiency (DEDE) under “the Manifesto” has been terminated already.

3.1.2 Progress of Special Projects

Low Carbon Society

(1) Green SIEP: The Sirindhorn International Environmental Park

- In collaboration with RATCH, to organize the activity “Seniors take Juniors to Explore and Study the Ecological System” by planting 300 trees in the area behind the Energy Centre and liberating animals back to the nature at the Sirindhorn International Environmental Park, Phetchaburi Province

(2) Development of the Community Power Plant in Mae Hong Son Province

- A press conference “the Community Carbon Credit and Mutual Benefit Promotion Project” and Certificate Awarding Ceremony for the Community Carbon Credit for 2 supporters who provided support for the Community Solar Energy Promotion Project in Mae

Hong Son Province, namely, Pandora Production Company Limited and the Ratchaburi Electricity Generating Holding Public Company Limited.

- Ratchaburi Electricity Generating Holding Public Company Limited has already installed solar panels in 25 households at Ban Hua Ha Community, Khun Yuam District, Mae Hong Son Province and the solar lanterns were provided to 25 households at Ban Huay Pou Ling in Mae Hong Son Province. It is currently in process of official delivery ceremony on January 11-13, 2015

- To coordinate and monitor the activities of the pilot areas at Ban Hua Ha and Ban Pa Yoi in Mae Hong Son Province from 27-29 November 2014.

(3) Bang Kachao

- Bang Kachao Area is characterized as pig stomach by having Chao Phraya River surrounded in Prapadang District, Samutprakarn Province, consisting of 6 sub-districts which are Songkanong, Bang Kasob, Bang Yor, Bang Numpueng, Bang Kor Bua and Bang Kachao. In order to preserve Bang Kachao Green Space to become the Natural Learning Centre concretely and the communities in the area remain conserving the local way of life sustainably, the initial consultation meeting was conducted to design a project framework on December 24, 2014, including appointing “the Bang Kachao Conservation Project Council for 6 pig stomach districts” to conduct the project, by having Professor Dr. Sanit Aksornkeaw as President and Dr. Qwanruedee Chotichanathawewong as Working Group and Secretariat.

- The 1/2014 The Working Group Meeting was arranged on November 18, 2014 to consider the composition and responsibilities of the committee.

- The 2/2014 The Working Group Meeting was arranged on December 23, 2014 to consider the composition and work plan for next year.

Water Resource Management

Potable Water for Drought-Prone Villages

- A field visits to process of testing samples of ground water of Ban Tung Sawang Samakki Community, Ban Kueng Sub-district, Chiangkwan District, Roi Ed Province by developing the principle of Reverse Osmosis (RO) to improve the quality of water to be potable with 20 participants from 2 organisations (PTT/SCCC)

- PTTGC donated 4 water containers with 2,000 liters containing capacity to be installed instead of the old one that deteriorated already.

- In the process of planning for conducting the activities and discussed action plans for next year

Resolution: All members acknowledged the progress reports.

Comments and Suggestions

1) Mr. Pramote/ Advisor commented on the Water Resource Management Project that giving stuff to people should select good and quality materials for example stainless and for long term.

- Mr. Prasert/ Chairman explained that water has saltiness so we selected a material that is well made of plastic and durable.

3.1.3 Summary of Budget in 2014

Summary

- Income over expenditure 1,650,516 baht

Resolution: All members acknowledged the progress reports.

Comments and Suggestions

1) Mr.Pramote/ Advisor asked about a budget cut of the remaining fund at the end of the year and being carried over into the next year.

- Dr.Qwanruedee/ TEI said that for the 2014 budget, we have 1,650,516 baht left at the moment and this is supposed to be carried over into the year 2015 1,000,000 baht. The remaining 650,516 baht will be allocated to be used in the last 2 months of 2014. If at the end of 2014, this budget still remains, it will be carried over into the year 2015 as well.

- Mr. Pramote/ Advisor suggested that whatever amount is left, the real figures should be shown as such in case of carrying over into the next year so that members will realise the real figures.

3.3 Gala Dinner 2015

Mrs. Wilailux/ Acting Executive Director presented the schedule of Gala Dinner 2015 and exhibition's theme "Economy Movement"

Schedule of Gala Dinner 2015

1) Seminar : Sustainable Material and Sustainable Business (13.00 – 15.30 hrs.)

2) Press Conference (16.30 – 17.30 hrs.)

