

*Minutes of  
The 2/2013 Joint Meeting of Council and Associates of  
Thailand Business Council for Sustainable Development (TBCSD)*

Date: December 19, 2013; 14.00 – 16.00 hrs

Venue: at Meeting Room 3, Carpets International Thailand PCL.

**The meeting began at 14.00 hrs.**

**1. Chairman's Remark**

Mr. Prasert Bunsumpun, the Chairman of TBCSD, expressed his gratitude to the audience to participate the meeting on that day.

**2. Business Session**

**2.1 Adoption of the Agenda**

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

**2.2 Approval of the minutes of the 1/2013 Joint Meeting of Council and Associates of TBCSD**

Dr. Uratchwee Unhalekhaka, the Executive Director of TBCSD, asked for the approval of the Minutes of the 1/2013 Joint Meeting of Council and Associates of TBCSD.

**Resolution:** All members acknowledge and approved the Minutes of the 1/2013 Joint Meeting of Council and Associates of TBCSD.

**3. Issues for Consideration**

**3.1 Project Summary in 2013**

**3.1.1 Activities/Projects**

Dr. Uratchwee presented the summary of the progress that there were 5 programs as follows:

**Programme 1: Policy Development in Thailand**

Programme 1 aimed for Low carbon and green society operating in 2 parts consists of 1) Carbon reduction and 2) Carbon capture.

**(1) TBCSD Manifesto and Voluntary Agreement for Energy Efficiency in Business**

There are presently 24 organizations express their interest to take part in the Manifesto; 20 members and 4 external organizations.

**Activities**

▪ “Voluntary Agreement for Energy Efficiency in Buildings 2013” campaign was publicized to create wider range of networks.

- 20/04/13 at Metropole Phuket Hotel, Phuket province
  - 27/04/13 at Nora Buri Resort and Spa, Koh Samui, Surat Thani Province
  - 30/04/13 at Industrial Estate Authority of Thailand
  - 22/05/13 at Department of Alternative Energy Development and Efficiency (DEDE)
  - 18/06/13 at Energy Complex
- 26/06/13 Arranged “Dinner Talk to Unite Samui Businessmen toward Voluntary Agreement for Energy Efficiency” at @ Beach Room, Kanda Buri Resort and Spa Hotel, Koh Samui, Surat Thani Province.

### **Training Courses/Site Visits**

#### About

- Capacity building in energy conservation for building
- Raise Awareness
- Guideline for designing energy efficiency building

#### Output

- There are 238 organizations (1,120 persons) attended training courses and participated in study visits.

### **(2) Green Meetings**

There are currently 52 organizations are being assessed for their compliance with Green Meetings guideline, and 40 organizations have been implementing while 12 organizations are being monitored and evaluated. A ceremony was held to present the Green Meetings Certification to 25 organizations.

### **(3) Supporting the Use of Low Carbon Goods and Services**

There are currently 9 member organizations received Carbon Reduction Label which lower GHGs emission 5,331,639 tonCO<sub>2</sub>e per year (44 organizations, 180 products). After the validity period of 3 years, a member is in the process of renewing the label and 6 organizations have already done.

- 18/06/13 - 5<sup>th</sup> Carbon Reduction Label ceremony was organized to 5 organizations and Renewal of Carbon Reduction Label ceremony was organized to 14 organizations and 1<sup>st</sup> Carbon Reduction Label for Community Products ceremony was organized to 4 organizations.
- Published “Guideline for Certification of Carbon Reduction Label (Community Products)” (2,000 copies) in order to promote the reduction of energy consumption and waste production.

#### **(4) Carbon Reduction Certification for Buildings**

There are currently 6 member organizations (10 buildings) and 2 external organizations (3 buildings) have been certified; 4 member organizations and 4 external organizations which are being assessed for certification.

- 18/06/13 - 4<sup>th</sup> Carbon Reduction Certification for Building ceremony was organized to Bangkok Aviation Fuel Services PCL (2 buildings).

#### **(5) Alternative Energy Certification**

- 18/06/13 - 1<sup>st</sup> Alternative Energy Certification ceremony was organized to 3 organizations (a member and 2 external organizations)

#### **(6) GHGs Emission Reduction**

In 2013, 9 members of TBCSD have been capable to reduce the emission of GHGs to 21.54 MtonCO<sub>2</sub>e and the private sector achieved the greenhouse gas emission reduction through the use of low carbon goods and services, Carbon Reduction Certification for Buildings and Alternative Energy Certification to 5.39 MtonCO<sub>2</sub>e.

