

Dear Reader,

The United Nations Climate Change Conference, to be held in Cancun, Mexico, from 29 November to 10 December 2010, will discuss among others the future commitments for industrialized countries under the Kyoto Protocol. Although Thailand is a non-Annex1 country, it has demonstrated environmental responsibility for almost two decades. In this context, Thai-German climate-related projects continue to contribute to Thailand's environmentally-friendly performance and international cooperation.

Moreover, Thailand is playing an increasing role in the field of South-South development cooperation, where e.g. Bangkok is serving as a hub for exchange and dissemination of regional and international best practices. Some of the activities are described in this issue, for example in the article on sustainable port management.

Besides purely technical issues, all Thai-German or German-ASEAN cooperation projects also need to focus on market orientation/public participation, standardization /harmonization, service/capacity development, as well as policy framework conditions. The activities described in this issue show the whole range of different approaches - which, in combination, can bring significant positive changes.

With best regards,
Your Newsletter Team

News & Features

- 01| Clean Air National Workshop to Share Knowledge to Develop Clean Air Plan for Smaller Cities
- 01-02| Initial Status Review of Safety, Health and Environmental Management Completed in 10 Ports of the Region
- 02-03| M2P Biogas Project: visit to Nong Wah, training workshop in Ubonratchathani Province
- 03| Establishment of a Second National Technical Working Group for Thailand to Work on National Interpretation Guideline of GLOBALG.A.P. Standard in Shrimp Aquaculture
- 04| GTZ and Project Advisors Conducted a Trip to Study Waste Management of Warin Chamrap Municipality
- 04| InnoBioplast 2010 – The 3rd Bioplastics International Conference and Exhibition in Thailand
- 05| GTZ, BOT and FTI Training and Coaching Workshop on “Membership Development and Income Generation”
- 05-06| Technical Workshop on LCA-GHG Calculation of Palm Oil Production towards the Thai Calculation Methodology
- 06| Introducing Sustainable Palm Oil Production for BioEnergy Project to Sra Kaew Provincial Governor and Visiting Palm Oil Mill and Farmer Groups
- 06-07| Media Trip – Climate Friendly Tourism
- 07-08| GTZ Participated in the 7 Greens Forum in Phuket
- 08| Testing Curriculum on Cities and Climate Change
- 08-09| Sharing of City Planning Experiences – an Activity of Change Policy Implementation
- 09| ONEP's Proactive Approach on Climate Change
- 10| MoNRE Held a Strategic Planning Workshop to Integrate Environmental Implementation in Pilot Areas
- 10| Training on “Mind Maps to Enhance Work Efficiency”

Clean Air National Workshop to Share Knowledge to Develop Clean Air Plan for Smaller Cities

On 26 August 2010, the Pollution Control Department (PCD) of the Ministry of Natural Resources and Environment together with GTZ organised the "Thailand National Workshop on Clean Air for Smaller Cities". The workshop is aimed at:

- a. Synthesising the air pollution issue and its potentials for climate change mitigation;
- b. Informing the public of the project's progress;
- c. Sharing problems and solutions;
- d. Providing examples of good practices and;
- e. Exchanging views and experiences on air quality management from all over the world

Around 120 executive officers from national and local government, municipal politicians, relevant national agencies, international organizations and donors actively participated in the workshop. As well as presentations on Thailand's measures for air quality management and implementation of the project, foreign experts also shared their experiences on air quality management in other countries. The national workshop is an activity under the "Clean Air for Smaller Cities in the ASEAN Region" project implemented by GTZ and the ASEAN Secretariat.



The project is aimed at empowering smaller cities to develop and implement clean air action plans which will be implemented and assessed for their effectiveness on pollution reduction, co-benefits and climate change mitigation. In Thailand, GTZ and PCD have selected Chiangmai and Nakhon Ratchasima to participate in the project. The selection criteria include population size, increasing population trends with potential effects on the environment and commitment on the part of mayor and council members to environmental protection.

