

**Thailand AERA 20<sup>th</sup> Quarterly Activities Report**  
**July 2004 - September 2004**  
**Accelerating Economic Recovery in Asia**  
**US Government Funded Program**  
**through the US Agency for International Development**  
**(USAID)**  
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## **EXECUTIVE SUMMARY**

### **Business Advisory Center**

The Business Advisory Center (BAC) continues to move toward sustainability after the end of the AERA project in September 2005 by actively seeking partnership with strategic public and private organizations to work on projects that promote the sustainable competitiveness of the Thai economy. This objective leads the BAC to seek projects from government agencies, international donors, and public and private companies alike. BAC activities have been geared toward 3 major fronts, namely; entrepreneurship, micro-finance and business skills development.

Entrepreneurship development efforts involved cooperation with public and academic partners such as the Office of Vocational Education Commission (OVEC), the Ministry of Education, the Department of Business Development, the Ministry of Commerce, Rangsit University and Dhurakijpundit University. Microfinance activities involved utilizing US expertise to develop a training curriculum suitable to Thai conditions. Business skills development involves both management training and consulting. BAC projects underway this quarter included opening a new incubation program with funding from the Department of Industrial Promotion (DIP), Ministry of Industry, receiving an World Bank grant to plan for an ICT business incubator and training Mae Hong Son entrepreneurs.

### **Business Support Organizations Partnership Program**

The BSOP aims to develop mutually beneficial, sustainable partnerships between US and Thai business support organizations in order to strengthen the regulatory and competitive environment, business standards, and good governance practices for the Thai private sector.

The BSOP has been concentrating on projects which develop and promote good governance, transparency, business structural reform, ethics, deepening of financial reform, and international competitiveness.

One large-grant project was completed in this quarter. Since the beginning of the BSOP program in October 1999, a total of thirty-two large and small partnership projects have been approved and implemented under USAID-funded BSOP program. In total, thirty large-grant partnership projects were completed and two large-grant partnership projects are underway.

### **Education**

The AERA Education Program aims to develop Thailand's future workforce so that they are equipped with IT and English skills in order to contribute fully to national economic



development. The Program also works to build capacity in various areas for higher educational institutions.

In this quarter, the AERA-Education Program completed two projects designed to build the skills of teachers in the North in developing digital courseware to improve the quality of education. Other on-going projects include the setup of ten self-access English language centers at the ten Thai community colleges; the delivery of training series for teachers in the North on how to use ICT as a tool in classrooms; and granting a fellowship award to a graduate student from China under the US-GMS Academic Fellowship Project.

### **Border Action Against Malaria**

During this quarter, major activities implemented under the BAAM Project continued without major change.

The project staff is working with WHO on a Thai-Burma border-wide malaria meeting to introduce the new standard treatment policy using mefloquine-artesunate combination treatment. The new standard was developed due in part to the BAAM sentinel surveillance program, which continues to gather data.

Implementation of a study of community and provider anti-malarial drug use practices in Chantaburi Province continues and planning began for expansion to Mae Hong Son and Tak Provinces. The project continues to support research and development efforts on producing dipstick dye immunoassays utilizing dye particle-linked monoclonal antibodies developed against pLDH and pGAPDH for malaria antigen detection.

### **The Thailand Competitiveness Initiative**

The period from July to September 2004 was the last quarter of participation in the project by J.E. Austin Associates. Therefore much of the work during this quarter focused on completion of their work and the preparation of their final reporting. JAA worked with KIASIA to organize a competitiveness conference that reported on the project results so far and considered ways forward.

KIASIA was approved by USAID to continue cluster development work in Thailand through September 2005. The TCI staff at the Institute will also continue to work with Vietnam GAP, Cambodian Fisheries and Laos Silk to explore the potential for developing regional competitiveness projects after 2005.



## PROJECT PROGRESS REPORTS

### Business Advisory Center - Quarterly Report

July - September 2004

The Business Advisory Center (BAC) continued to move toward sustainability by forming partnerships with strategic public and private organizations to work on projects that lead to improved competitiveness of the Thai economy. This objective led the BAC to seek support from government agencies, international donors, and public and private companies to continue its work. BAC activities were focused on three major fronts: entrepreneurship, micro-finance and business skills development for small companies.

Entrepreneurship development efforts involved cooperation with public and academic partners such as the Office of Vocational Education Commission (OVEC), Ministry of Education, the Department of Business Development, Ministry of Commerce, Rangsit University and the Dhurakijpundit University. BAC expertise in the area is combined with these partners' resources and networks to develop and deliver entrepreneurship training as well as set up and manage business incubators. The partnership with OVEC was also utilized to win a World Bank *infoDev* grant to study and recommend a plan to establish an ICT business incubator in all major regions of Thailand. A partnership with the Department of Industrial Promotion (DIP), Ministry of Industry is fostered to manage a DIP's incubator to incubate entrepreneurs in industries focused by the government. BAC trainers also work with the KIASIA's U-Link program to develop an entrepreneurship curriculum for the Thai community college system by localizing a successful US entrepreneurship curriculum of CFED-REAL in North Carolina.

Microfinance activities involved bringing in US expertise to help KIASIA staff develop a training curriculum for microfinance organization operators suitable to Thai conditions. The microfinance team has identified unregistered and unsupervised community finance programs currently functioning throughout the country. They have examined current practices of these community finance schemes to assess needs for capacity building training and consulting. An appropriate training program has been developed and trainings began to be provided this quarter to strengthen management expertise of these community finance schemes. It is expected the training will help improve performance and help this microfinance projects make a positive impact on their communities.

Business skills development involves both management training and consulting. BAC trainers utilized their business planning and hands-on training expertise to train executives of public and private organizations such as Thailand Post and Wattasarn Media, to develop their respective business plans. Another team of consultants provides support to the Board of Investment to recommend strategies, provide research reports and develop investment promotion packages to attract higher value, non-polluting foreign direct investment.



To assist fruit and vegetable farmers on the eastern seaboard, BAC research expertise was combined with US expertise to provide a feasibility study on the establishment of a central agricultural market. BAC consultants provided consulting services to SMEs in such areas as researching and formulating a marketing plan for a handicraft product line, or consulting on strategic marketing decisions and on restructuring the finances of an audiovisual solution provider.

### **BAC officially opened new incubation program**

The BAC officially kicked off its incubation program for the Department of Industrial Promotion (DIP), Ministry of Industry on July 29 with an orientation seminar for 150 prospective entrepreneurs at the Bureau of Industrial Sectors Development facility in Bangkok. The program management from the BAC and the DIP provided the details as well as answered questions about the program for the participants who were eager to apply to the program.

The one-year program runs from May 2004 to May 2005. It is designed to help unemployed persons, newly graduated students and certified New Entrepreneur Creation (NEC) program trainees to successfully establish and grow their new businesses. Business mentoring, professional counseling and customized intensive training will be provided. At least 25 in-wall and out-wall clients will be selected to participate in the program.

### **The BAC received an *infoDev* grant to plan for an ICT business incubator**

On July 30, the BAC received a \$100,000 grant from the World Bank's Information for Development Program (*infoDev*) to plan a series of business incubators incorporating Information and Communication Technologies (ICT) for Thailand. The Incubator Initiative is a new initiative aimed at fostering entrepreneurship and private sector development in developing countries. This Initiative is dedicated, over an initial three-year period, to the establishment of a network of incubators to facilitate the emergence and development of small and medium-sized ICT enterprises in developing countries. Although fully funded by the World Bank, the research and design project furthers USAID's objective of assisting SME development.

The grant will be utilized over one year to fully research and plan business incubators customized for Thailand. The Office of Vocational Education Commission of Thailand is working with the BAC and will be a strategic partner in providing facilities, staff and recruitment of tenants once the planning phase is concluded and the operational phase begins.



## **REAL entrepreneurship team trained Mae Hong Son entrepreneurs**

The Institute's REAL entrepreneurship team, comprising five BAC consultants who were trained by CFED-REAL (Corporation for Enterprise Development/Rural Entrepreneurship through Action Learning) in Durham, North Carolina in June, completed an initial localization of the REAL entrepreneurship course in August.

Following an agreement with the Thai community college system, a pilot entrepreneurship class was organized for a group of aspiring entrepreneurs in Mae Hong Son in northern Thailand, in early September. The class was aimed at both testing the localized REAL curriculum and providing entrepreneurs with the necessary business knowledge and skills to start and run their businesses successfully. Feedback from some of the entrepreneur students reveals their appreciation for the opportunity and new business knowledge learned during the 5-day rather intensive course. A comment from Miss Gunyarat Muangkum, a young entrepreneur who is helping her mother manage a family-run guest house, follows:

“At first I didn't want to come because I thought the content would be the same as that of the business program I have just graduated from. When I did attend, it surpassed my expectations. I felt like a frog in a coconut shell (a Thai saying meaning having limited knowledge of the outside world.) The instructors give us freedom to express our ideas freely as well as offer comments and suggestions. Too little time. I wanted to learn more in many areas. I wish to propose offering fun, non-boring training like this again.”

The team discovered that the REAL curriculum, with appropriate localization, works well in a rural Thai setting. The next step will be for the team to localize the rest of the curriculum and organize a train-the-trainer workshop for selected personnel from the 10 community colleges throughout the country to enable them to utilize the curriculum to train local entrepreneurs in their respective areas.



## Indicator Tables

**Intermediate Objective 1**      Bank and Business Activity Restarted

<b>Indicators</b>	Total number of SMEs receiving AERA consulting assistance Increase in gross revenue
<b>Unit of Measure</b>	Number of firms assisted  Average percentage change in gross revenue on the part of assisted firms.
<b>Source</b>	Company records and company reports to BAC
<b>Indicator Description</b>	Current GDP growth projections for Thailand are in the 2.5% range. SMEs receiving AERA assistance are expected to perform at least twice as well and a target of 5% growth in total revenue has been set. One year after assistance, firms' revenue for the most recent quarter will be compared to the same quarter the previous year.