#### **(7) Global Warming and Health Fund**

Activity related to provide of young generation with local research on “Effects of Global Warming on Ecosystem, Environment and Health”.

- 31/05/13 at Pearl Hotel in Phuket Province (11 schools, 126 persons)
- 20/06/13 at Bussarakam Hotel in Khon Kaen Province (9 schools, 105 persons)
- 28/06/13 at Wangsumran Hotel in Prachinburi Province (8 schools, 110 persons)
- 04/07/13 at KU-Home Hotel in Bangkok (11 schools, 134 persons)
- 11/07/13 at Luckswan Resort in Chiang Rai Province (8 schools, 115 persons)
- 17/10/13 The meeting of the Global Warming and Health Fund Committee was organized to consider for funding research projects (year 2013) and announce the awards for outstanding research excellence were as follows:
  - An outstanding research excellence
  - 4 consolation prizes
- 24/10/13 A press conference was organized to announce the charity football match between Channel 3 All Star team and Thailand Energy Academy (T.E.A. 3), the Ministry of Energy and the Industrial Estate Authority of Thailand’s management team.
- 13/12/13 The charity football match for fund-raising was organized at Muang Thong Thani stadium, 16.00-18.00 hrs.

#### **(8) Sustainable and Green Procurement Initiative**

- 18/06/13 - 2<sup>nd</sup> press conference on “Sustainable and Green Procurement Initiative” at Executive Lounge, 6<sup>th</sup> Floor, Building C, Energy Complex.

- Preparing a guide for green procurement in the private sector

## **Programme 2: Capacity Building with regards to Business Competitiveness and Good Practices**

### **(1) Learning Together**

- 18/02/13 Seminar on “Ways to increase value and service of ecosystem for business sector”
- 14-17/03/13 TBCSD Trip: Visiting Baan Sam Kha and “Forest Conservation, Human Development, 84 Tambons on a Sufficiency Path Project” of Mae Ta Community and Fang Geothermal Power Plant; and join the social creativity at Baan Sam Kha, Lampang Province, Mae Ta Community and Fang Geothermal Power Plant, Chiang Mai Province.
- 20-21/05/13 TBCSD Trip: Visiting the area of operation of the development of a community power plant in Mae Hong Son Province
- 03/07/13 In collaboration with Unilever Thai Trading Ltd., Thailand Environment Institute and Thai Society of Environmental Journalists to organize a meeting on the topic “Decoupling Growth and Environmental Impact: The Total Value Chain Approach” at Grand Ballroom, 3<sup>rd</sup> Floor, Okura Prestige Hotel, Bangkok.
- 10-17/08/13 TBCSD Trip: Sustainable Energy and Ecological System Services in England
- 12-13/11/13 TBCSD Trip: A field trip to observe the alternative energy...Solar Cell for generating power at Baan Hua Ha and Baan Pa Bong in Mae Hong Son Province

### **(2) Seminars with Thailand Environment Institute**

- 25/04/13 Seminar on “Global Movement on Environmental Governance and Anti Corruption” at Thailand Environment Institute
- 30/07/13 Discussion on “The Furtherance of Environmental Operation...The New Role of Business Sector”

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

- April 2013 TBCSD members collected available items to help sufferers from fire disaster at Baan Mae Surin Evacuation Center, Khun Yuam District, Mae Hong Son Province.
- 21/06/13 In collaboration with Ratchaburi Electricity Generating Holding PCL and Thailand Environment Institute to support the project “Raising awareness of energy efficiency in school students” under Department of Alternative Energy Development and Efficiency (DEDE).
- In cooperation with members to help flood victims
  - 25/09/13 1<sup>st</sup> in Prachinburi Province
  - 08/10/13 2<sup>nd</sup> in Prachinburi Province

- 16/10/13 3<sup>rd</sup> in Prachinburi and Chachoengsao Province

### **Programme 3: Raising Public Awareness of Culture and Environmental Issues**

#### **(1) Producing Media**

- The publication of Green Society magazine, 5<sup>th</sup> year, issue No.1 (January-April)
- The publication of Green Society magazine, 5<sup>th</sup> year, issue No.2 (May-August)
- The preparation of Green Society magazine, 5<sup>th</sup> year, issue No.3 (September-December)

#### **(2) Eco-School Award**

- 18/06/13 The 4<sup>th</sup> Eco-School Award ceremony was held at Synergy Hall, 6<sup>th</sup> Floor, Building C, Energy Complex, Bangkok.
- 25/11/13 The Eco-School Award committee meeting was organized to consider for 5 schools that passed to the second round of investigation (December 2013-January 2014).