Initial Status Review of Safety, Health and Environmental Management Completed in 10 Ports of the Region



In July 2010 the regional project **Sustainable Port Development in the ASEAN Region** completed the Initial Status Review of safety, health and environmental (SHE) management performance at all ports participating in the project: Bangkok and Laem Chabang (Thailand), Sihanoukville and Phnom Penh (Cambodia), Ho Chi Minh City (Viet Nam), Tanjung Perak and Tanjung Priok (Indonesia), Iloilo and Cagayan de Oro (Philippines) and Dili (Timor-Leste). The Initial Status Reviews identified the root causes of deficiencies of existing SHE systems and procedures. Their conclusions formed the basis for recommended actions orientated towards the improvement of SHE management in each participating port with the assistance of the project during the coming years.

The managers of the participating ports are aware of the existing problems with regard to SHE management. They have accepted the conclusions of



the Initial Status Reviews and are motivated and committed to implementing adequate solutions with the support of the project. Based on the results and recommendations of the Initial Reviews, the SHE managers and officers of the ports jointly finalized their respective Work Programs for the period September 2010 – December 2011 in a **Regional Project Planning Workshop** (Ho Chi Minh City, 16 - 19 August 2010).

The project signed a collaboration agreement with the Partnerships in Environmental Management for the



Seas of East Asia (PEMSEA) to make optimum use of existing regional capacities and resources. The collaboration with PEMSEA has as its objective to jointly assist the participating ports to implement and continually improve SHE management in accordance

with the integrated systematic approach of the Port Safety Health and Environmental Management (PSHEM) Code, a port-specific quality standard developed by PEMSEA. The PSHEM Code is for voluntary use by port authorities and terminal operators and has the same structure as the general international standards ISO 14000 (Environmental Management Systems) and OHSAS 18001 (Occupational Health and Safety Management System Specification).

None of the participating ports has a functioning SHE management system in place that meets the requirements of international standards. The ports of Bangkok, Laem Chabang, Sihanoukville, Iloilo and Cagayan de Oro are already in the process of implementing PSHEM systems in a step-by-step approach supported by training measures and guidance provided by PEMSEA. Three other ports have requested to do the same and are currently evaluating and discussing modalities and conditions.

M2P Biogas Project: visit to Nong Wah, training workshop in Ubonratchathani Province

On August 10th 2010, the "Methane-to-Power (M2P) from Agricultural Waste Biogas" project team members – which are jointly implemented by GTZ and the Energy Research and Development Institute Nakorkping (ERDI-Nakorping) Chiang Mai University – visited Nong Wah agricultural village in Chachoengsao province. The objectives of the visit were to hold the second roundtable meeting for the project team to discuss project planning and coordination, as well as to learn of the success behind the community-based biogas program at Nong Wah village.

During the second roundtable meeting, the project team discussed action plans for biogas training courses for relevant stakeholders in order to enhance the technical capability of biogas production and utilisation. The courses will run during 2010-2011, starting in mid-October this year. Among other issues, the team also discussed creating a Thailand biogas map, and setting up a Thai biogas producer network to further promote the production of methane from agro-industrial and agricultural waste for heat and power generation.



After the roundtable meeting, the project team took a tour of the Nong Wah village, which is a Charoen



Pokphand (CP) Group sponsored village whose successful agricultural village management model is now being replicated in its subsidiary company in China. The biogas technology being used here for converting waste from pig farms to methane was assisted by GTZ in the past 20 years. The benefits of biogas technology are not only in reduction of greenhouse gas emissions but also that the captured methane gas is used for power generation and for cooking fuel – thus helping farmers save farming and fuel costs. The treatment of waste water reduces odour and treated water is reused, thus reducing the amount of water consumed by farming. The left-over solid residue is converted into organic fertilisers for use within the village and sale to outsiders, generating extra income for the farmers. Nong Wah agriculture village has been a success case for improving farmers' living standards.