Year	Target # of Assisted SMEs Cumulative	Actual # of Assisted SMEs Cumulative	Actual Average % Increase
2000	20	116*	31% <sup>1</sup>
2001	120	165	40% <sup>2</sup>
2002	220	193	43% <sup>3</sup>
2003	320	231	50% <sup>4</sup>
2004	410	286	18% <sup>5</sup>
2005	500		

\* Including 40 for 1999

<sup>1</sup>: 10 projects out of 32 respondents reported sales increase  
16 projects reported no change in sales  
3 projects reported sales decrease  
3 projects did not reveal sales data

<sup>2</sup>: 2 projects out of 5 respondents reported sales increase

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- 2 projects reported no change in sales  
1 project did not reveal sales data
- <sup>3</sup> : 16 projects out of 37 respondents reported sales increase  
15 projects reported no change in sales  
2 projects reported sales decrease  
4 projects did not reveal sales data
- <sup>4</sup> : 2 projects out of 5 respondents reported sales increase  
Q1&2 2 projects reported no change in sales  
1 project did not reveal sales data
- Q3 5 projects out of 9 respondents reported sales increase (1 project reported 10% increase, 1 reported 5% and 3 did not reveal figures)  
2 projects reported no change in sales  
2 projects did not reveal sales data
- Q4 3 projects out of 6 respondents reported sales increase (1 project reported more than 10% increase, 1 reported about 200% and 1 did not reveal % increase)  
1 project reported no change in sales  
2 projects did not reveal sales data
- '03 total 10 projects out of 20 respondents reported sales increase  
5 projects reported no change in sales  
5 projects did not reveal sales data
- <sup>5</sup> : 1 project out of 4 respondents reported sales increase  
Q1 3 projects reported no change in sales
- Q2 0 projects out of 6 respondents reported sales increase  
4 projects reported no change in sales  
1 project reported sales decrease  
1 project did not reveal sales data
- Q3 Only 1 project was completed in Q3 year 2003, but not convenient to complete the questionnaire
- Q4 1 project out of 1 respondent reported sales increase

Note that on the advice of a USAID evaluation team, the BAC has focused its efforts on more wholesale projects, such as the entrepreneurship project, rather than individual company consulting, so the number of projects has declined.



## Indicator Tables

**Intermediate Objective 1**      Bank and Business Activity Restarted

<b>Indicator</b>	Business plans or elements of business plans in use by SMEs receiving AERA assistance.
<b>Unit of Measure</b>	Percentage of SMEs with current business planning.
<b>Source</b>	Company follow-up reviews by BAC.
<b>Indicator Description</b>	Each SME receiving assistance will be encouraged where appropriate to use business planning methodologies. The percentage of firms that continue to maintain that planning one year after assistance is projected at 50%.

Year	Target	Actual
1999	0	Baseline - 0
2000	50%	100% *
2001	50%	100% *
2002	50%	97% **
2003	50%	100% ***
2004	50%	91% ****
2005	50%	

- \* All of the 32 and 5 responded projects in year 2000 and 2001 respectively either have business plans newly created or have existing plans in place
- \*\* 36 of 37 respondents have business plans in place and 1 does not
- \*\*\* All of the 5 respondents for Q1&2, all 9 respondents for Q3 and all 6 respondents for Q4 reported having business plans in place
- \*\*\*\* 3 of the 4 respondents for Q1 reported having business plans in place while all of 6 respondents for Q2 did, no respondent in Q3, the 1 respondent in Q4 did



## **Business Support Organizations Partnership Program**

### **Project Completed in This Quarter**

#### **1. Capacity Building for Internal Auditors Profession, Year II**

BSOP brought in an American expert from the Institute of Internal Auditors (IIA) to work with the Institute of International Auditors of Thailand in building capacity for Thai internal audit officers.

On July 17, Ms. Johanna Swauger, IIA's Assistant Vice President of Research & Analysis, conducted a breakout session on "Control Self Assessment and Enterprise Risk Management" at the IIAT's Annual Conference entitled "The Outlook of Corporate Governance in the Age of Recovery." The session was attended by approximately 150 participants. From July 19 to 24, Ms. Swauger also delivered two classes on "Enterprise Risk Management" to over 60 certified internal auditors, risk managers, and audit officers from both the public and private sectors. This event is the final component of the project and was completed in this quarter.

### **Ongoing Activities**

#### **1. IPR Management Training Program**

On July 29, the BSOP program hosted a discussion forum on "Intellectual Property Roadmap for Thailand" in cooperation with the National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand Research Fund (TRF), Chulalongkorn University's Intellectual Property Institute (CU IPI) and International Intellectual Property Institute (IIPi).

This discussion forum was a follow-up session on the first discussion that focused on strategies for promoting and developing Thailand's Intellectual Property (IP) system. The recent forum was led by Dr. Prasit Prapinmongkolkarn from Chulalongkorn University who presented an overview of a draft IP Roadmap that addressed the use of IP system in Thailand. Then, Prof. Michael Ryan, an IP expert from Georgetown University, presented IIPi's study on "Biotechnology IP Roadmap for Thailand". Inputs and recommendations received from over 60 key Thai IP experts from academia, government agencies, legal and business sectors will be included in the draft IP Roadmap. The final version of the Roadmap was completed in August. Another discussion session on "Commercialization of IP" was also organized to present case studies, success factors and pitfalls of IP commercialization. Speakers for this session included Dr. Michael Ryan from IIPi, Ms. Darunee Edwards from BIOTEC, and Dr. Wisanu Subsompon from CU IPI.

### **Regulatory Dialogue Program**

BSOP and PADCO work with a range of U.S. and Asian partners and donors to support country-led reform initiatives by facilitating access to international best practices that promote improved corporate and public governance.

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To date, four dialogue projects in Thailand have been approved and implemented under AERA Regional Regulatory Dialogue Program support. Four dialogue projects in Vietnam have been approved and implemented. In total, seven dialogue projects have completed.

### **Project Completed During this Quarter**

#### **1. Strengthening Administrative Court Capacity: Case Management and Court Administration**

With support from the AERA, Thailand's Office of the Administrative Courts organized a Thai – U.S. Forum on Case Management and Case Tracking System on July 21, 2004. Judge Eric G. Bruggink and Mr. Brian Bishop, a Senior Administrator from the U.S. Court of Federal Claims traveled to Bangkok to share the U.S. lessons learned on case management with the Thai Administrative Court at the forum. Over one hundred judges from Supreme, Central, and Regional Administrative Courts, and Administrative Court officials participated in the forum. The forum presented strategies to strengthen existing case management and case tracking system, including implementation of the Thai Administrative Court policy on case management.

The event was the final component of the project strengthening the capacity of the Thai Administrative Courts in managing cases. The project was successfully completed.



## Business Support Organization Partnerships Indicator Tables

### Intermediate Objective 1      Corporate and Financial Governance Improved

<b>Indicator</b>	Policies, systems, or procedures adopted by participating partner organizations
<b>Unit of Measure</b>	Number of participating organizations implementing policies, systems, or procedures introduced or strengthened through the partnership fostered by the BSOP

Year	Expected Measures Cumulative	Actual
1999	0	Baseline - 0
2000	2	7
2001	7	17
2002	10	23
2003	15	25
2004*	20	27
2005	25	

\* Q4 of Year 2004 (April – June 2004): In total, 27 policies and systems have been changed.

### Intermediate Objective 2      Financial and Corporate Governance Improved

<b>Indicator</b>	The number of long-term partnerships initiated and maintained
<b>Unit of Measure</b>	Number of partnerships

Year	Expected Partnerships Cumulative	Actual
1999	0	Baseline - 0
2000	2	7
2001	4	16
2002	8	22
2003	12	23
2004*	10	25
2005	8	

\*Q2 of year 2003 (April – June): 23 partnerships between Thai and U.S. organizations are maintained.



## **AERA Education Program**

The AERA Education Program aims to develop Thailand's future workforce so that they are equipped with IT and English skills in order to become a higher quality workforce that can contribute fully to the country's economic development. The program also works to build capacity in various areas for higher educational institutions.

In accomplishing this goal, the AERA Education Program has put its effort on the promotion of the use of information and communications technology (ICT), participatory learning, and community linkages as learning tools so that both educators and students are comfortable with new technologies and learning styles. The main target groups of the AERA Education program are students and teachers at both the secondary and higher education levels. At the secondary level, the AERA Education Program works with the Ministry of Education, schools, and community groups. At the higher education level, special emphasis has been given to community colleges and Mae Fah Luang University, both newly-set up higher education institutions.

In this quarter, the AERA-Education Program completed two projects that upgraded skills of teachers in the North on digital courseware development and management. Other on-going projects include the set up of ten self-access English language centers at the ten Thai community colleges; the delivery of training series for teachers in the North on how to use ICT as a tool in classrooms; and a fellowship award to a graduate student from China under the US-GMS Academic Fellowship Project.

### **Projects Completed**

#### **1. ICT Workshop for School Teacher in the North**

In the fourth quarter of FY2004, the Rajabhat Chiang Rai University (RCU) delivered an 18-hour session on how to apply courseware management and website development software such as Macromedia Flash and Microsoft office. After the training, RCU established a website <http://crt.cru.in.th> in order to distribute a set of digital courseware developed under the training and to share the knowledge in the area to interested teachers and public. The project is now complete. The impact of the project is as follows:

- 213 school teachers have been trained on how to develop digital courseware, and 96.1% of the participating teachers said that they would like to attend further training in the field.
- Approximately 20,000 students are expected to benefit from 161 Thai courseware packages being developed by the teachers trained under the project.

RCU will continue work to promote and build capacity of teachers on courseware management. They will visit 50 selected schools that sent their teachers to the training in order to follow up on how the teachers apply the knowledge gained. The website that has been developed continues to operate in order to serve as a portal for digital courseware especially for school teachers in the North. RCU also plans to provide a higher-level

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training to further upgrade the capacity of the teachers who already passed the basic course.

## **2. Information and Communications Technology Training for Educational Purposes in Rural Higher Education Institute**

Rajabhat Surin University (RSU) delivered a 40-hour training session on e-learning by introducing the Postnuke Freeware and Moodle software. A total of 50 courseware projects were developed as the result of the training. The project is now complete. In total, 17 school teachers and 20 RSU staff were trained on how to create digital courseware by using free software available on the Internet. It is estimated that approximately 1,000 students will directly benefit from the 50 Thai courseware developed by the training participants.