#### **(3) Eco-Friend Award**

In between the publicizing of the project “Finish it all” to student in schools throughout the country. Currently the posters and brochures have been distributed to 10 schools under Bangkok Metropolitan Administration and will expand the project further to others.

#### **(4) Eco-Hospital Award**

- 18/06/13 The 2<sup>nd</sup> Eco-Hospital Award ceremony was organized at Synergy Hall, 6<sup>th</sup> Floor, Building C, Energy Complex, Bangkok.
- 22/11/13 The Eco-Hospital Award committee meeting was organized to consider for 6 hospitals that passed to the second round of investigation (December 2013-January 2014).

#### **(5) The Young Writers Project**

- 18/06/13 The 7<sup>th</sup> Young Writers award ceremony was organized at Synergy Hall, 6<sup>th</sup> Floor, Building C, Energy Complex, Bangkok.
- A promotional event was conducted to invite the upper elementary (grade 4-6) and the secondary (grade 7-12) students to submit articles for the 8<sup>th</sup> Young Writer’s Contest. Students can submit articles before the deadline on January 15<sup>th</sup>, 2014.

##### Elementary schools chose two essay topics

- Title 1. “Environmental products I want to buy”  
2. “Business Environment in my community”

##### Secondary schools chose two essay topics

- Title 1. “Examples of environmental concerns in the business environment”  
2. “The need to operate in together with the environment toward AEC”

## **Programme 4: Reaching Out to the Public and Creating Wider Range of Networks**

### **(1) Public Relation**

Students and general public people's multimedia clips on "Finish it all" which awarded since October 5<sup>th</sup>, 2012 was posted at pantip.com for popular vote and the highest score are;

- Student: Eco-Ranger team
- Public: The Origin (Jud Rerm Ton) team
- 14/06/13 The journalist from Channel 3 had broadcasted the TBCSD Trip on May 20<sup>th</sup>-21<sup>st</sup>, 2013: Visiting the area of operation of the development of a community power plant in Mae Hong Son Province.
- 18/06/13 A press conference on "Sustainable and Green Procurement Initiative", Green Meetings Certification ceremony, Carbon Reduction Label for products, buildings and community products ceremony, and Alternative Energy Certificate ceremony at Executive Lounge, 6<sup>th</sup> Floor, Building C, Energy Complex.
- In collaboration with Thailand Environment Institute and Give & Green magazine, "Finish it all" photo contest was organized and the deadline is on December 30<sup>th</sup>, 2013.

### **(2) Annual Conference**

- 18/06/13 The annual seminar and Gala Dinner were held at Synergy Hall, 6<sup>th</sup> Floor, Building C, Energy Complex, Bangkok.

## **Programme 5: Creating Close Relationship between Members**

### **(1) Development of a Database for Members - Council, Associate and PR**

- TBCSD discussed with the public relation team of each member organization to improve the latest database.
- Additional data was collected for including in the database.
- Information was collected for projects by TBCSD members for obtaining baseline data, so that the project could be pushed further into the implementation stage.

### **TBCSD Secretariat**

#### **(1) TBCSD Members Meeting**

- The TBCSD Secretariat arranged the 1/2013 Joint Meeting of Council and Associates of TBCSD at Ratchaburi Electricity Generating Holding PCL (22 organizations, 51 persons).

#### **(2) Associate and PR Meeting**

- The TBCSD Secretariat arranged the Associate & PR Working Group Meeting 1/2013 at TEI (10 organizations, 23 persons).

- The TBCSD Secretariat arranged the Associate & PR Working Group Meeting 2/2013 at TEI (14 organizations, 23 persons).

- The TBCSD Secretariat arranged the Associate & PR Working Group Meeting 3/2013 at TEI (8 organizations, 20 persons).

### **3.1.2 Special Projects**

#### **Low Carbon Society**

##### **(1) Green SIEP: The Sirindhorn International Environmental Park**

- 17/07/13 The closing ceremony for the 1<sup>st</sup> phase and opening ceremony for the 2<sup>nd</sup> phase (new area): Ecological Learning Site of Koh Nok in the Sirindhorn International Environment Park and launching the “Tree Planting” website, was organized at King Rama VI Army Camp, Cha-am District, Phetchaburi Province. There are 200 trees planted which are Silver trumpet tree, Copper pod, Jambolan plum and Alexandrian laurel (8 organizations and students from Rachpracha 47 School, 80 persons).

