



The 2/2015 Joint Meeting of Council and Associates of Thailand Business Council for Sustainable Development (TBCSD)

December 16th, 2015; 13:30 – 15:30 hrs
at Board Meeting Room, Fl.23, PTT Head Office Building 1
Vibhavadi Rangsit Road, Chatuchak, Bangkok



Agenda item 1

Chairman's Remark



Mr. Sirithan Pairoj-Boriboon

Acting President of Thailand Environment Institute



Dr. Qwanruedee Chotichanathawewong

Advisor



Agenda item 2

Business Session



Agenda item 2.1

Adoption of the Agenda



Adoption of the Agenda

- Item 1 Chairman's Remark
- Item 2 Business Session
 - 2.1 Adoption of the Agenda
 - 2.2 Approval of the Minutes of the 1/2015
- Item 3 Issues for Acknowledgement
 - 3.1 Project Summary in 2015
 - 3.1.1 Progress of Activities/Projects
 - 3.1.2 Progress of Special Projects
 - 3.1.3 Summary of Budget in 2015
- Item 4 Issues for Consideration
 - 4.1 Work Plan in 2016
 - 4.1.1 Activities/Projects
 - 4.1.2 Special Projects
 - 4.1.3 Budget in 2016
 - 4.2 ECO-PRODUCTS INTERNATIONAL FAIR 2016
- Item 5 Others (if any)



Agenda item 2.2

Approval of the Minutes of
the 1/2015



Agenda item 3

Issues for Acknowledgement



Agenda item 3.1

Project Summary in 2015



Agenda item 3.1.1

Progress of Activities/Projects

Progress of Activities/Projects

Programme 1 Sustainable Movement

Programme 2 Raising Awareness of Environmental Issue

Programme 3 Capacity Building on Environmental
Management & Good Practices



Programme 1 : Sustainable Movement

1. Green Label - 506 Models : 26 products categories : 68 companies (November 2015)



No.	Products	Model	No.	Products	Model
1	Recycled Plastics	4	15	Cement Board	1
2	Fluorescent Lamps	6	16	Products Made from Cloth	2
3	Paints	136	17	Canopy and Deck Cover for Motor Vehicle	1
4	Ceramic Sanitary Wares : Water closets	13	18	Air Conditioner	3
5	Paper	99	19	Steel Furniture	8
6	Laundry Detergent Products	9	20	Bricks and blocks	2
7	Faucets and Water Saving	17	21	Printers	5
8	Building Materials: Thermal Insulation	25	22	Car	21
9	Dishwashing Detergents	2	23	Plastic floor covers	2
10	Products made from rubber wood	2	24	Gypsum product	1
11	Surface Cleaners	6	25	Stationary products	13
12	Correcting Agent	3	26	Fire Extinguisher	3
13	Photocopiers	121			
14	Cement Roof Tiles	1			
Total models					506

Programme 1 : Sustainable Movement

2. Carbon Reduction Label



- Carbon Reduction Label Project conducted an exhibition :
 - 18-20/09/15 - The Save The World Expo at BITEC
 - 10-18/10/15 - Thai International Travel Fair. at Impact Challenger Hall 5, Muang Thong Thani.
 - 30/10/15 - CPTGF Love Green Earth 2015. at CP LAND
- 2 organizations have already the label
- After the validity period of 3 years, 6 organizations are in the process of renewed the label
- A organization is in the process of the label

Programme 1 : Sustainable Movement

3. Carbon Reduction Certification for Buildings



- A member organization (1 building) is in the process of renewing the label – EGAT



- A member organization (1 building) is being assessed - EGAT

Programme 1 : Sustainable Movement

4. Green Meetings

Green Meetings – 74 organizations

5 organizations have already
monitored the Green Meetings

being monitored 11 organizations

Green Meetings Plus – 8 organizations

4 organizations have already
monitored the Green Meetings Plus

being monitored 1 organizations



Programme 1 : Sustainable Movement

5. Sustainable and Green Procurement Initiative

- 14/07/15 Collaboratively organizing an exhibition to promote and publicise environmentally-friendly products in a construction material sector in the 2015 Annual Academic Conference and Exhibition, entitled “2015 Thai Green Building and Conference” at BITEC, held by Thai Green Building Institute.