From 8-10 September 2010, the M2P project conducted a basic biogas technology training workshop, the first workshop of the biogas training series, in collaboration with Ubonratchathni University. The three day workshop provided basic knowledge on biogas technology, including topics on climate change, anaerobic digestion (AD) systems in livestock and industry, production and utilization,

standards, regulations, safety design and precautions. Trainers comprised of biogas experts from ERDI and invited speakers from Pollution Control Department (PCD) and Suranaree Technology University.

This training workshop targeted at lecturers in technical colleges who, after training, would be able to transfer the knowledge acquired to their students who would potentially work as biogas operators after graduation. The training workshop could inspire career paths for technical students, although a more in-depth training would be required to work in the biogas sector. The workshop was attended by more than 80 participants, both lecturers and students, in the Ubonratchathani area.

During the workshop, participants had an opportunity to learn about biogas plant operation at an actual site located at a small pig farm 20km out of town. The



biogas system is a 100 cubic meters UASB receiving waste from 300 pigs. The gas generated is used mainly for ventilation fans, saving nearly 20,000 baht for monthly electricity.

Establishment of a Second National Technical Working Group for Thailand to Work on National Interpretation Guideline of GLOBALG.A.P. Standard in Shrimp Aquaculture



Among various certification schemes for shrimp products, the recent emergence of GLOBALG.A.P. standards initiated by EU retailers have drawn attention and concern in Thailand as yet another standard to comply with. Although Thailand accounts for 30% of global shrimp production, market share of Thai shrimp in the EU is only 3%. However, the EU accounts for 37% of global shrimp consumption. On a more positive note, GLOBALG.A.P. could be viewed as a marketing strategy to increase market access in EU countries.

The tools to help Thai shrimp farmers to understand the GLOBALG.A.P. standard are the development of National Interpretation Guideline (NIG) and guidance on implementation (user manual).

The Board of Trade of Thailand (BOT) has recently established its second National Technical Working Group (NTWG) for Shrimp after the successful of the first NTWG for Fruit and Vegetables. The NTWG for Shrimp consists of 11 experts in aquaculture scope who represent government organizations, private sectors, and academic institutes.

GTZ has provided technical and financial support to NTWG in development of National Interpretation Guideline with the cooperation from Aquaculture Business Research Center, Faculty of Fisheries, Kasetsart University. The task of the NTWG would include preparation the draft of NIG of GLOBAL G.A.P. for shrimp aquaculture; the NIG will provide guidance on the implementation of GLOBALG.A.P. Control Points and Compliance Criteria at national level. The draft has already been developed and will be presented to shrimp industry stakeholders for consultation on 29 September in Surathani and 6 October in Chantaburi. Their opinions and suggestions will be reviewed by NTWG and incorporated in the final version for final approval from GLOBALG.A.P.

Following approval the National Guideline will become a normative GLOBALG.A.P. document. This implies that Thai shrimp farmers will have the tools for implementation of the GLOBALG.A.P. standard and all certification bodies that are working in Thailand must to include this guideline within their certification procedures.

GTZ and Project Advisors Conducted a Trip to Study Waste Management of Warinchamrap Municipality

On August 4, 2010, GTZ and project advisors conducted a study trip to share ideas on waste management with Warinchamrap Municipality, Ubon Ratchathani. The team was greeted by Mr. Geerachai Gaigangwan, Mayor of Warinchamrap Municipality and staff of the municipality's sanitation and environmental health divisions.

Waste management concepts gathered from this meeting will be included in the "Guidelines for Waste Management and Waste-to-Energy Technology for Municipality", published by GTZ and the Waste and Hazardous Substance Management Bureau, Pollution Control Department (PCD). The publication is aimed to equip local administrative offices with guidelines for the selection of appropriate waste management technology for their management styles.

In addition, Mr. Stefan Hoerter, a team member of the Resource Efficiency and Energy Project, presented the results of the feasibility study of the dry



fermentation technology, a common technology in European countries, in Warinchamrap Municipality.

The study focused on the practicability and limitations of dry fermentation in Thailand and its effects on the environment using the example of Warinchamrap Municipality.