##### **(2) Koh Klang: Carbon Capture and Storage Island**

- The project staffs has been planning and analyzing the results after the mangrove forest was planted by examining the survival rate, growth rate and biodiversity in the area.

##### **(3) Samui: Green Island**

TBCSD conducted the outstanding research excellence of Global Warming and Health Fund Titled “The study of the efficiency of waste fuel derived from grease in grease traps of Plaibarng Municipality, Bangkruay District, Nonthaburi Province” by Thepsirin School, Nonthaburi to hotel business in order to extend their use of alternative energy and waste management efficiently.

##### **(4) Development of a Community Power Plant in Mae Hong Son Province**

- 20-21/05/13 TBCSD Trip: Visiting the area of operation of the development of a community power plant in Mae Hong Son Province.

- 15-16/08/13 Activities related to provide of young generation with local research on “Alternative energy, renewable energy, and energy conservation” at Imperial Hotel in Mae Hong Son Province.

- 17/09/13 A seminar on “Opportunities for Energy Investment in Mae Hong Son Province” at Swissotel Nai Lert Park, Wireless Road, Bangkok.

- 17/10/13 The meeting of the Global Warming and Health Fund Committee was organized to consider for endowing 2 research projects on “Alternative energy, renewable energy and energy conservation” to Baan Wana Luang School and Khun Yuam Wittaya School.

- 12-13/11/13 TBCSD Trip: A field trip to observe the alternative energy...Solar Cell for generating power at Baan Hua Ha and Baan Pa Bong in Mae Hong Son Province.

#### **(5) TBCSD Hotline**

- April 2013 TBCSD members collected available items to help sufferers from fire disaster at Baan Mae Surin Evacuation Center, Khun Yuam District, Mae Hong Son Province.
- In cooperation with members to help flood victims
  - 25/09/13 1<sup>st</sup> in Prachinburi Province
  - 08/10/13 2<sup>nd</sup> in Prachinburi Province
  - 16/10/13 3<sup>rd</sup> in Prachinburi and Chachoengsao Province

### **Water Resource Management**

#### **Potable Water for Drought-Prone Villages**

According to the test results of the quality of groundwater from an artesian well at Baan Tung Sawang Samakki Community, Baan Khueang Sub-district, Chiangkwan District, Roi Ed Province found that it is not suitable for drinking; therefore, Mr. Nuttachart Charuchinda the President of Water Resource Management Group set up plan to apply the Reverse Osmosis (RO) to improve the quality of water

#### **3.1.3 Budget in 2013**

##### 1. Income

- |                              |                       |
|------------------------------|-----------------------|
| ▪ Members (32 organizations) | 8,000,000 Baht        |
| ▪ Budget from 2012           | 1,000,000 Baht        |
| ▪ <b>Summary</b>             | <b>9,000,000 Baht</b> |

##### 2. Expenditure

- |                      |                       |
|----------------------|-----------------------|
| ▪ <b>Outlay</b>      | <b>7,679,610 Baht</b> |
| - Project Activities | 5,389,012 Baht        |
| - TBCSD Secretariat  | 2,290,598 Baht        |

##### 3. Summary

- |                                  |                       |
|----------------------------------|-----------------------|
| ▪ <b>Income over expenditure</b> | <b>1,320,390 baht</b> |
|----------------------------------|-----------------------|



Detail	Estimated revenue	Expenditure
<u>1. Project Activities</u>	6,500,000 Baht	5,389,012 Baht
▪ Programme 1 Policy development in Thailand	1,400,000 Baht	1,117,542 Baht
▪ Programme 2 Capacity building with regard to business competitiveness and good practices	1,650,000 Baht	1,494,696 Baht
▪ Programme 3 Raising public awareness of culture and environmental issue	1,000,000 Baht	963,718 Baht
▪ Programme 4 Reaching out to the public and creating wider range of networks	2,450,000 Baht	1,813,056 Baht
▪ Programme 5 Creating close relationship between members	-	-
<u>2. TBCSD Secretariat</u>	2,500,000 Baht	2,290,598 Baht

Special projects

▪ Income	3,290,000 Baht
▪ Expenditure	2,039,943 Baht
▪ Budget Remain	1,250,057 Baht

Green SIEP: The Sirindhorn International Environmental Park

▪ Income	300,000 Baht
▪ Expenditure	216,978 Baht
▪ Budget Remain	83,022 Baht

Remark The budget was audited by Price Waters House Coopers.