Programme 2 : Raising Awareness of Environmental Issue

1. Global Warming and Health Fund



กองทุนสุขภาพในสภาวะโลกร้อน

Operational Time
(July-September 2015)

Final Consideration :
9 Research Proposals

Funding

31 Research Proposals
were Granted

47 Research Proposals

Programme 2 : Raising Awareness of Environmental Issue

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



Operational Time
(July-September 2015)

Final Consideration :
10 Project Proposals

Funding

10 Project Proposals
- Elementary School : 3
- High School : 7

62 Project Proposals



Programme 2 : Raising Awareness of Environmental Issue

4. Universal Design



- **26/10/15** In collaboration with Universal Design Ambassadors and Double A conducted a scoop of the universal design at “Kitti Damnoen Chanwit Learning Center House” in Chachoengsao Province by Mr. Kitti Dumnernchanvanit participated in the study.
- **10/11/15** In collaboration with Universal Design Ambassadors and RATCH conducted a scoop of the universal design promotion in the organization for the Ratchaburi Electricity Generating Holding PCL by having Mr. Rum Herabat and Dr. Qwanruedee participated in the study.



Programme 2 : Raising Awareness of Environmental Issue

5. Producing Media

The preparation of Green Society magazine,
7th year, issue No. 3 (September – December 2015)



Green Society 7th year, issue No. 1
(January – April 2015)



The Institute for the Promotion of
Teaching Science and Technology (IPST)
<http://www.scimath.org/greensociety>

Programme 3 Capacity Building on Environmental Management & Good Practices

1. Learning Together (Seminar/Trip)

Date	Detail
<u>18/08/15</u>	Seminar on “Sustainably Environmental Development could not occur...without Human Rights”, in Thailand Research Expo 2015. at Central World
<u>24-25/09/15</u>	TBCSD Trip: to study scientific knowledge sources and visit TBCSD members’ projects in Rayong Province. This TBCSD Trip was attended by 8 organisations (Carpet/EGAT/KTB/RATCH/SCG/ThaiNamthip/Vinythai/TEI)
<u>02/10/15</u>	Seminar on “Business Way towards...Corporate Citizenship responsible for World Society” (The United Nations Global Compact: UNGC). at Armyclub.
<u>20-24/10/15</u>	TBCSD Trip: A Technical Visit on Urban Development towards Green Growth and Low-Carbon Society in Korea.



Programme 3 Capacity Building on Environmental Management & Good Practices

2. Miscellaneous (i.e. Social Activities)

Date	Detail
03/10/15	The Activity “Brothers together plant Trees...to Reduce Global Warming by Our Hands” at the Sirindhorn International Environmental Park, Phetchaburi Province. (50 participants)



TBCSD Secretariat

1. Public Relation

- ❖ The scoop of seminar on “Sustainably Environmental Development could not occur... without Human Rights” by Pathumwan District Office Website, Naewna Newspaper etc.
- ❖ The scoop of seminar on “Business Way towards...Corporate Citizenship responsible for World Society” (The United Nations Global Compact: UNGC). by ThaiPR.net, Gotoknow, iHDC Website, etc.
- ❖ The scoop of the universal design promotion in the organization for Khun Kitti Learning Center by Nationchannel.
- ❖ The scoop of the universal design promotion in the organization for RATCH by Nationchannel.
- ❖ In the process update the information in [TBCSD website](#)

TBCSD Secretariat

2. Associates & PR Meeting

Date	Detail
03/09/15	The TBCSD Secretariat arranged the Associate & PR Working Group Meeting 2/2015 at TEI
24/11/15	The TBCSD Secretariat arranged the Associate & PR Working Group Meeting 3/2015 at TEI

3. Council & Associates Meeting

Date	Detail
16/12/15	The TBCSD Secretariat arranged the 2/2015 Joint Meeting of Council and Associates of TBCSD at Board Meeting Room, Fl.23, PTT Head Office Building 1, Vibhavadi Rangsit Road, Chatuchak, Bangkok