### **Ongoing Projects**

#### **1. Self-Access English Language Centers for Thai Community Colleges**

The AERA Education program continues its assistance to the 10 Thai Community Colleges with a target to improve their English teaching capabilities by assisting them in setting up a self-access English language center (SAC) at each college. These centers will provide resources on English language teaching and learning for teachers, students, and other community members in provinces where there are no higher educational institutions currently available. The US Embassy in Thailand also provides funding to support the project.

The ten SACs at the Community Colleges are now up and running. The next steps for the project are for the Thai experts from the King Mongkut's University of Technology Thonburi to develop a handbook on how to set up and run SACs for community colleges in order to serve as a guideline for new and existing SACs. The experts will also develop a website that SAC administrators can share their experience and lessons-learned. Both the handbook and website are expected to be completed in early 2005. An evaluation will be conducted at selected SACs in March 2005.

#### **2. Entrepreneurship Training for Thai Community Colleges**

The project has localized a successful entrepreneurship curriculum from the United States. With assistance from the North Carolina Community College System (NCCCS), six Thai trainers are to be trained to become Master Facilitators for "REAL Entrepreneurship" (Rural Entrepreneurship through Action Learning) curriculum in order for them to adapt and train trainers and students from the ten Thai community colleges. The REAL Entrepreneurship curriculum is expected to be adopted as an on-going training program at Thai community colleges and other Thai educational institutions.

In September, a five-day pilot training to test the short localized version of the REAL Entrepreneurship curriculum was organized at Mae Hong Sorn Community College. Twelve entrepreneurs attended the session and gave positive feedback on the curriculum.

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The Thai experts are now in the process of localizing the full version of the REAL Entrepreneurship Curriculum, which should be completed by January 2005.

### **3. US- GMS English Academic Fellowship Program**

The US – GMS English Academic Fellowship program was officially launched at the end of July. The program announcement was made to universities in the six country members of Greater Mekong Sub-region, namely Thailand, Laos, Cambodia, Myanmar, Vietnam, and the Yunnan province of China. Seven applications both for the Graduate Student Fellowship and the Professor Fellowship mainly from Laos and Yunnan Province of China were submitted. A number of inquiries from potential candidates were received. In September 2004, the Fellowship Selection Committee made a Graduate Student Fellowship award to Ms. Kexiu Yin, a graduate student from the Yunnan University, China. Miss Yin will participate in the fellowship program the Mae Fah Luang University from November 1, 2004 to March 1, 2005. Her fellowship research will be on “Comparative Studies: Thai Culture Effects on the Use of English Language among Thai Users.”

### **4. Improving the Quality of Education Through IT Project, under the World Bank-funded Secondary Education Quality Improvement (SEI) project**

After the first training series organized between July 25 and August 4, 2004 at Chiang Mai Rajabhat University, the project’s roving team visited all 30 schools in Chiang Rai, Chiang Mai, Pitsanuloke, and Petchaboon provinces. The site visit was completed in September.

Another series of training is planned for October including the training on Computer Assisted English Language Learning (CAELL) and on using information technology for English teaching by Dr. Deborah Healey, Director of the English Language Institute, Oregon State University; a workshop on enhancing leadership and management of technology for school administrators and Local Education Area Directors on October 18; and a training on using computer technology as a tool for teaching between October 19-29. The second site visit to the schools will begin in December and will last until January 2005. Other activities that are underway include the implementation of the “One Computer Classroom” project, funded under the AERA-Education Program, and the establishment of the KIA Asia SEI website.

### **Direct Impact of the AERA Education Program from Projects Completed**

1. Upgrading English teaching and learning capabilities of teachers and students in Thailand
  - over 300,000 high school students introduced to integrated English skills (writing, speaking, listening and reading) by a more interesting approach
  - 3,000 packages of English through Entertainment produced and distributed to 3,000 high schools in Thailand



- A global network among ELT scholars established and developed during 3-day Chula conference. The opportunity for future collaboration will be enhanced
  - 60 English teachers trained on the curriculum development process, operation of self-access learning centers, ESL techniques
  - 2,300 Mae Fah Luang University (MFLU) students benefiting from the Resource/Self-access English Learning Center
  - A partnership between MFLU and Oregon State University was initiated and strengthened to a number of knowledge transfer activities especially in the area of English teaching and learning.
2. Upgrading IT skills of teachers and students and the use of ICT in teaching and learning in the classroom
    - 20,000 teachers trained on web-based instruction/training skills
    - 4,000 WAI to be developed and customized to local context
  3. Introducing new ways of learning to educational administrators, teachers, and students in Thailand
    - 70 teachers and community leaders learning a new learning approach
    - 39 teachers from schools in Chiang Rai and Phayao able to develop a teaching plan concerning the community's problem
    - 33 Thai community college administrators trained on leadership skills
    - 28 community college administrators received firsthand experience about the success of US community colleges in Hawaii



## **Border Action Against Malaria (BAAM)**

The Border Action Against Malaria Project (BAAM) aims to slow the emergence and spread of multi-drug resistant malaria in Thailand's border areas. The program is developing new models of cooperation and partnership, particularly with communities and the public health system, to monitor, understand, and respond to the threat that multi-drug resistant strains will spread, not only in Thailand, but also across the region. This is intended to contribute to decentralization and reform of the public health system, improving its effectiveness as well as empowering and enabling communities to become more self-reliant in malaria prevention and control. The purpose of the project is to improve the national capacity for surveillance and response to multi-drug resistant malaria.

### **Project Activities Implemented This Quarter:**

During the reporting period from July through September 2004, activities implemented included:

#### **Surveillance of MDR Malaria**

*Sentinel site monitoring of anti-malarial drug resistance:* *In vitro* sensitivity monitoring and *in vivo* study of therapeutic efficacy of the currently used front line anti-malarial drugs continued in 9 border provinces under the malaria sentinel surveillance drug resistance network initiative. This included study of HRP2 drug sensitivity assay as baseline data and to compare with the results from morphological counting technique in order to adjust and tune the HRP2 technique for future application for monitoring anti-malarial drug sensitivity.

*Study on drug use practices:* With technical assistance from Management Sciences for Health, the Bureau of Vector-Borne Diseases (MOPH) implemented the initial study on anti-malarial drug-use practices at the sentinel surveillance site in Chantaburi Province on the Thai-Cambodia border. A proposal was formulated to expand coverage of the study to Mae Hong Son and Tak Provinces in FY 2005.

#### **Response to MDR Malaria**

*Treatment policy for multi-drug resistant malaria:* The Bureau of Vector-Borne Diseases (BVBD) announced the new standard treatment guidelines for use of mefloquine-artesunate combination treatment for multi-drug resistant malaria, which will become effective nation-wide in October 2004.

*Research and development of an affordable, reliable, locally-produced rapid test for malaria antigen:* The Ministry of Public Health continued research on developing dye particle-linked monoclonal antibodies against pLDH and pGAPDH for malaria antigen detection; research for cloning and expression of LDH and GAPDH enzymes from *P. falciparum* by genetic engineering method; and research and development for production

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of a dipstick kit utilizing dye particle-linked monoclonal antibodies against pLDH and pGAPDH for malaria antigen detection.

***Partnerships for a School-based Approach to Community Action Against Malaria***

**Subproject:** The Life Skills Development Foundation summarized results of implementation of the project in 25 initial and 15 expansion sites in Tak, Mae Hong Son, Chiang Mai, Chantaburi, and Trat Provinces and submitted a report that will be the basis for revising the model for expansion in FY 2005.

**Coordination and Networking:**

- BAAM Project Manager James Hopkins met with staff of Mae Fah Luang Foundation and MOPH officials regarding potential collaboration on cross-border malaria control activities in Shan State, Burma.

**Major Activities Planned for Next Quarter**

Major activities planned for the next quarter from July through September 2004 include the following:

- Co-sponsoring with WHO a Thai-Burma border-wide malaria meeting to introduce the new standard treatment policy using mefloquine-artesunate combination treatment, distribute multi-lingual posters on the new drug policy, provide current technical information and exchange experiences on the prevention, diagnosis and treatment of malaria, and provide an opportunity for organizations working on malaria to meet and collaborate on issues.
- Monitoring anti-malarial drug resistance in sentinel sites;
- Preparation of a report on the community and provider anti-malaria drug use practices study in Chantaburi Province;
- Implementation of the community and provider anti-malaria drug use practices study in Mae Hong Son Province;
- Continuation of research and development efforts on producing dipstick dye immunoassays utilizing dye particle-linked monoclonal antibodies developed against pLDH and pGAPDH for malaria antigen detection.
- Participation in a bi-regional RBM Mekong workshop on anti-malarial drug resistance in Hanoi, Vietnam;
- Meeting with USP and MOPH regarding future implementation of drug quality assurance monitoring;
- Participation in the annual NGO malaria meeting sponsored by SMRU;
- Organizing consultations in Bangkok for Cambodian officials regarding future border cooperation on malaria and other infectious disease control (in collaboration with the Rockefeller Foundation);
- Consultations with the Education Service Area Offices in Mae Sot and Mae Hong Son regarding expansion of the school-based malaria education program.

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## THAILAND COMPETITIVENESS INITIATIVE

### Cluster Formation & Development

#### *Chantaburi Gems and Jewelry Cluster*

Ongoing activities during this quarter:

- TCI participated in the Chantaburi Gems Association meeting in August attended by more than 100 members. The TCI manager was invited to explain the roles and responsibilities of cluster members and to recommend a plan of action. The members discussed and agreed to a plan for the CGA to start developing an accepted color code for gems. The representative from the Board of Trade of Thailand who attended the meeting informed that BOTT agreed to support the Chanthaburi Gems cluster and planned to sign MOU with the CGA the following week. This will provide continuing support for the cluster as the USAID funding is phased out in 2005.
- TCI and JAA experts met with cluster leaders to prepare for the September Bangkok International Fair, and discuss M&E and future plans. TCI and JAA consultants met in Bangkok with the Gem Institute to discuss future prospects for certification and standards and in Bangkok with members of the gem & jewelry association.