InnoBioplast 2010 – The 3rd Bioplastics International Conference and Exhibition in Thailand



Mr. Torsten Fritsche, Director, Resource-Efficiency and Energy, GTZ was recently invited to present results of the study on "Process and Impact of

Bioplastics Policy Development", a component of the "Policy Study for Promote Bioplastics Investment and Market Development" at InnoBioplast 2010 - the bioplastics international conference and exhibition hosted by the National Innovation Agency (NIA).

The policy was the result of joint discussions among relevant agencies with guidance from the Petroleum and Petrochemical College, Chulalongkorn University, NOVA Institute GmbH, Fraunhofer UMSICHT and KNOTEN Weimar, the project advisors.

The policy has been submitted to the Joint Public-Private Coordinating Committee for concurrence prior to subsequently submission to the Economic Cabinet meeting.

GTZ, BOT and FTI Training and Coaching Workshop on “Membership Development and Income Generation”



From July 19-23 2010, GTZ, Board of Trade of Thailand (BOT) and Federation of Thai Industries (FTI) jointly held a training and coaching workshop on “Membership Development and Income Generation” for representatives of business membership organizations (BMOs) in the Business Membership Promotion Project.

Mr. Wong Chin Yeow, a Singaporean expert representing the consulting firm SEQUA GmbH, and Mr. Till Ahnert, a CIM-integrated expert International Trade Commercial Mediator GTCC, were invited to share their knowledge and experiences. As an integral part of the workshop, a coaching session was

provided to 5 BMOs (the Thai Organic Trader Association (TOTA), the Solar Thermal Association (STA), the Thai Rice Association, the Thai Bioplastics Industry Association (TBIA), the Thai Chamber of Commerce Chiang Mai and the FTI Chapter Nakhonpathom) who wish to improve their capacities for membership development and income generation.

The training and coaching workshop updated the BMOs’ representatives on the principles and tools for membership status analysis, a key step towards the formulation of the membership development plan to increase membership. In addition, workshop participants had opportunities to discuss income generation potential and strategies for BMOs with the experts.

This was aimed at stimulating creative ideas to expand the BMOs’ existing income generating channels. Following the workshop, the participants shared lessons-learnt to colleagues in their respective BMOs and jointly formulated the membership development and income generation plans before they are put in operation. The next training and coaching workshop (the third topic) on “Strategies to strengthen BMO’s advocacy role” is planned for October 2010.

Technical Workshop on LCA-GHG Calculation of Palm Oil Production towards the Thai Calculation Methodology

Currently, the Sustainable Palm Oil Production for Bio-Energy Project (jointly implemented by GTZ and the Office of Agricultural Economics (OAE)) is supporting the development of a Greenhouse gas (GHG) calculation methodology for the Thai palm oil industry. The ultimate goal of this activity is to gain a comprehensive overview on GHG emission factors of the entire Thai palm oil industry. Those emission factors shall be based on a GHG calculation methodology for Thailand which is in line with other international methodologies, for instance the EU Renewable Energy Directive (EU RED) methodology.



With collection and analysis of field data, as well as the development of the GHG calculation having now started, it was an appropriate moment to discuss difficulties with both data collection and GHG calculation. With this aim in mind, the project organized the Technical Workshop on Life Cycle Assessment - GHG calculation towards the EU RED Requirement at the VIE hotel between July 29-30, 2010. German technical experts from Institute of Energy and Environmental Research (IFEU) Dr. Horst Fehrenbach and Ms. Anna Hennecke were invited to be special speakers to provide technical information and support the Thai GHG Working Group during the technical workshop.

Two days of intensive discussions and applying an innovative approach by peer-reviewing the current work, provided support to all participants. All are very optimistic that the project will have gained a comprehensive overview of emissions factors of the Thai Palm Oil Industry by the end of the project.