Agenda item 3.1.2

Progress of Special Projects



Special Projects

1) Low Carbon Society

2) Water Resource Management

Low Carbon Society

1. Green SIEP: The Sirindhorn International Environmental Park

❖ 03/10/15 In collaboration with TEI, organize the activity “Brothers together plant Trees...to Reduce Global Warming by Our Hands” at the Sirindhorn International Environmental Park, Phetchaburi Province. (50 participants)



Low Carbon Society

2. Development of the Community Energy System in Mae Hong Son Province

Area	Detail
(Ban Hua Ha) RATCH	TBCSD Secretariat conducting a field survey to gather data and M&E process (Monitoring and Evaluating) for community carbon credit at Ban Hua Ha Community, Khun Yuam District, Mae Hong Son Province.
(Ban Huay Pou Ling) PTT	The Solar System Installation Project at Ban Huay Pou Ling, Mae Hong Son Province. implemented by PTT Public Company Limited is in progress. The Suitability Study of Technology, project proposal and budget allocation details for the installation have been proposed and approved already. Such a project has been initially implemented according to the plan.
(Ban Pa Yoi) EGAT	Ban Pa Yoi, Khun Yuam District, Mae Hong Son Province. EGAT has reported that the coordination with the Provincial Electricity Authority in the area. Operating install transmission lines into the area .

Low Carbon Society

3. Bang Kachao

❖ 29/11/15 Network member of “Love Bang Khachao” arranged the activity “Bangkachao Eat Art 2015”. in Bangkachao Sub-district, Phra Pradaeng District, Samut Prakarn Province.



Water Resource Management

1. Potable Water for Drought-Prone Villages



MR.NUTTACHAT CHARUCHINDA



Chief Operating Officer, Upstream Petroleum and
Gas Business Group
PTT Public Company Limited

MR.SARUN RUNGKASIRI

Chief Operating Officer, Downstream Petroleum Business Group
PTT Public Company Limited



Water Resource Management

1. Potable Water for Drought-Prone Villages

Date	Detail	Picture
28/07/15	PTTGC delivered 5 water containers with capacity of 2000 liters to Ban Tung Sawang Samakki Community, Ban Kueng Sub-district, Chiangkwan District, Roi Ed Province.	
24/08/15	The Secretariat Office delivered 2 sets of water meters, with financial support from PTT Public Company Limited, to the Committee of Water Supply and Ground Water Systems of Tung Sawang Samakki Community, to be used to measure water quality and amount of community water consumption for monitoring purpose.	

Water Resource Management

1. Potable Water for Drought-Prone Villages

Date	Detail	Picture
	The Committee of Water Supply and Ground Water Systems of Tung Sawang Samakki Community has reported that ground water from 2 new artesian wells digged were sufficient for consumption demand and in good quality for consumption.	
<u>26/11/15</u>	A ceremony was held by the water supply committee of Ban Tung Sawang Samakki Community, Ban Kueng Sub-district, Chiangkwan District, Roi Ed Province.	



Home

TBCSDEvents



กิจกรรม “ພິພານ້ອນຮ່ວມກັນປູກ
ຕົ້ນໄມ້...ລດໂລກຮ້ອນດ້ວຍມືເຮົາ”
3 ตุลาคม 2558



เทศกาลแห่งความรู้ ด้านวิทยาศาสตร์ ณ
จังหวัดระยอง
24-25 กันยายน 2558



งานสวนผลไม้ วิถีสุรภี...บรรรณ
พลเมืองที่มีความรับผิดชอบต่อสังคม
โลก
2 ตุลาคม 2558