### 3.2 Work Plan in 2014

#### 3.2.1 Activities/Projects

Dr. Uratchwee presented the plan to expand TBCSD members, 3-year Road Map (2014-2016), and work plan in 2014 that;

#### **Member Base Expansion**

TBCSD will create wider range of networks with many other sectors ex. Telecommunication, Media, Public organizations and Educational institutions

### **3-Year Road Map (year 2014-2016)**

There would be 3 programs as follows:

#### **- Programme 1 Sustainable Movement**

- Carbon Reduction Label
- Carbon Reduction Certification for Buildings
- Alternative Energy Certification
- Manifesto for Energy Efficiency in Building
- Sustainable and Green Procurement Initiative
- Green Meetings Plus
- GHGs Emission Reduction

#### **- Programme 2 Raising Awareness for Low Carbon and Green Society**

- Global Warming and Health Fund
- Driving Behavior Change toward Sustainable Consumption (Finish it all)  
(Budget: 550,000 Baht)

##### Scope of work

- Promote the activity
- Set up the committee
- Selected projects to undertake the activities during of 3-4 months
- Award the winning projects with scholarship, plaque and certificate

- 9<sup>th</sup> Year Young Writers Award (Budget: 150,000 Baht)
- Producing Media

#### **- Programme 3 Capacity Building on Environmental Management & Good Practices**

- Learning Together
- Training/Seminar
- Miscellaneous (i.e. Social Activities)

#### **- TBCSD Secretariat**

- Public Relation
- Annual Conference
- TBCSD Meetings (Advisor/Council/Associates/ PR Working Group)
- Establish Relationship between Members

### 3.2.2 Special Projects

#### - Low Carbon Society

##### **(1) Green SIEP: The Sirindhorn International Environmental Park**

(Budget: 100,000 Baht)

In 2014, the area behind the energy center in the Sirindhorn international environmental park will be renovated to provide open space about 13 rai which divided into 3 areas:

- Phase 1 area (3.73 rai, 750 trees)
- Phase 2 area (3.52 rai, 750 trees)
- Phase 3 area (5.37 rai, 1000 trees)

##### **(2) Development of a community power plant in Mea Hong Son province**

###### Targeted areas:

1. Baan Huai Pu Ling (Hydro power), 3.5 kW (PTT)
2. Baan Hua Ha (Solar cells), 3 kW (RATCH)
3. Baan Pa Yoi (Hydro power), 3.5 kW (EGAT)

###### Scope of work

1. Explore the possibility of establishing community power plants
2. Assess the operation
3. Develop and design power plants
4. Raise funds for the project
5. Execute operations

Mr. Sirithan Pairoj-Boriboon, the Advisor of TEI, presented the summary of LCRs as follows:

###### Local Carbon Reduction Scheme: LCRs

1. Consider co-benefits for the carbon reduction activities
2. Assess the carbon reduction activities based on Thailand Voluntary Emission Reduction (TVER) by TGO
3. Prepare the methodology

##### **(3) TBCSD Hotline: A Support Network Natural Disasters**

###### Guidelines for Implementation:

- Planning for the disaster in terms of preparing for prevention
- Seminar for disseminating knowledge about natural disasters

#### - Water Resource Management

##### **(1) Potable Water for Drought-Prone Villages**

###### Guidelines for Implementation:

- Cooperation between government, private sector and community groups in the surrounding area

- Continue tracking the performance of the project to set guidelines for implementation for activities in the next phase

### 3.2.3 Budget in 2014

#### 1. Estimated Revenue

- Members (32 organizations) 8,000,000 Baht
- Budget from 2013 1,000,000 Baht
- **Summary 9,000,000 Baht**

#### 2. Estimated Expenditure

- Summary 9,000,000 Baht

Detail	Estimated Expenditure
<u>1. Project Activities</u>	3,870,000 Baht
▪ Programme 1 Sustainable Movement	1,570,000 Baht
▪ Programme 2 Raising Awareness of Environmental Issue	700,000 Baht
▪ Programme 3 Capacity Building on Environmental Management & Good Practices	1,600,000 Baht
<u>2. TBCSD Secretariat</u>	5,130,000 Baht

### 3.3 Gala Dinner 2014

Mr. Prasert Bunsumpun stated that the organizing of Gala Dinner 2014 should be held at the end of April, 2014 and will arrange an appointment for considering the event's theme later.