However, it has already become apparent that the Thai Palm Oil Industry is in a very good position in order to fulfill the EU RED sustainability requirement of 35%-GHG emissions savings. The default values of the EU describe that if biogas technology and methane capture are applied in the mills and if there were no land-use changes after 1 January 2008, the 35% target can easily be met.

Introducing Sustainable Palm Oil Production for BioEnergy Project to Sra Kaew Provincial Governor and Visiting Palm Oil Mill and Farmer Groups



Dr.Yotsawin Kukaewkasem (Project Manager, GTZ), Mr.Chumpol Sriyaphai (Office of Agricultural Economics), Mr.Suksilp Chotsakul (Department of Agricultural Extension), Mr.Sura Tunwiset (the representative of Suksomboon oil palm mill) together with project staff, a total of 18 people, visited Mr. Sanit Naksuksri, the Sra Kaew Provincial Governor to present the project which is participated in by farmers from Sra Kaew province. The meeting was warmly greeted and was highly appreciated by the provincial governor, who stated that that bioenergy crop

production is one of the province's key agricultural policies.

The project team also made a study trip to Suksomboon oil palm mill in Chonburi Province, and visited farmers in Khlong Had District, Sra Kaew Province and Bo Rai District, Trat Province. People attending the trip were able to engage in a wide-ranging exchange of ideas and knowledge, especially in farm management. Farmers were happy having their questions on plantation management such as stem pruning and tree deformity answered by farm advisors and the participating expert, Mr. Theerapong Janniyom.

It was found out that most farmers attending the project have gained much knowledge and were able to manage palm field more efficiently than before. Government staff were also impressed by the project's progress. A representative from the Office of Agricultural Economics made a speech saying that he was deeply touched to know that the project is widely and positively accepted among farmers in Sra Kaew and Trat.

Media Trip – Climate Friendly Tourism

The Climate Protection in Tourism Project, implemented jointly by GTZ and Designated Area for Sustainable Tourism Administration (DASTA) together with Trat Tourism Association (TTA), held a climate-friendly tourism media trip to publicize climate-friendly tourism activity in the Koh Chang cluster area, Trat province between August 25-27, 2010. Seventeen journalists from 14 print media and television channels participated in the event.

Community-Based Tourism at Salak Kok Community

Salak Kok Community was chosen as the pilot site for testing the curriculum on climate change and community-based tourism because of their strength and ability to operate eco-friendly tourism. Tourists can learn about the fisherfolks' way of life and the mangrove ecosystem through traditional boat (Rua



Maad) trips. Since Rua Maad is a dugout propelled by paddling, it does not generate pollution or strong waves that cause coastal erosion and disturbance to land and marine organisms inhabiting the mangrove forests.

Community-Based Solid Waste Management



Through collaboration with Phitsanulok Municipality, community-based solid waste management technology was transferred to Koh Chang Municipality, resulting in improved knowledge on community-based solid waste management in Koh Chang. The Municipality later developed the capacity of its personnel, expanded lessons-learned and established a waste bank at Koh Chang Kindergarten. This activity provides learning opportunity for school children, increases their awareness of the solid waste

problem, generates additional income and reduces greenhouse gas emissions into the atmosphere.

Profitable Environmental Management (PREMA) at the Thai Elephant House

The project introduced an approach to reduce waste from left-over elephant feed. By washing and reusing, the Elephant House was able to reduce waste and save over one hundred thousand baht of elephant feed costs annually. Thus greenhouse gas emissions from left-over elephant feed were reduced.



GTZ Participated in the 7 Greens Forum in Phuket



GTZ, represented by Mrs. Piyathip Eawpanich, Deputy Director of the Thai-German Climate Initiative in Thailand, participated in the Forum on “Global Warming and the Effect on the Tourism Industry...Opportunities or Threats” held by the Tourism Authority of Thailand (TAT) and Thailand Environmental Institute (TEI) Phuket Office on August 24, 2010. Other participants of the forum included Dr. Seksan Nakwong, Inspector-general of the Ministry of Tourism and Sports and Ms. Wilaiporn Liwgasemsan, Executive Director of Tourism Council of Thailand (TCT).