รางวัลงานวิจัยดีเด่น เรื่อง แผ่นห้าม
เลือดจากหอยทากสัวย
17 มีนาคม 2558




Projects

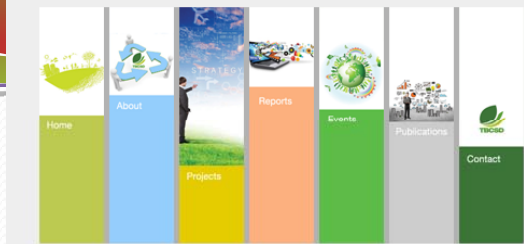
Projects: ๒๐11-2014



Projects

-  Carbon Reduction Certification for Buildings
-  Carbon Reduction Label
-  การประชุมสีเขียว (Green Meetings) ในองค์กร
-  เตรียมความพร้อมเราารวม เพื่อทำงานวิจัยที่ลงถึง
ผลกระทบจากโลกร้อนต่อระบบนิเวศสิ่งแวดล้อม และสุขภาพ
-  ขุนสนับสนุนการดำเนินงานกิจกรรม เพื่อรณรงค์สร้างจิตสำนึกในหัวข้อ
“กินข้าวหอมจาก ถิ่นน้ำหอมแก้ว”
Young Creative Environment Artist ภายใต้ CONCEPT “OUR
LIVING ENVIRONMENT”

Projects: 2011 - 2014



About

About >>> Organization Structure

History
Organization Chart
Organization Structure
Chairman's Biography
Chairman's Letter
Member

Organization Structure

Chairman	Honorary Chairman
	Honorary Advisor
Advisory Team	Committee
	Low Carbon Society & Natural Disaster
	Water Resource Management
TBCSD Secretariat Office	TBCSD member
	Council members
	Associate members
	Public Relation members
	Acting Executive Director





Agenda item 3.1.3

Summary of Budget in 2015

Budget in 2015

1. Income

- Members 32 Organizations 8,000,000 baht
- Budget from 2014 1,218,658 baht
- Summary 9,218,658 baht

2. Expenditure

- Project Activities 1,921,397 baht
- TBCSD Secretariat 5,079,964 baht
- Summary 7,001,361 baht

3. Summary

- Income over Expenditure 2,217,297 baht

Budget in 2015

Detail	Estimated Revenue (Baht)	Expenditure (Baht)
<u>1. Project Activities</u>	3,650,000	1,921,397
• Programme 1 Sustainable Movement	1,150,000	330,797
• Programme 2 Raising Awareness of Environmental Issue	900,000	785,009
• Programme 3 Capacity Building on Environmental Management & Good Practices	1,600,000	805,591
<u>2. TBCSD Secretariat</u>	5,568,685	5,079,964
• Programme 1 PR/ Network	2,435,000	1,979,776
• Programme 2 Secretariat	3,133,658	3,100,187

Audit: PricewaterhouseCoopers ABAS Limited

Budget in 2015

Special projects

• Income	3,310,242	baht
• Expenditure	2,268,607	baht
<u>Budget Remain</u>	<u>1,041,635</u>	<u>baht</u>

Green SIEP: The Sirindhorn International Environmental Park

• Income	303,278	baht
• Expenditure	217,018	baht
<u>Budget Remain</u>	<u>86,260</u>	<u>baht</u>



Agenda item 4

Issues for Consideration



Agenda item 4.1

Work Plan in 2016



Agenda item 4.1.1

Activities/Projects

Activities/Projects

Programme 1 Sustainable Movement

Programme 2 Raising Awareness of Environmental Issue

Programme 3 Capacity Building on Environmental
Management & Good Practices

*TBCSD Secretariat

Programme 1 : Sustainable Movement

- Green Label 
- Carbon Reduction Label 
คาร์บอนลด
- Carbon Reduction Certification for Building 
- Green Meetings + Green Meetings Plus
- Sustainable and Green Procurement Initiative 
SGPI
- Manifesto for Energy Efficiency in Building
- Other Activities for Supporting 'Low Carbon and Green Society'

Programme 2 : Raising Awareness of Environmental Issue

- Global Warming and Health Fund



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



- Young Creative Environment Artist

- Universal Design





Programme 3 Capacity Building on Environmental Management & Good Practices

- Learning Together
 - * Domestic Study Trips (2 times/year)
 - * International Study Trip (1 time/year)
 - * Seminar (3 times/year)
 - Greenhouse Gas Emission Reduction
- Conferences with TEI
- Others (i.e. Social Activities)