3) Gala Dinner (18.00 – 20.30 hrs.)

4. Others (if any)

Mrs. Wilailux/ Acting Executive Director presented the Activity of "Delivering Happiness to Thank Soldiers in 3 Southern Border Provinces" (15:00 – 15:30 hrs) at PTTGC, ENCO A, Fl.14, Vibhavadi Rangsit Road, Chatuchak, Bangkok.

Resolution: All members acknowledged the progress reports.

Comments and Suggestions

1) Mr.Prasert/ Chairman recommended that we should also put the Annual Conference in the Gala Dinner event into the annual operating plan.

2) Ms. Lawan/ PTTEP suggested about the special projects focusing on environmental issues that we should proceed with more focus on social aspect as well.

Resolution: The Secretariat would response to each suggestion.

The meeting was adjourned at 15.00 hrs.

Prepared by



Ms. Tamsiri Thairit
Researcher
Thailand Environment Institute



Ms. Pinyada Charoensin
Researcher
Thailand Environment Institute

Approved by



Mrs. Wilailux Sangtaksin
Acting Executive Director
Thailand Business Council for Sustainable Development

List of Participants

Honorary Advisor, Advisors and Committee:

1. Mr. Pramote Inswarnng Advisor
2. Dr. Songkiert Tansamrit Advisor
3. Mr. Prapon Nilvacharamani Advisor

Council Members, Associate Members and Representative Advisors:

1. Mr. Prasert Bunsumpun Chairman
2. Dr. Qwanruedee
Chotichanathawewong Thailand Environment Institute (TEI)
3. Mrs. Chevewan Kiatchokechaikul The Bangchak Petroleum PCL.
4. Mr. Withaya Wichayangjaridh Bayer Thai Co., Ltd.
5. Mr. Sutee Smudraprabhud Charoen Pokphand Foods Public Company Limited
6. Ms. Rattikan Chaiwanit Chevron Thailand Exploration and Production, Ltd.
7. Ms. Chalida Narongsirikul Chevron Thailand Exploration and Production, Ltd.
8. Mrs. Chirawan Jaturapatpaibul Electricity Generating Authority of Thailand (EGAT)
9. Mr. Tatree Riewcharoen Electricity Generating Authority of Thailand (EGAT)
10. Mr. Sanit Niyamakom Electricity Generating Authority of Thailand (EGAT)
11. Mr. Tatiya Chankhasamsak Honda Automobile (Thailand) Co., Ltd.
12. Mr. Wichar Songprayoon Industrial Estate Authority of Thailand
13. Ms. Wornrapee Nakpetch Industrial Estate Authority of Thailand
14. Ms. Apatcharee Ploysomboon Kasikorn Bank PCL.
15. Ms. Churee Naktipawan Mitr Phol Group
16. Ms. Lawan Pornsakulsakdi PTT Exploration and Production PCL.
17. Mr. Pramin Phantawesak PTT Phenol Company Limited
18. Ms. Sompornsiri Semnum PTT Phenol Company Limited
19. Ms. Sontaree Suakham PTT Phenol Company Limited
20. Mr. Warophat Kimchuwanit PTT Phenol Company Limited
21. Ms. Kunwadi Chantaraparn PTT Public Company Limited

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| 22. | Mr.Sarun Rungkasiri | PTT Public Company Limited |
| 23. | Ms.Boontiva Dansamasatid | Ratchaburi Electricity Generating Holding PCL. |
| 24. | Mr.Suparchai Pojpanich | Ratchaburi Electricity Generating Holding PCL. |
| 25. | Mr.Nava Chantanasurakon | Sahaviriya Steel Industries PLC. |
| 26. | Mr.Padungsak Pranudomrat | Sahaviriya Steel Industries PLC. |
| 27. | Ms. Cholticha Chongrungkeerati | Sahaviriya Steel Industries PLC. |
| 28. | Ms. Dusita Kolaka | Vinythai Public Company Limited |

Secretariat Office:

- | | | |
|----|--------------------------|--------------------------------|
| 1. | Mrs. Wilailux Sangtaksin | Thailand Environment Institute |
| 2. | Ms. Pinyada Charoensin | Thailand Environment Institute |
| 3. | Ms. Temsiri Thairit | Thailand Environment Institute |
| 4. | Ms. Sasiporn Iamornng | Thailand Environment Institute |