The objective of the forum was to publicize the “7 Greens” concept to local administrative offices, tourism clubs, associations and operators, encouraging them to facilitate environmentally-friendly tourism and reduce greenhouse gas emissions. GTZ presented the core content of Thailand’s Strategic

Plan on Climate Change, the National Climate Change Master Plan and the results of the study on climate change impacts, reported in Thailand’s country report by the Office of Natural Resources and Environmental Policy and Planning (ONEP). Potential climate change impacts can be classified into 3 main groups:

- 1) Physical impact, affecting infrastructures, human settlement and tourism
- 2) Impacts on agriculture and food security and
- 3) Impacts on health and hygiene

Analysis of potential climate change impacts indicates that the phenomenon may threaten the Thai tourism industry, if concerned parties, both the authorities and tourism operators do not consider environmentally



7 Greens

friendly tourism seriously. On the other hand, global warming may be a good opportunity for Thai tourism, if governmental executives and tourism operators

jointly formulate the policy to promote climate-friendly tourism. Besides creating a good impression of travelling in Thailand, this type of tourism will reduce costs for tourism operators in the long term, strengthen social responsibility, reduce dependency on external factors and boost Thailand towards future

leadership in the tourism sector. Before the conclusion of the conference, TAT and TEI held a signing ceremony for 7 Greens declaration to pledge adoption and replication of the 7 Greens concept by representatives of participating organizations.

Testing Curriculum on Cities and Climate Change



Between 5-6 July 2010, GTZ tested the curriculum and training manual for “Cities and Climate Change: Policy Analysis and Tools” in Bali, Indonesia. Around 30 delegates from Thailand, Indonesia, India, Vietnam and China participated in the event. The five delegates from Thailand were representatives of the Office of Natural Resources and Environmental Policy and Planning (ONEP), Regional Environment Office 10, Bangkok Metropolitan Administration (BMA), Thailand Environmental Institute (TEI) and GTZ. This is a joint activity

GTZ, through the Cities and Climate Change: TUEWAS Sector Network, commissioned the

curriculum and training manual development, which is a component of personnel capacity development to facilitate integrated local policy and action plan formulation. Moreover, the developed curriculum and training manual will serve as GTZ’s city planning tools, focusing on participatory planning and integrating climate change mitigation and adaptation in the planning process. Co-benefits, information for decision making, the role of partners and stakeholders in the policy and measures will be taken



into consideration. At the conclusion of the workshop, delegates from Thailand agreed to jointly adapt the curriculum, once completed, for application locally.

Sharing of City Planning Experiences – an Activity of Change Policy Implementation



The Office of Natural Resources, Environmental Policy and Planning (ONEP), GTZ and Bangkok Metropolitan Administration (BMA), under the Thai-German Climate Protection Policy Project, held a conference at the Department of City Planning

on August 19, 2010. Mr. Dietrich Flicke, a city planning expert from Berlin, Germany was invited to share ideas and experiences on Berlin’s development planning with the BMA’s working team and advisors,

who are currently working on the third Bangkok city plan. The goal of the conference is to encourage integration of climate protection and adaptation of climate change in city planning.

Mr. Flicke said that Bangkok has the potential to become a low carbon metropolis. However, BMA has to earnestly set the greenhouse gas emissions reduction target and learn from experiences of successful countries - one example is Singapore. Moreover, networking and collaboration among local and national agencies is essential.

Afterward, ONEP, GTZ, Regional Environment Office 10, the National Municipal League of Thailand (NMT), Khon Kaen and Thai Real Estate Association, Khon Kaen jointly held a conference and sharing of experiences on “Sustainable City Planning” at Khon Kaen on August 20, 2010. Mr. Dietrich Flicke gave a speech on “Climate Change and Sustainable Urban Development: Experiences of Berlin” at the conference.