#### *Western Thailand High Value Agricultural Produce Cluster*

- In August, as a follow-up to a trip by the representatives of the (southern) Vietnamese fruit and garden association and the Vietnamese Ministry for Agriculture and Rural Development, TCI and members of the HVAP cluster held a one-day conference to present the cluster's GAP model at a workshop in Ho Chi Minh City. In September, TCI also met with the VNCI 2 chief of party in Bangkok to discuss future plans for linking the VN & Thai GAP, and to discuss possible next steps for the development of the dragon fruit industry.
- TCI's senior manager designed and ran a one-day training session on cluster development for the Department of Agricultural Extension, as part of the plan to expand the cluster concept for agricultural produce.
- Lastly, TCI's cluster consultant and a JAA consultant explored the supply-chain for the local market as part of the effort to reduce the cluster's dependence on exports, by visiting central markets in Bangkok and by interviewing a unit of a global hypermarket chain, Tesco-Lotus. The latter also assessed the prospects for a central market for the "neighboring" province of Chantaburi, a major fruit producer.

#### *Southern Thailand Marine Foods Cluster*



- TCI continued to run strategy meetings. However, the clusters were distracted by concerns over threats of punitive tariffs from the shrimp anti-dumping case in the United States. Once the ruling came out, with Thailand receiving only minimal punitive tariffs, more meetings occurred to discuss the freeze-drying project and a proposed visit to America to explore opportunities for processed, specialty shrimp products. One JAA consultant prepared a capital budgeting study on investing in the freeze-dryer.
- TCI visited PSU and discussed the detail for the freeze-dryer project and to ensure that the study shall combine both on technical and business, and include an analysis for commercial and future investment.
- TCI and JAA consultant visited and interview with shrimp farm in the area.

### ***Bangkok Multi Media and Digital Content Cluster***

- TCI and the cluster continued to seek links with the larger ICT industry by meeting with ICT officials and by attending the August ICT Fair. At the same time, TCI and the cluster continued to strengthen links with SIGGRAPH by attending the international conference in LA.
- The work on university linkages for training of Thai animators received more impetus with the arrival of the JAA consultant who took over as cluster coordinator. The meetings underscored the problems faced by the firms in the cluster of an inadequate supply of trained animators that has reduced the firms' ability to bid for projects.
- The JAA consultant and TCI met with SIPA, the newly established Bangkok-SIGGRAPH chapter (set up by the cluster) and several universities with strong arts and graphics departments to develop training program and workshops for animators and to prepare for TAM 2005.
- JAA, KIASIA, SIGGRAPH Bangkok and Rangsit University co-organized a conference on film animation & film showing on Sep. 23 at Sathorn Thani, with over 100 participants, mostly arts and graphics students and graduates (who were the target audience). The cluster also prepared a set of promotional materials and an animation that will be used in future cluster activities.

### ***Northeastern Silk Cluster***

Three related activities took place during this quarter:

- Since the silk sector is fragmented and in a pre-cluster stage, the engagement of TCI has focused on working with the relevant government agencies to craft a national silk development plan and to create an organization along the lines of



the successful American organization “Cotton Inc”. In August, one JAA consultant specializing in policy initiatives met with a group representing the sericulture institute and a special advisor to the cabinet minister in charge of silk.

- A Thai company has a patent for a semi-mechanized wooden loom that will double output per worker/loom and allow for weaving higher-margin patterns. However, the company is unwilling to sell at the “strike price” of Baht 40,000 per loom as it wants to recover its “R&D” costs by charging Baht 80,000 per loom with a minimum purchase of 3 looms. At the same time, the silk companies are unwilling to pay Baht 80,000 since they expect the manufacturer to “come down” in price. As the project ends, the impasse remains unresolved, and the proposed worker training program has been postponed once again.
- TCI has been working on linking the (northeast) Thai and Lao silk sectors. With the concurrence of USAID, JAA contracted a consultant from LEAPSS to conduct a very preliminary “supply-side” study. TCI held its first conference with members of the Lao silk industry, and another JAA consultant prepared a “pre-feasibility” study on using both the traditional and the semi-mechanized looms. However, the plan (beyond the project life) is to focus on Laos, and to proceed in stages, starting with the traditional methods and practices, before introducing new equipment or new products or new practices.

### **Chiang Mai Tourism Cluster**

- A cluster member took the lead to develop a "Street Directory" as a means for increasing tourist spending by providing more opportunities in a user-friendly fashion.
- JAA destination-specialist consultant met with the cluster to suggest ways to “rebuild” Chiang Mai following well-publicized and adverse comments about Chiang Mai in the National Geographic magazines survey of best (and worst) tourist destination.

### **I. OTHER ACTIVITIES**

- TCI held several meetings-- with USAID (project updates), AIT (running the competitiveness course), KAF (on their governance activities), ISMED (assisting SMEs), NESDB (at Chiang Mai on the tourism cluster), and CEO Governor (at Chainat)
- KIAAsia and TCI worked with the BOI on the latter’s interest in using clusters to promote FDI. KIAAsia and TCI made a presentation on clusters. and one JAA consultant also made a separate presentation and worked with the BOI & KIA staff on investment promotion.
- The TCI senior consultant in charge of the southern marine food cluster held several meetings with representatives of the rubber, palm oil, and sugar



industries, based in the south at their request to discuss cluster development. However, any activities would occur after the project ends.

- TCI and the JAA consultant specializing in policy initiatives reviewed the initiatives of the HVAP & silk clusters.
- TCI, the JAA President, and the JAA consultant specializing in developing regional centers met with government officials at NESDB, GTZ, National Innovation Agency, and DTEC, to discuss a regional center for competitiveness and innovation. The preliminary plan is to use the Mekong Institute as a vehicle for developing this center.
- In all, eight JAA STTA worked with/on multi-media, BOI, competitiveness and innovation, policy initiatives in silk and HVAP, supply-chain management and the viability of a central market, M & E, financial scenario planning for the Cambodian fish cluster, Lao silk sector, and the Thai shrimp industry.
- The TCI and VNCI 1 COPs met with the former Dean of the SOM (School of Management) at AIT to discuss competitiveness courses in Thailand & Viet Nam.
- The TCI Senior Manager met with CEO-Governor in Chainat to discuss cluster development for the province.
- The project's final conference was held on September 24.

#### **IV. NEXT STEPS**

The basic objective over the next quarter is to focus on activities that can be accomplished or demonstrate partial results within the remaining life of the project. These activities were outlined in the January to March quarterly plan and implementation will continue with the April-June quarterly plan.

However, momentum needs to be re-established following the April Songkran holidays. Furthermore, as the clusters become more “independent”, TCI's engagement is shifting from providing specific initiatives to the cluster towards developing a “menu” of options that the cluster participants will prioritize and act on.

In general, more course materials will be written, additional consultants and studies will be undertaken, and the documentation of deliverables per cluster will begin.

#### **C. CAMBODIA**



- As part of the regional “follow the fish” (from lake Tonle Sap in Cambodia into the Thai border and markets) project, SMEC staff completed their preliminary research and exposure trips by cluster members.
- The JAA consultant assisted in assessing investment prospects for the cluster and both SMEC and the JAA consultant submitted reports.
- SMEC ran the project’s (final) regional policy workshop on September 21.
- Finally, the COPs of TCI & VNCI 1 ran a competitiveness course in Phnom Penh, at the National University of Management.

#### **D. VIET NAM**

The former chief of part of VNCI 1 ran a competitiveness workshop in HCMC attended by several universities in the area, as a follow-up to a longer course that ran in Hanoi, with the Hanoi School of Business.





**Business Support Organizations Partnership Program Quarterly Activities Report (July to September 2004)**

<b>BSOP Project Matrix – Projects Approved for Funding</b>				
<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Standards of Practice Handbook: Certified Investment and Securities Analyst Program / <b>Financial Governance</b>	The Association for Investment Management and Research (AIMR) and the Securities Analysts Association (SAA) promoted a "code of ethics" for the Thai corporate sector by translating and adapting the AIMR's manual for the Thai environment.	To build up a strong ethics and professional standards program	SAA (Thai), AIMR (US)	The project was completed in September 2001.
Support programs related to the Chartered Financial Analyst Designation/ <b>Financial Governance</b>	AIMR experts traveled to Bangkok to conduct a workshop on Global Investment Performance Standards (GIPS). In addition , the 10-day review sessions in tutorial classes were delivered to prepare CISA/CFA candidates for level 1 and level 2, year 2002 exam, using Schweser materials.	To raise the quality of Thai practitioners in finance and capital markets.	SAA (Thai), AIMR (US), Schweser (US)	The project was completed in May 2002.
Upgrading the Capability of Accounting Instructors / <b>Financial Governance</b>	The Institute for Certified Auditors and Accountants of Thailand (ICAAT) developed accounting instructional aids including video tapes, computer programs and teacher's manuals to use in higher education with assistance from a US counterpart university.	Improved accounting standards particularly outside of Bangkok.	ICAAT (Thai), U.S. University	The project was completed in December 2002.  On December 12, 2003, ICAAT and KIAAsia presented customized these accounting teaching materials including CD-ROMs, transparencies, and teachers' manuals, to Her Royal Highness Princess Chulaporn Walailuk in honor of His Majesty the King Bhumibol Adulyadej on the occasion of his 75th birthday.

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**Projects Approved for Funding**

<b>Projects Approved for Funding</b>				
<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Comparative Study on Thailand's Savings and Investment Tax Policy / <b>Financial Governance</b>	The study was to examine the impact of Thailand's present tax structure on the financial and capital markets from both the economic and administrative aspects. The Security Exchange Commission of Thailand (SEC) asked for the Thai Development Research Institute with assistance from U.S. experts to conduct the study.	More attractive tax provisions for investors.	Thai SEC, TDRI, U.S. Counterpart	The project was completed in September 2001.
Bankruptcy Court Administration Program Part I / <b>Legislative and Judicial Reforms</b>	The American Bankruptcy Institute (ABI) has provided technical assistance to the Thai Central Bankruptcy Court (CBC) in training and establishing systems to deal under the revised laws with the backlog of corporate bankruptcies.	To improve the capabilities of the CBC and develop a relationship between CBC & ABI	CBC (Thai) ABI (U.S.)	The project was completed in March 2002
Bankruptcy Court Administration Program Part II / <b>Legislative and Judicial Reforms</b>	As a result of ABI's recommendation in Part I of the program, additional technical assistance and training is to be given to CBC by the ABI-member team in area of IT. With BSOP support, the videoconferencing equipment was also installed at the CBC to connect with the Office of the Judiciary.	To increase the capabilities of CBC in handling bankruptcy cases.	CBC (Thai) ABI (U.S.)	The last training component in Thailand is pending.
Thai Bankers Handbook / <b>Corporate Governance</b>	Under a licensing agreement with the American Bankers Association (ABA), the Thai Institution for Banking and Finance Association (TIBFA) developed a handbook for all Thai Bankers by adopting ABA materials.	Completion and use of handbook throughout Thailand	TIBFA (Thai) ABA (U.S.)	TIBFA introduced a Thai Bankers' Handbook to 130 financial sector professionals and the media on March 14, 2003. The project was already completed.