TBCSD Secretariat



- ❖ Public Relation - Green Society (3 issues/year)
- ❖ Annual Conference
- ❖ TBCSD Meetings
 - Advisor/Council/Associates (3 times/year)
 - Associates/PR (3 times/year)
- ❖ Establish Relationship between Members



Agenda item 4.1.2

Special Projects

Special Projects

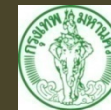
1) Low Carbon Society

- Green SIEP : The Sirindhorn International Environment Park
- Development of the Community Energy System in Mae Hong Son Province

2) Water Resource Management

3) Tourism (Khlong Lot) ★

- The Bangkok Metropolitan Administration (BMA)



- Tourism Authority of Thailand



4) Community Enterprise ★

5) Cleaner Production SME ★



Khlong Lot (คลองหลอด)

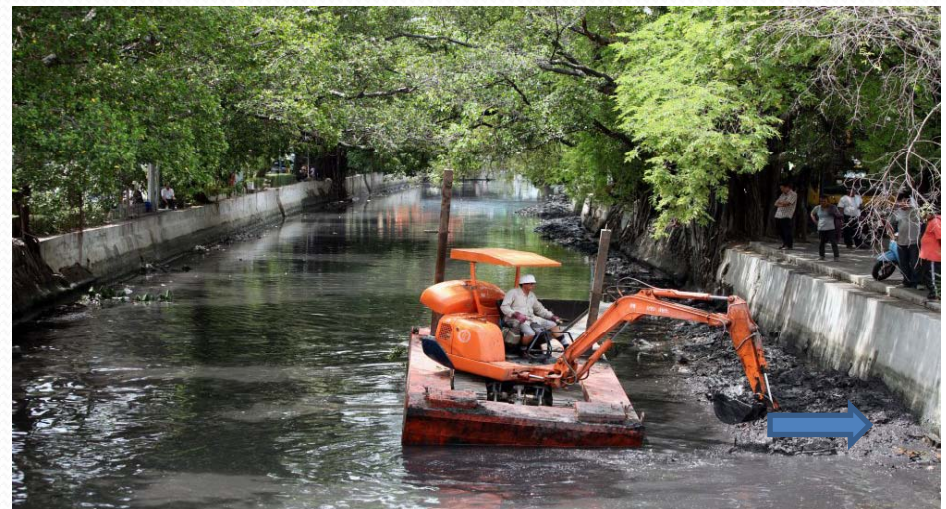
แนวคิดโครงการสนับสนุนจาก TBCSD

1. ประสานการดำเนินการให้ กทม. ทำท่อดักน้ำเสีย (interceptor) ทั้ง 2 ฝั่งขนานลำคลอง (1.8 กม.) เพื่อดักน้ำเสียไม่ให้ลงคลอง โดยส่งไปบำบัดที่โรงบำบัดน้ำเสียที่ ถ.พระอาทิตย์
2. ประสานการดำเนินการให้ กทม. ขุดลอกใหม่ ปรับระดับน้ำให้มีการถ่ายเท เข้าออกที่ปากคลองตลาด ตามเวลาน้ำขึ้นลง
3. TBCSD ร่วมกับ กทม. ปรับภูมิทัศน์ โดยเริ่มจากการประกวดออกแบบสร้างเอกลักษณ์ของคลองหลอดให้เป็นพื้นที่ท่องเที่ยว ในเขตกรุงรัตนโกสินทร์
4. TBCSD ร่วมกับ กทม. ทำความสะอาด ก่อสร้าง ปรับสภาพสะพานข้ามคลอง แสงสว่างและไฟประดับตามแบบที่ได้จากการประกวด
5. TBCSD ร่วมกับ กทม. จัดเป็นตลาดน้ำสินค้า OTOP (ไม่ใช่อาหาร หรือสินค้าทั่วไปตามตลาดน้ำ) หรือ ให้เป็นพื้นที่ล่องเรือสำหรับนักท่องเที่ยว
6. กทม. ดูแลรักษา สภาพคุณภาพน้ำ และการจัดระเบียบ