Besides Mr. Flicke, other speakers include Dr. Thongchai Roachanakanan, Department of Public Works and Town & Country Planning (DPT), representatives of DPT Office in Khon Kaen and Khon Kaen University. Over 80 participants, including Mrs. Rachavadee Sriprapat, Director Urban Environment and Area Planning Division, ONEP, MoNRE, officials of ONEP, Khon Kaen Municipality, Muangkao Subdistrict Municipality, Khon Kaen and other

Subdistrict Municipalities, representatives of private companies and members of civil groups, actively participated in the city planning discussion. At the end it was concluded that Khon Kaen is ready and determined to incorporate city planning into the implementation of the “Khon Kaen Declaration on Climate Change” and mobilize the provincial strategic plan to make Khon Kaen a livable city.

ONEP’s Proactive Approach on Climate Change



In September 2010, the Office of Natural Resources and Environmental Policy and Planning (ONEP) held a consultative workshop to build consensus on the United Nation Framework on Climate Change Convention (UNFCCC) and Kyoto Protocol among representatives of academic institutes and governmental agencies, following the progress of the UN climate negotiations and conducting of research/technical data collection in Thailand.

During the workshop, Ms Araya Nuntapotidech, ONEP Deputy Secretary General, overseeing the Office of Climate Change Coordination (OCCC), invited representatives of the Thailand Research Fund (TRF), line ministries, the Climate Justice Network and relevant NGOs to jointly propose

recommendations, share knowledge and comments on effective implementation processes to encourage stakeholder and public participation in the formulation of Thailand’s position and proposal in future international meetings, e.g. the Joint Preparation Meeting in Tianjin, China on 1-9 October, 2010 and the sixteenth Conference of the Parties (COP) in Cancun, Mexico on 29 November – 10 December, 2010.

Moreover, the discussion with the Climate Justice Network resulted in agreement on the action plan to promote public participation in consultative workshops and the revision of the National Climate Change Master Plan, currently being implemented by ONEP.



MoNRE Held a Strategic Planning Workshop to Integrate Environmental Implementation in Pilot Areas



The Ministry of Natural Resources and Environment (MoNRE) and GTZ held the third strategic environmental plan development workshop at Erawan National Park, Kanchanaburi Province from August 1-3, 2010. The workshop aimed to enhance the efficiency of environmental management by integrating plans and operational mechanisms of MoNRE's agencies to ensure that the ministry's implementation meets the nation's needs and the

current situations in economic, social and political contexts. Workshop attendants were representatives of MoNRE's agencies and Mr. Siripong Hungsaphruk, MoNRE Deputy Permanent Secretary.

During the workshop, representatives from agencies located in the pilot areas consulted with local stakeholders and jointly reviewed the project concepts, feasibility of the indicators, stakeholder participation and sources of inputs/resources. Moreover, they developed the action plans, tangible measures and activities for the 3 pilot areas:

- 1) Smog reduction in Chiang Mai and Lamphun Valleys,
- 2) Rehabilitation of the Tha Chin River and
- 3) Integrated Environmental Remediation in Rayong Province

The 3 project work plans will be submitted to MoNRE's executives, both in the central and regional offices, for incorporation into relevant budget and administrative plans in the future.

Training on "Mind Maps to Enhance Work Efficiency"

GTZ held a training workshop on "Mind Maps to Enhance Work Efficiency" on September 1, 2010. The objective of the workshop was to strengthen professional skills, including presentation, teamwork, problem analysis and action plan formulation. The trainer was Mr. Tanya Phonanan, an authorized and certified Buzan Coach from Buzan Centre Thailand.

About 60 participants from partners under the Thai-German Climate Initiative in Thailand: Office of Natural Resources and Environmental Policy and Planning; Department of Industrial Works, Designated Area for Sustainable Tourism Administration; Office of Agricultural Economics; and GTZ, participated in the workshop.



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- Sustainable Port Development
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- Climate Policy
- Energy Efficiency in Medium Sized Enterprises
- Climate Protection in Tourism
- Sustainable Palm Oil for Bioenergy