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**Projects Approved for Funding**

<b>Projects Approved for Funding</b>				
<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/outcomes</b>	<b>Partners</b>	<b>Status</b>
Establishing TLAPS Linkage with APICS/ <i>International Competitiveness</i>	To continue its effort to establish a sustainable relationship with APICS, TLAPS will deliver a pilot training program for APICS certification. APICS CPIM certification consists of five modules. The pilot program includes five review courses to cover the CPIM's five modules. The results of the pilot program will determine future support for subsequent training programs.	To establish a sustainable relationship with APICS	TLAPS (Thai) APICS (U.S.)	The fifth review on 'the Strategic Management of Resources', the fourth module of CPIM, was held June 4 – 6, 2004. The project has been completed.
Performance Audit Workshop / <i>Corporate Governance</i>	The training program was delivered as a two-week workshop introducing the fundamental principals, concepts, and methods of performance auditing. This workshop includes a three-day module on instructional skill to improve the ability of participants to pass on their newly acquired knowledge and skills to the Office of the Auditor General's auditors throughout the country.	To improve the capability of the OAG's auditors in performance auditing	OAG (Thai) GAO (U.S.)	The project was completed in April 2001.
Development and Implementation of the Strategic Framework and operational plan./ <i>Corporate Governance</i>	The US General Accounting Office and the Office of Inspector General, Department of Transportation (OIG/DOT) is providing technical assistance to increase the capabilities of the Office of the Auditor General of Thailand (OAG) and its officials in developing and implementing a new strategic framework and operational plan for OAG.	To devise the strategic framework and operational plan for OAG	OAG (Thai) GAO, OIG/DOT (U.S.)	The activities were completed. The final draft of strategic framework is to be announced by August 2004.



**Projects Approved for Funding**

<b>Projects Approved for Funding</b>				
<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Building Capacity and Professional Standard for Property Valuation in Thailand / <i>Financial Governance</i>	The Appraisal Foundation (TAF) is providing technical assistance to the Securities Exchange Commission (SEC) to develop a single standard, code of ethics and its audit manual for Thai valuation profession. A single, neutral standard, code of ethics and audit manual for supervision will improve the transparency and accuracy of appraisals and will have a positive impact on financial and capital markets sector.	Single standard, code of ethics, and its audit manual for Thai valuation profession	SEC (Thai) TAF (U.S.)	The project was completed in November 2003.
ABIH Certified Industrial Hygienist Program / <i>International Competitiveness</i>	The Occupational Health and Safety at Work Association (OHSWA) of Thailand joined with the American Board of Industrial Hygiene (ABIH) to provide training and establish a certificate program	To upgrade the professional skills of Thai health officials and strengthen the relationship between OHSWA and ABIH	OHSWA (Thai) ABIH (U.S.)	The project was completed in September 2001.
Public Education Program on Credit Bureaus/ <i>Financial Governance</i>	The Fiscal Policy Office (FPO), and the Bank of Thailand (BOT) partnered with the U.S. Consumer Data Industry Association (CDIA), the Federal Trade Commission, and the Federal Reserve Board (FRB) to exchange knowledge and information on credit bureaus through public education programs.	To increase the awareness of credit information, credit reporting, credit bureaus, and the establishment and use of credit among the public, including private and government sectors	FPO, BOT (Thai) CDIA (U.S.)	The project was already completed.

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**Projects Approved for Funding**

<b>Projects Approved for Funding</b>				
<b>Large Grants</b>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
SET Junior Achievement Thailand / <i>International Competitiveness</i>	The BSOP is providing support to the Thailand Securities Institutes (TSI) of the Stock Exchange of Thailand (SET) to organize, develop and deliver economics education programs for Thai youth and to promote Thai capital markets. Junior Achievement International (JAI), an International arm of the well-known US economic education organization, has provided the TSI with curriculum, education materials, and expert technical and training.	To promote the long-term development of the capital market and stock market in Thailand	SET-TSI (Thai) JAI (U.S.)	KIAsia continued to work with the SET-TSI to conduct a series of training. The contract with SET-TSI will be extended through September 2005.
The Bond Market Development/ <i>Financial Governance</i>	The co-operation between Thai BDC and TBMA was focused on the technical assistance and consultation, translation and adaptation of standards materials, as well as the introduction of an appropriate organizations in the U.S. to provide training course to the Thai BDC. This cooperative program aim at developing the bond market in Thailand.	To develop the bond market in Thailand	Thai BDC TBMA (U.S.)	The project was already completed in September 2002.
Secured Transaction Law Development and Implementation/ <i>Legislative and Judicial Reforms</i>	American Bankruptcy Institute (ABI) provided technical assistance to the Office of the Judiciary (OJ) to promote a new law on Business Secured Transaction in Thailand and to prepare the establishment of Registry Office	To promote a new Business Secured Transaction Law and to prepare for the establishment of a Registry Office	OCJ (Thai) ABI (U.S.)	The project was already completed in September 2002.
Community Leadership Training Program/ <i>Corporate Governance</i>	The Institute for Management Education for Thailand foundation (IMET) joined with The Community Leadership Association (CLA) to conduct a training on Community Leadership program to promote good community leadership throughout Thailand	To promote good community leadership throughout Thailand	IMET (Thai) CLA (U.S.)	The project was completed in September 2002

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**Projects Approved for Funding**

<b>Projects Approved for Funding</b>				
<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Mediation Center for Financial Disputes Program/ <i>Legislative and Judicial Reforms</i>	American Bankruptcy Institution (ABI) provided technical assistance and training to enhance the efficiency and capabilities of a newly-established Mediation Centre for Financial Disputes (MCFD), including mediators, financial advisors, and staff.	To enhance the ability and creativity of mediators, financial advisors, and MCFD staff	DRO (Thai) ABI (U.S.)	The project was successfully completed in September 2002
Organic Inspection Training Program/ <i>International Competitiveness</i>	The Independent Organic Inspectors Association (IOIA) provided technical assistance to the Department of Agriculture (DOA) to develop the organic crops inspection process in Thailand	To build Thai government officer's capabilities to inspect organic crops	DOA (Thai) IOIA (U.S.)	The project was completed in June 2002.
Productivity and Workplace Improvement/ <i>International Competitiveness</i>	Occupational Safety and Health Association (OSHA) and the National Institute of Occupational Health and Safety (NIOSH) are joining with the National Institute for the Improvement of Working Conditions and Environment (NICE) to deliver a train-the-trainer program on "Productivity and Workplace Improvements" in Thailand.	To upgrade the skills of regional NICE officers.	NICE (Thai) OSHA (U.S.) NIOSH (U.S.)	The project has been pending.
Upgrading the Capabilities of Post and Telegraph Department's Staff for National Telecommunications Commission's Secretariat Office/ <i>Corporate Governance</i>	This training and technical assistance program is to upgrade the capabilities of the officials of the Post and Telegraph Department (PTD) in the preparation of the organization to be transformed into the Secretariat of the National Telecommunications Commission (NTC) which is to operate as an independent regulator regulating telecommunications, and promoting competition and liberalization.	To upgrade the capabilities of PTD's officials	PTD (Thai) FCC (U.S.)	The project was successfully completed in August 2003.



**Projects Approved for Funding**

<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Capacity Building for Dispute Resolution (Judicial Reform Project)/ <b><i>Legislative and Judicial Reforms</i></b>	The Office of the Judiciary (OJ), the Federal Judicial Center (FJC), and the American Bar Association (ABA) have joined together to exchange knowledge and information on judicial reform issue. This training and technical assistance program aims to promote the application of new measures in the Thai courts in order to eliminate unnecessary delays and to improve efficiency in the court proceedings of economic cases.	To improve efficiency in the court proceedings	OCJ (Thai) FJC (U.S.) ABA (U.S.)	The project was already completed.
USFDA-Approved Better Process Control Scholl (BPCS) in Thailand Year II and III/ <b><i>International Competitiveness</i></b>	The National Center for Genetic Engineering and Biotechnology (BIOTEC) has provided the assistance to King Mongkut's University of Technology Thonburi (KMUTT) to establish USFDA approved BPCS in Thailand. BPCS is the first ever school in Thailand which aims to assist Thai food exporters of low-acid canned food (LACF) and acidified foods (AF) in exporting to foreign markets.	To establish a USFDA certified BPCS in Thailand	BIOTEC, KMUTT (Thai) Purdue Univ. (U.S.)	The project was already completed.
Internal Audit Quality Assessment – Professional Practices and Training on Quality Assurance Review Program/ <b><i>Corporate Governance</i></b>	The Institute of Internal Auditors (IIA-US) initiated its professional practice of rendering quality auditing services on Quality Assurance Review (QAR) program for Krung Thai Bank, and provided capacity building for its Thai affiliated IIA of Thailand (IIAT). This QAR services aims to assist the bank's internal audit staff to improve its skills in operational auditing risk assessment and implementing of internal control.	To provide KTB with quality QAR services that will help improve its good governance.	KTB, IIAT (Thai) IIA-US (U.S.)	The project was completed in November 2002