ประเด็นเสนอเพื่อพิจารณา

หากเห็นชอบตามแนวคิดที่เสนอ ฝ่ายเลขานุการจะได้ประสานงานขอเข้าพบผู้ว่า กทม. ต่อไป

Khlong Lot (คลองหลอด)



Community Enterprise (วิสาหกิจชุมชน)

TBCSD → Community → Gasifier Stove → OTOP Product

Budget Support Production

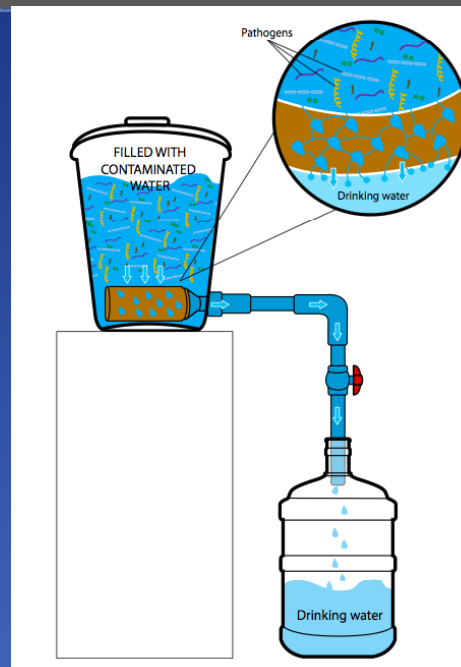


ที่กรองน้ำดินเผา (Clay Pottery Water Filter, CPWF)



ที่กรองน้ำดินเผา

what's in an **AW** claypot water filter?



ประกอบเป็นชุด
พร้อมใช้งาน



ชุดกรองน้ำขนาดใหญ่
สำหรับโรงเรียน



AW clay pot filter as appropriate technology

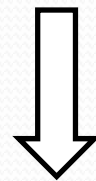


Cleaner Production SME

- Support by technique, technology

Operator/Factory —————> Old Technology

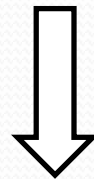
- Reduce Energy
- Reduce Waste
- Increase Recycling



- Lean Management System
- Green Label

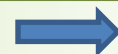


Plan to Improve Quality/ No Funding



- Set up Proposal —> Bank —> Funding

Successful





Agenda item 4.1.3

Budget in 2016

Budget in 2016

1. Estimated Revenue

• Members 33 Organizations	8,250,000 baht
• Budget from 2015	2,217,297 baht
Summary	10,467,297 baht

2. Estimated Expenditure

• Summary	10,467,297 baht
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Budget in 2016

Detail	Estimated Expenditure (Baht)
<u>1. Project Activities</u>	3,050,000
• Programme 1 Sustainable Movement	950,000
• Programme 2 Raising Awareness of Environmental Issue	1,000,000
• Programme 3 Capacity Building on Environmental Management & Good Practices	1,100,000
<u>2. TBCSD Secretariat</u>	7,417,297
• Programme 1 PR/ Network	4,437,297
• Programme 2 Secretariat	2,980,000
<u>Summary</u>	10,467,297





Agenda item 4.2

ECO-PRODUCTS INTERNATIONAL FAIR 2016



ECO-PRODUCTS INTERNATIONAL FAIR 2016 (EPIF 2016)

“24 Hours - Eco Life”



The Asian Productivity Organization (APO)



The Federation of Thai Industries (F.T.I.)



Thailand Productivity Institute (FTPI)



Collaborative Organizations : TBCSD & TEI

Date : 8 – 11 June 2016

Venue : Bangkok International Trade & Exhibition Centre (BITEC) , Bangkok

Schedule : 1. International Conference “Sustainable Consumption & Production”

(Keynote speaker by Chairman of WBCSD)

2. Exhibition (Theme : 24 Hours - Eco Life)

3. Business Matching

4. etc.