### 4. Other Matters

Dr. Qwanruedee Chotichanathawewong, the President of TEI, invited TBCSD members to join the "Dinner Talk: Business Leaders for Energy Efficiency" which organized by the Department of Alternative Energy Development and Efficiency (DEDE) in collaboration with Thailand Environment Institute, Thailand Business Council for Sustainable Development (TBCSD) and Industrial Estate Authority of Thailand (IEAT) on December 24, 2013 at the Crystal Hall, Plaza Athénée Bangkok, A Royal Méridien Hotel, Wireless Road, Bangkok.

### **Comments and Suggestions**

Mr. Prasert Bunsumpun suggested preparing the minutes of Gala Dinner to inform the members about the main point of the meeting

Mr. Pramote Inswarnng suggested arranging Gala Dinner as the annual agenda and considering about the available exhibition space for members.

Mr. Withaya Wichayarangjaridh agreed with the Anti-Corruption seminar for introducing into the 2014 Plan and inviting TBCSD members to express their mutual determinations in Anti-Corruption substantially.

Mr. Parkpoom Jarnyaharn suggested TBCSD plan should raise sustainability as the main point and support with the Anti-Corruption issue.

Mr. Pramote Inswarnng suggested that Anti-Corruption being the interesting topic, if there is related seminar or event, there should be news publication and should arrange a signing ceremony to notify the media.

Mr. Vorapong Vorasuntharosoht suggested publicizing TBCSD work in Thailand.

Mr. Pramote Inswarnng suggested reporting the audit of TBCSD's annual budget to the members.

Mr. Prasert Bunsumpun and Mr. Pramote Inswarnng suggested that there should be membership fee exemption for the media or free TV organizations, if they help to promote TBCSD.

### **The meeting was adjourned at 16.00 hrs.**

#### **Prepared by**



Ms. Tamsiri Thairit  
Researcher  
Thailand Environment Institute



Ms. Pinyada Charoensin  
Researcher  
Thailand Environment Institute

#### **Approved by**



Dr. Uratchwee Unhalekhaka  
Executive Director  
Thailand Business Council for Sustainable Development

## **List of Participants**

### **Council Members, Associate Members and Representative Advisors:**

1. Mr. Prasert Bunsumpun Chairman
2. Dr. Qwanruedee  
Chotichanathawewong Thailand Environment Institute
3. Mr. Parkpoom Jarnyaharn Carpet International Thailand PCL.
4. Mr. Vorapong Vorasuntharosoth Dow Chemical Thailand Ltd.
5. Mr. Withaya Wichayarangjaridh Bayer Thai Co., Ltd.
6. Mr. Amnuay Tangrod KASIKORNBANK Public Company Limited
7. Ms. Waritsanan Pattanathawekij Amway (Thailand) Co., Ltd.
8. Mr. Sutee Smudraprabhud Charoen Pokphand Foods Public Company Limited
9. Ms. Patcharaporn Sagulwiwat Charoen Pokphand Foods Public Company Limited
10. Ms. Rutchadaporn Siangsanoh Electricity Generating Authority of Thailand
11. Ms. Thidathep Luekhuntod Electricity Generating Authority of Thailand
12. Ms. Wornrapee Nakpetch Industrial Estate Authority of Thailand
13. Mrs. Promjit Rattakitvijan  
Na Nakorn PTT Public Company Limited
14. Mr. Pichapong Pokapun PTT Public Company Limited
15. Ms. Sireetorn Maneeapan PTT Public Company Limited
16. Mr. Nattawut Trachoo Siam City Cement Public Company Limited
17. Mr. Santi Wasanasiri Thai Oil Public Company Limited

**Honorary Advisor, Advisors and Committee:**

1. Mr. Pramote Inswarng                      Advisor
2. Mr. Narong Boonyaquan                  Advisor
3. Mr. Veera Akaraputhiporn                Advisor
4. Dr. Songkiert Tansamrit                  Advisor

**Secretariat Office:**

1. Mr. Sirithan Pairoj-Boriboon              Thailand Environment Institute
2. Dr. Uratchwee Unhalekhaka                Thailand Environment Institute
3. Ms. Pinyada Charoensin                    Thailand Environment Institute
4. Ms. Tamsiri Thairit                         Thailand Environment Institute
5. Ms. Sasiporn Iamornng                      Thailand Environment Institute