**Projects Approved for Funding**

<b>Projects Approved for Funding</b>				
<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Capacity building for Internal Auditors profession Year II – Control Self Assessment Program/ <i>Corporate Good Governance</i>	The Institute of Internal Auditors (IIA-US) is joining with the Institute of Internal Auditors of Thailand (IIAT) to deliver a public education and to conduct professional training course on Control Self Assessment (CSA) Program for The Institute of Internal Auditors of Thailand’s members in building capacity for internal auditor profession.	To improve Thailand’s financial and corporate governance through the education of internal auditors profession.	IIAT (Thai) IIA-US (U.S.)	Ms. Johanna Swauger, IIA’s Assistant Vice President of the Research & Analysis, traveled to Bangkok to deliver a seminar and two training classes on “Enterprise Risk Management” from July 17 – 24, 2004. The project was successfully completed.
IPR Management Training Program/ <i>International Competitiveness</i>	The International Intellectual Property Institute (IIPI) and BIOTEC will join together with KIAAsia and other key stakeholders to contribute to a roadmap for national IP development and provide intellectual property management training for researchers, potential biotech entrepreneurs, investors and SMEs to promote bio-entrepreneurship in Thailand and build the IPR commercialization skills of a core group of KIAAsia Intellectual Property consultants.	To develop and deliver a course for entrepreneurs, researchers and bio-entrepreneurs on IPR commercialization	BIOTEC, KIAAsia (Thai) IIPI (U.S.)	On July 29, BSOP hosted a discussion forum on “Intellectual Property Roadmap for Thailand” in cooperation with BIOTEC, Thailand Research Fund (TRF), and Chulalongkorn University’s Intellectual Property Institute (CU IPI) and IIPI.
Corporate Citizenship Training Program: Engaging the Private Sector for Sustainable Economic Progress – Phase I/ <i>Corporate Good Governance</i>	KIAAsia's BSOP program, Thai experts from CSR Working committee and academics, and The Center for Corporate Citizenship at Boston College (The Center) will join together to deliver a series of training initiatives that promote private sector participation in local economic development.	To engage in social and economic development within their communities.	KIAAsia, Thai experts (Thai) CCC (U.S.)	KIAAsia in collaboration with CCC delivered a training program on “The Institute on Corporate Community Involvement” for the first time in Thailand. The training was held on June 22 – 23, 2004 for approx. 30 participants from Thai and multinational companies. The project was successfully completed.

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**Projects Approved for Funding**

<i>Large Grants</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Developing the Rayong Livable Community: Proposal for the Economic Development Partnership Component/ <i>Corporate</i> Good Governance	BSOP is joining with Cornerstone Global Program, U.S. Economic Development Partnership Industrial Estate Authority of Thailand (IEAT), Dow Chemical Thailand, Ltd, and Rayong community, to implement the Economic Development Partnership in Rayong. Through this project, stakeholders in the Rayong community along with KIASia staff will gain hands-on experience in creating and sustaining an economic development partnership to (re)develop the Rayong province into a “livable community”.	To develop and sustain a pilot economic development partnership in Mab Tha Phut/Rayong that effectively addresses the community’s (re)development agenda	KIASia, Dow Chemical, IEAT (Thai) KIW, U.S. EDP (U.S.)	Three delegates from Rayong Community participated in the U.S. Study Tour to learn more about the U.S. economic development partnership model. The trip took place from September 12 – 25, 2004.





**Projects Approved for Funding**

Small Grants				
Project Name / Objective	Description	Objectives/ outcomes	Partners	Status
Technical Assistance for Thailand Rating Information Services (TRIS) / <i>Financial Governance</i>	Mr. Reed C. Parker, Volunteer Executive from IESC, had spent one month in Bangkok to provide technical assistance to TRIS in the area of credit rating from January 17 - February 11, 2000.	To strengthen Thai corporations' abilities to raise funds by improving the capabilities of TRIS in bond rating.	TRIS (Thai), IESC (US)	The project was completed in February 2000.
Technical Assistance for Thailand Rating Information Services (TRIS) - Trip # 2/ Financial governance	An expert from Financial Services Volunteer Corps (FSVC) is providing technical assistance and training on traditional credit rating methodology to TRIS analysts. The program will also include the on-the-job training on specific cases to be rated.	To strengthen the capabilities of TRIS in credit rating methodologies and procedures, securitization	TRIS (Thai), FSVC (US)	The project was already completed.
APICS-TLAPS Partnership / <i>International Competitiveness</i>	With BSOP Support, Mr. Richard Welch, former President of APICS to travel to Bangkok to attend the TLAPS conference and to build the relationship with TLAPS in May 2000. TLAPS President and Advisor also attended APICS conference held in October 2001 under BSOP support.	To establish long-term cooperation between TLAPS and APICS	TLAPS (Thai), APICS (US)	The project was already completed.
International Auditor Fellowship Program / <i>Corporate Governance</i>	The officials from the Office of the Auditor General (OAG) participated in an International Auditor Fellowship Program organized by the US General Accounting Office (GAO). The GAO Fellowship program, which supports the goal of the International Organization of Supreme Audit Institutions (INTOSAI) to strengthen auditing and financial management practices and promotes the sharing of information and experiences among Supreme Audit Institutions (SAI) throughout the world.	To improve the capabilities of the OAG staff and develop a relationship between OAG and GAO	OAG (Thai), GAO (U.S.)	Under BSOP support, two OAG staff, including Mr. Phaisarn Vorasetsiri (2000), and Mr. Karanee Butrameeboon (2001), participated in the GAO Fellowship program in U.S. The program was already completed.

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	Institutions (SAI) throughout the world.			
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**Projects Approved for Funding**

<b>Small Grants</b>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
The International Auditor Fellowship Program's field office placement 2000 / <i>Corporate Governance</i>	The program is a continuation of the International Auditor Fellowship program and is designed to provide the participant with training, which includes gaining practical experiences in designing and implementing audits.	To improve the capabilities of the OAG staff and develop a relationship between OAG and GAO	OAG (Thai) GAO (U.S.)	Mr. Phaisarn Vorasetsiri, the 2000 GAO Fellow, was selected to participate in the on-the-job training at GAO's field office in Chicago. The program was already completed.
Land Assessors' standard and procedures / <i>Financial Governance</i>	Mr. James Park, Director of Research and Technical Issues from the Appraisal Foundation (TAF) came over to hold talks with key Thai organizations involved in the land assessment in late August.	Improve knowledge of assessors in Thai assessment organizations	Association of Thai Assessors, TAF (U.S.)	The program was completed in August 2000.
Certificate for Occupational Health and Safety / <i>International Competitiveness</i>	BSOP provided financial support to Mr. Dan Agopsowicz, the Board Chair of the American Board of Industrial Hygiene to deliver a seminar to the Occupational Health and Safety at Work Association in Thailand	To initiate training programs and establish a certificate program to comply with the new Labour ACT.	OHSWA (Thai), ABIH (U.S.)	The program was already completed.
SET Derivatives Program / <i>Financial Governance</i>	Mr. Robert B. Gilmore, an expert consultant, came to provide technical assistance and training to the Stock Exchange of Thailand (SET) to improve SET's knowledge of derivatives and systems to offer derivatives products.	To prepare the SET's staff for delivering of new derivatives products.	SET (Thai), U.S. partner	The program was completed.

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Thai Credit Bureau / <b>Financial Governance</b>	With BSOP support, the executives from the Central Credit Information Services Co., Ltd. (CCIS) and the Thai Credit Bureau Co., Ltd., attended The Credit Reporting World Conference held by the US Consumer Data Industry Association (CDIA) in 2000 and 2002.	Better knowledge on credit bureaus	CCIS, TCB (Thai), CDIA (US)	The program was completed.
BMA – Thai BDC Partnership/ <b>Financial Governance</b>	Mr. Michael Decker, Vice President of Research and Policy Analysis at the Bond Market Association (TBMA) held the meetings with the Thai Bond Dealing Centre (Thai BDC) and the Thai regulators in the area of bond market development in Thailand. This is the first step of building the partnership between Thai DBC and TBMA.	To build the partnership between Thai BDC and TBMA	Thai BDC, TBMA (U.S.)	The trip has been completed
International Pension Exchange Program/ <b>Financial Governance</b>	Three US. Experts from Pacific Pension Institute (PPI) provided technical assistance to Government Pension Fund (GPF) of Thailand and gave their presentations at the "World Class Fund Management" conference held by GPF.	To educate GPF staff on pension fund management	GPF (Thai), PPI (U.S.)	The project was completed in May 2001.
International Pension Exchange Program II/ <b>Financial Governance</b>	BSOP provided support for the expert from Pacific Pension Fund to deliver a 2003 Asian Pension Fund Roundtable Meeting to be held December 11 - 12, 2003 in Bangkok.	To strengthen the standards and performance of national pension systems and to promote more effective and transparent corporate governance in the private sectors throughout the region	GPF (Thai), PPI (U.S.)	The project was approved in December 2003.
Secured Transaction Law Development and Implementation/ <b>Legislative and Judicial Reforms</b>	With BSOP support, Dr. Thammanoon Phitayaporn, to attend the International Colloquium on Secured Transactions to discuss the first preliminary draft	To share Thailand's views on Secured Transactions Law with	OJ (Thai) UNCITRAL	The project was completed.

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	Legislative Guide on Secured Transactions prepared by the Secretariat of the United Nations Commission on International Trade Law (UNCITRAL)	international communities		
Thai Telecommunication Development/ <i>International Competitiveness</i>	Under BSOP support to the Post and Telegraph Department (PTD), the Communication Authority of Thailand (CAT) and the Telephone Organization of Thailand (TOT) sent the delegation to attend the "Southern Asian Telecommunications Regulatory Workshop" in Jakarta, Indonesia. In addition, the BSOP also has provided expert assistance to set up regulatory procedures for Thai National Telecommunications Commission (NTC).	To develop regulatory procedures for Thai NTC.	PTD (Thai), CAT (Thai), TOT (Thai), U.S. expert	The project was completed.
Bankruptcy Law Reform Project/ <i>Legislative and Judicial Reforms</i>	Mr. George M. Kelakos made his preliminary trip to Bangkok to discuss the American Bankruptcy Institute (ABI)'s technical assistance in the issues related to bankruptcy law reform with the Council of State (COS).	To promote bankruptcy law reform in Thailand	COS (Thai) ABI (U.S.)	The project was completed in April 2002.