ECO-PRODUCTS INTERNATIONAL FAIR 2016

24 Hours - Eco Life

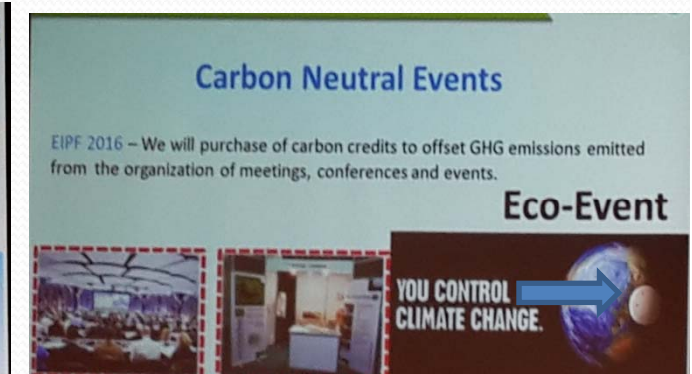
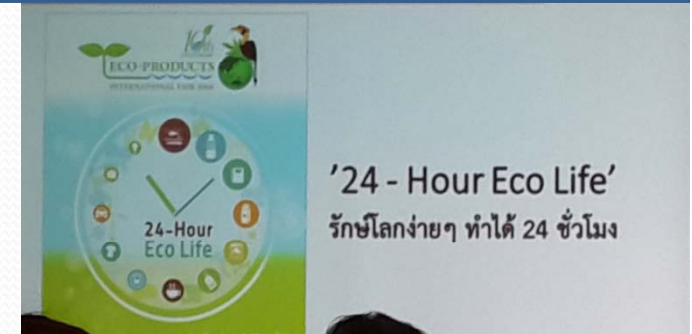
Press Conference (14/12/15)



ECO-PRODUCTS INTERNATIONAL FAIR 2016

24 Hours - Eco Life

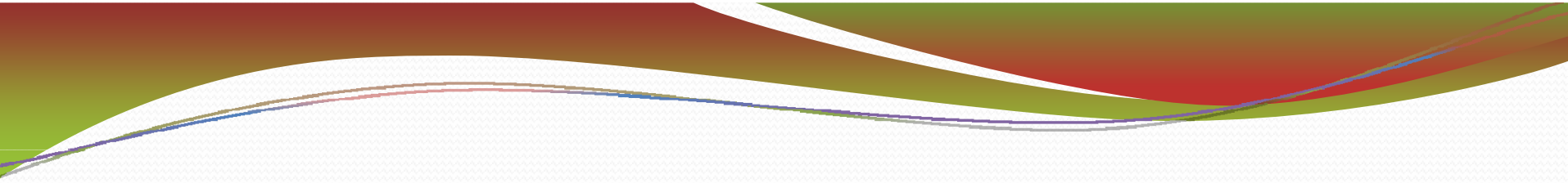
- Eco Products
- Eco Technology
- Eco Services





Agenda item 5

Others (if any)



ประเทศไทยยื่นเจตจำนงลดคาร์บอนฯ (INDC) ต่อบริษัทการสหประชาชาติ
โดยระบุเป้าหมายการลดก๊าซเรือนกระจกที่ร้อยละ 20 - 25
จาก BAU: ผลกระทบที่น่าติดตามเฝ้าระวัง



งานวางท่อส่งก๊าซธรรมชาติผ่านพื้นที่มูลนิธิอภัยภูเบศร

LOGO



องค์กรธุรกิจเพื่อการพัฒนาอย่างยั่งยืน



อุทยานแห่งชาติแก่งกระจาน (Kaeng Krachan National Park)

เจ้าหน้าที่อุทยานแห่งชาติแก่งกระจาน จังหวัดเพชรบุรี หน่วยลาดตระเวน จำนวน ๑๐๐ คน

ขอความอนุเคราะห์สิ่งของจำเป็น เช่น ยาสีฟัน แปรงสีฟัน กระเป๋าสะปะพานหลัง ยากันยุง
บะหมี่กึ่งสำเร็จรูป และอาหารแห้ง เพื่อใช้สำหรับเวลาเดินป่าลาดตระเวน

ภายในวันอังคารที่ ๒๒ ธันวาคม ๒๕๕๘

องค์กรสมาชิกที่ให้ความสนับสนุนจำนวน ๔ องค์กร :