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**Projects Approved for Funding**

**Small Grants**

<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
Judicial Capacity regarding Intellectual Property – Enforcement and Dispute Settlement/ <i>Legislative and Judicial Reforms</i>	Three senior judges from the Central Intellectual Property and International Trade Court participated in the conference on Judicial Capacity regarding Intellectual Property – Enforcement and Dispute Settlement held in Washington D.C., U.S. September 12 – 13, 2002. The conference is organized by the United States Patent and Trade Mark Office (USPTO) and the International Intellectual Property Institute (IIPI) to provide a forum for participants from developed and developing countries to share their experiences in Intellectual Property Enforcement and Dispute Settlement.	To share Thailand’s experiences on IPR with international	IP&IT court (Thai), IIPI (U.S.)	The project was completed in September 2002
The 5 <sup>th</sup> Annual Symposium on Intellectual Property Law: New Dimension in Present and Future/ <i>Legislative and Judicial Reforms</i>	BSOP provided partial support for the Central Intellectual Property and International Trade Court to organize the 5 <sup>th</sup> Annual Symposium on Intellectual Property Law: New Dimension in Present and Future. The symposium was held December 2 – 3 in Bangkok.	To expose Thai public to international practices of IPR	IP&IT court (Thai), IIPI (U.S.)	The project was completed.
Workshop for bankers on negotiating and mediating NPL settlements effectively/ <i>Financial and Corporate Governance</i>	The BSOP in collaboration with the Thai Bankers' Association, Alternative Dispute Resolution Office, and the World Bank organized a one-day workshop entitled "Negotiating and Mediating NPL Settlements Effectively." The workshop was conducted by two U.S. experts from the American Bankruptcy Institute, Mr. Jacob Esher, Senior Mediator, JAMS, and Mr.	to promote mediation to resolved financial cases in the courts in order to strengthen Thailand’s financial and judiciary systems	TBA, ADR (Thai), ABI (U.S.), World Bank	The activity was completed.

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	George M. Kelakos, Special Counsel, Heller Ehrman Attorneys. The participants included 50 bankers and representatives from Thai Asset Management Corporation (TAMC) and the Corporate Debt Restructuring Advisory Committee (CDRAC) of the Bank of Thailand.			
IP and Bioentrepreneurship Training Workshops/ <i>International Competitiveness</i>	Two US experts, Dr. Mark Tang of World Technology Ventures, and Dr. Frances Toneguzzo, Director of Licensing, MGH, Harvard Medical School, traveled to Thailand to deliver an introductory training course on IP Management to BAC consultants. Subsequently, KIAAsia and BIOTEC co-organized a full-day workshop on “Bioentrepreneurship” on July 18, as part of the BioThailand 2003 conference in Pattaya. The US experts joined Thai and international experts presented to 80 researchers, entrepreneurs, government and corporate participants.	To raise the awareness concerning bioentrepreneurship in Thailand	KIAAsia, BIOTEC (Thai), IIPi (U.S.)	The activities were completed.
Workshop on IPR Enforcement/ <i>Legislative and Judicial Reform</i>	BSOP provided partial support for Mr. George M. Kelakos, Co-Chair of the International Committee of the American Bankruptcy Institute to participate in and share the U.S. experiences related to Alternative Dispute Resolution and mediation in intellectual property enforcement cases at a workshop on IPR enforcement to be held in Bangkok from May 18 – 21. The workshop is organized by the United States Patent and Trademark Office.	To promote best practices of ADR in IP enforcement cases	KIAAsia, ABI, USPTO (U.S.)	Mr. George M. Kelakos traveled to Bangkok in mid May to participate in the workshop on IPR Enforcement, organized by the USPTO.



## AERA Regional Regulatory Dialogue Program Quarterly Activities Report (July – September 2004)

<i>AERA Regional Regulatory Dialogue Program – Projects Approved for Funding</i>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
<b>Dialogue projects in Thailand</b>				
Strengthening Administrative Court Capacity: Judge Forum on Administrative Contracts	The experts from the U.S. Court of Federal Claims and other U.S. organizations provided technical assistance to strengthen the capacity of the Thai Administrative Courts in hearing administrative contract disputes	To develop court policy guidelines on Administrative Contracts	OAC (Thai), U.S. CFC	The project was already completed in March 2003.
Strengthening Administrative Court Capacity: Case Management and Court Administration	PADCO and KIAAsia facilitated a partnership between the Thai Administrative Courts and the U.S. Federal Judicial Center to strengthen the capacity of the Thai Administrative Courts in managing cases by raising awareness of senior judges on U.S. best practices and developing an action plan for implementing a recent assessment of the Court's case management capabilities by AusAID.	To develop guidelines on a Court policy for case management and court administration	OAC (Thai), U.S. CFC, FJC (U.S.)	The Office of the Administrative Courts organized a Thai – U.S. Forum on Case Management and Case Tracking System on July 21, 2004. Two U.S. experts joined the forum to share the U.S. experiences with Thai judges. The project was successfully completed in July 2004.
Developing a Thai Class Action Law	The American Bar Association (ABA) provided expert assistance to work with the Council of State (CoS), the Class Action Research Team, and the Class Action Subcommittee in developing the new Thai Class Action Law.	To develop the Thai Class Action Law	CoS (Thai), ABA (U.S.)	The project was successfully completed.

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*AERA Regional Regulatory Dialogue Program – Projects Approved for Funding*

<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ outcomes</b>	<b>Partners</b>	<b>Status</b>
<b>Dialogue projects in Thailand</b>				
Developing a Thai Open Meetings Law	The Office of the Maryland Attorney General, PADCO and the Kenan Institutes will work with the, Council of State, the Open Meetings Law Subcommittee, and the research team to facilitate access to international and U.S. best practices in developing the new open meetings law by establishing direct linkages between Thai and U.S. practitioners and legal experts.	To develop the Thai Open Meetings Law	CoS (Thai), Office of Maryland Attorney General (U.S.)	The project has been approved on December 17, 2003.
<b>Dialogue projects in Vietnam</b>				
Supporting Development of an IP Court in Vietnam	In partnership with the USAID's Support for Trade Acceleration (STAR) project, PADCO facilitated dialogue between Vietnamese and Thai judges and other counterpart agencies and organization to support the development of a specialized court or bench within the Vietnam Supreme People's Court to enable implementation of the U.S.-Vietnam Bilateral Trade Agreement (BTA). This program included a series of integrated activities planned and implemented in cooperation with the STAR program.	To develop an Intellectual Property Court in Vietnam	Vietnam Supreme People's Court; Thai Central Intellectual Property and International Trade (CIPIT) Court	Two Thai judges from the Central Intellectual Property Court traveled to Hanoi, Vietnam to participate in and share legal experiences related to intellectual property at two seminars on IPR disputes held June 23 - 27. The seminars, organized by the Supreme People's Court of Vietnam, aimed aim to address the aspects of Vietnam's intellectual property obligations under the Vietnam-U.S. Bilateral Trade Agreement and TRIPS. The activity was completed.

*AERA Regional Regulatory Dialogue Program – Projects Approved for Funding*

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Project Name / Objective	Description	Objectives/ outcomes	Partners	Status
<b>Dialogue projects in Vietnam</b>				
Regional Dialogue on Public Participation in Government Decision Making	PADCO, KIAAsia and The Asia Foundation facilitated linkages between Vietnam and Thailand on public participation related to their on-going efforts to develop new legal frameworks, and in addition launched a regional forum on public participation. Activities will include: (1) focused exchange between Vietnam and Thailand, and (2) a linked regional seminar in Bangkok. Participants will include legislators, agency officials and civil society leaders from Indonesia, Philippines, Thailand and Vietnam.	To promote public participation in Vietnam	Vietnam Office of the National Assembly; Thai Council of State, the Asia Foundation	The project was completed in July 2003.
Strengthening Vietnam Administrative and Judicial Review Process: Sharing Experience with Thai Administrative Agencies and Courts	The AERA Regional Regulatory Dialogue Program provided support for the Vietnamese delegation to visit Thai counterpart agencies and courts to exchange information and experience on administrative agency and court review, and dispute resolution. The visitation exposed the Vietnamese delegation to Thailand's practices in administrative and judicial review process. This activity is joint program between the Vietnam STAR program and AERA's Regulatory Dialogue program to strengthen Vietnam's administrative and judicial review process.	To strengthen Vietnam's administrative and judicial review process	Communist Party of Vietnam, STAR-Vietnam, Thailand's Administrative Courts, Council of State, Alternative Dispute Resolution Office, Revenue Dept., and Central Intellectual Property and International Trade Court	Eleven senior officials from Vietnamese courts and government agencies visited Thai counterparts, including courts and government agencies between January 12 – 16, 2004 to learn more about Thailand's practices in administrative and judicial review process. The activity was completed.
<i>AERA Regional Regulatory Dialogue Program – Projects Approved for Funding</i>				

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Project Name / Objective	Description	Objectives/ outcomes	Partners	Status
<b>Dialogue projects in Vietnam</b>				
Thailand – Vietnam Training on Intellectual Property Enforcement	In partnership with the USAID's Support for Trade Acceleration (STAR) project, PADCO and KIAAsia is facilitating dialogue between Vietnamese and Thai judges and other counterpart agencies and organization to support the development of a specialized court or bench within the Vietnam Supreme People's Court to enable implementation of the U.S.-Vietnam Bilateral Trade Agreement (BTA). This program will include a three-week training program for Vietnamese judges on IPR enforcement to support movement toward establishment of a specialized IPR court. From venues in Vietnam and Thailand, this comprehensive training program will include presentations, training sessions and site visits conducted experts from Vietnam, Thailand and the U.S. In addition, to expand regional cooperation on IPR enforcement, the program will include judges from China and Laos.	To support the establishment of a specialize IP court in Vietnam by strengthening the capabilities of selected Vietnamese judges in handling IPR cases through specialized training on IPR principles, litigation procedures and institutional arrangements	Central Intellectual Property and International Trade Court (CIPIT), STAR-Vietnam, Supreme People's Court of Vietnam	Two senior judges from the Supreme People's Court of Vietnam traveled to Bangkok to have a preliminary meeting with Thai counterparts including CIPTI and the Thai Supreme Court. The project was approved by the KIAAsia Working Group Committee on June 23, 2004. The training is scheduled for mid November 2004.

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## Border Action Against Malaria Project Matrix

<i>BAAM Projects Approved for Funding</i>				
<b>Small Grants</b>				
<b>Project Name / Objective</b>	<b>Description</b>	<b>Objectives/ Outcomes</b>	<b>Partners</b>	<b>Status</b>
<p>The Study of Antimalarial Drug Use Practice in Thailand / <i>Surveillance of MDR Malaria</i></p>	<p>This activity consists of phase I, problem identification. Initial data collection will take place on the eastern border of Thailand with Cambodia. Since a study took place in Cambodia in October 2002, there may be a comparison of information across the border with Cambodian colleagues to identify potential areas of collaboration and joint approaches. It is anticipated that once the approach is developed for eastern Thailand, it will be adapted to the specific local conditions in other border regions, such as on the Thai-Burmese border, and that those areas will also be surveyed.</p> <p>The overall objective of this activity is to enhance the capacity of national and local counterparts to systematically identify and monitor community-level drug management practices and use and disseminate this information to develop policy and programmatic interventions.</p>	<p>Specific Objectives:</p> <ol style="list-style-type: none"> <li>1. Develop a Thailand-specific assessment and monitoring tool, which can be applied in border areas in Thailand</li> <li>2. Develop the capacity to adapt the tool to local circumstances and apply it in selected areas</li> <li>3. Analyze the findings to identify key drug use problems that may require additional exploration</li> </ol>	<ul style="list-style-type: none"> <li>• Bureau of Vector Borne Disease (Sub-Grantee)</li> <li>• Chantaburi Provincial Public Health Office</li> <li>• Office of Disease Control Chonburi</li> <li>• Management sciences for Health</li> </ul> <p>Chantaburi Province Vector-borne Disease Control Center, Vector-borne Disease Control Units in Pong Nam Ron and Soi Dao Districts</p>	<p>Data collection is completed and analysis is underway.</p> <p>A proposal has been prepared and submitted for approval to expand coverage to the Thai-Burma border at sentinel surveillance sites in Mae Hong Son and Tak Provinces.</p>

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BAAM Projects Approved for Funding

Large Grants

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
<p>Strengthening of Sentinel Surveillance System for Anti-malarial Drug Resistance in Thailand / <i>Surveillance of MDR Malaria</i></p>	<p>With the Malaria Group of the Bureau of Vector-Borne Diseases (MOPH) as focal point, the ADR surveillance network comprises malaria clinics under responsibility of regional Vector Borne Disease Control Offices 1-5, provincial and district community hospitals, and academic field research stations. Nine border provinces with high malaria incidence are selected as sentinel sites, <i>i.e.</i>, Chiang Mai, Mae Hong Son, Tak, Kanchanaburi, Ranong, Ratchaburi, Ubon Ratchathani, Chanthaburi, and Trat. Main activities are:</p> <ol style="list-style-type: none"> <li>1. Training on <i>in vivo</i> therapeutic efficacy assessment and <i>in vitro</i> sensitivity study;</li> <li>2. <i>In vivo</i> therapeutic efficacy assessment of the first line treatment regimens;</li> <li>3. <i>In vitro</i> sensitivity study of the currently used anti-malarial drugs;</li> <li>4. Establishment of an information center for ADR network at the Malaria Division.</li> </ol>	<ol style="list-style-type: none"> <li>1. To establish a network of sentinel surveillance sites for monitoring anti-malarial drug resistance in Thailand</li> <li>2. To study the current situation of anti-malarial drugs in Thailand both <i>in vivo</i> and <i>in vitro</i> and including using HRP2 drug sensitivity assay</li> <li>3. To strengthen the cooperation among sentinel sites in country and among neighboring countries towards sharing anti-malarial drug resistance information</li> </ol>	<ol style="list-style-type: none"> <li>1. The Malaria Group, Bureau of Vector-Borne Diseases</li> <li>2. Provincial and district hospitals</li> <li>3. Mahidol University</li> <li>4. Siriraja Hospital</li> <li>5. Thammasat University</li> <li>6. The Royal Thai Armed Forces Research Institute for Medical Science</li> <li>7. WHO</li> </ol>	<p>Initial and refresher training completed; sentinel surveillance by <i>in vivo</i> therapeutic efficacy study, <i>in vitro</i> sensitivity study, and HRP2 assay of the currently used anti-malarial drugs is ongoing in 9 sentinel sites.</p> <p>Results of monitoring drug resistance in were analyzed at national technical workshops in 2002, 2003, 2004. Revised standard treatment regimen has been finalized. The national malaria drug policy committee has revised manuals on treatment guidelines for physicians and health workers; mefloquine-artesunate combination therapy will be used nation-wide starting in October 2004</p>

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BAAM Projects Approved for Funding

Large Grants

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
<p>Community-Based Malaria Control Along the Thai-Cambodia Border Through Civic Partnerships in Chantaburi and Trat Provinces / <b>Health System Reform –Decentralized Response Strategies and Effective Partnership Models</b></p>	<p>The main concept of the project is to strengthen community involvement in malaria control and toward self-reliance in the long run through the process of standardized method of working for prevention, cure, and control, by community-based work to improve the potential of community and local agencies to address the malaria problem by themselves with support by related health personnel and other multi-disciplinary teams.</p>	<ol style="list-style-type: none"> <li>1) To initiate malaria epidemiology information center in the community.</li> <li>2) To improve prevention in high-risk groups.</li> <li>3) To promote community participation in solving problem of prevention in high-risk groups, and promote use of dipstick test for early diagnosis.</li> <li>4) To promote community participation to address malaria with support by government organizations</li> <li>5) To build capacity of health personnel and volunteers, including health personnel from Cambodia border areas if requested to create a network for disease control by communities themselves in the long run.</li> </ol>	<ul style="list-style-type: none"> <li>• MOPH, VBDC, VDDUs</li> <li>• Chantaburi and Trat Provincial Public Health Offices</li> <li>• District Health Offices and Health Centers</li> <li>• Schools</li> <li>• High-risk groups</li> <li>• Village health volunteers</li> <li>• Government agencies</li> <li>• Community leaders</li> </ul>	<p>Orientation workshops on conducted, community civil-society forums on malaria problem, analysis, and action planning conducted in Chantaburi and Trat Provinces.</p> <p>Training on use of GIS for malaria control conducted in Chantaburi Province.</p> <p>Workshop conducted on community epidemiology for multi-sectoral local malaria control core participants in Trat Province, and training held on improved diagnosis and treatment of malaria in Trat Province.</p> <p>Community malaria core teams established and trained; stakeholder awareness and planning sessions conducted for community-based control projects; community malaria information centers established.</p>

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BAAM Projects Approved for Funding

Large Grants

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
<p>Developing and producing dipstick dye immunoassays utilizing dye particle-linked monoclonal antibodies developed against pLDH and pGAPDH for malaria antigen detection / <b>Increased Access to Rapid Parasitological Diagnosis and Effective Treatment</b></p>	<p>Preparing and purifying pLDH and pGAPDH for raising monoclonal antibodies, followed by research and development to determine the feasibility of local production of dipstick dye immunoassays utilizing dye particle-linked monoclonal antibodies developed against pLDH and pGAPDH for malaria antigen detection of both <i>P. falciparum</i> and non-<i>P. falciparum</i>.</p> <p><i>General objective: To locally produce a rapid, simplified, reliable and maximized sensitivity dipstick dye immunoassay utilizing dye particle-linked monoclonal antibody against pLDH and pGAPDH for detecting malaria antigens of falciparum and non-falciparum malaria in human blood by using our national resources.</i></p>	<ol style="list-style-type: none"> <li>1. To raise/characterize MAbs against pLDH and pGAPDH, maximize test sensitivity, genetic diversity to the <i>P. f.</i> parasite population, and not react to non-malaria antigen.</li> <li>2. To develop a rapid, simplified, sensitive, and specific dipstick assay to detect asexual erythrocytic stage of <i>P.f.</i> and non-<i>P.f.</i></li> <li>3. To increase sensitivity, aiming at 100% for densities of &gt;100 parasites per <math>\mu</math>l blood in four species.</li> <li>4. To improve readability of tests (better signal intensity &amp; avoidance of mix-ups).</li> <li>5. To evaluate relative sensitivity/specificity of the antigen detection dipstick method for <i>P. f.</i> malaria field diagnosis compared to microscopy.</li> <li>6. To set up a quality control system for sensitivity and specificity.</li> </ol>	<ol style="list-style-type: none"> <li>1. The Bureau of Vector-Borne Diseases, Department of Disease Control, MOPH</li> <li>2. National Institute of Health, Department of Medical Sciences, MOPH</li> </ol>	<p>Cloning and expression of pLDH in <i>E. coli</i> by genetic engineering obtained expressed fusion protein. By affinity purification, the protein obtained had high purity and good yield, and these proteins show the pLDH enzyme activity; Pre-immunized sera of rabbits were determined for the reactivity with pLDH and GST proteins by western blot analysis. Reactivity of the immunize sera was characterized by western blot analysis, followed by standardization of ELISA assay, determination of appropriate blocking solution in ELISA assay, and titration of polysera, which showed that the titer of reactivity with GST was lower than pLDH about 10-100 fold, indicating that the sera could react with pLDH with more specificity than GST.</p>

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BAAM Projects Approved for Funding

Large Grants

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
<p>Partnerships for a School-based Approach to Community Action Against Malaria / <i>Effective Partnership Models</i></p>	<p>The project builds partnerships to develop a model for a school-based approach to community action against malaria as a strategy for developing knowledge, attitudes, skills and behavior necessary for community-based self-reliant action against malaria in highly endemic border. The model comprises the following key elements:</p> <ul style="list-style-type: none"> <li>• A process for participatory learning and action against malaria by the school and community;</li> <li>• Use of case study approach on a whole school basis to study the local malaria situation and identify alternative solutions;</li> <li>• Use of life skills education methods to enhance the case study approach and develop/change behavior to prevent and reduce malaria;</li> <li>• Development of learning materials to support discovery learning;</li> <li>• Mobilization of communities for self-reliant action against malaria;</li> <li>• Provision of technical support to schools and communities;</li> <li>• Leveraging resources from local sub-district councils to support community malaria prevention and control plans and projects</li> </ul> <p>Phase II (replication trials) began in October 2002 with expansion to include 40 schools in Tak, Mae Hong Son, Chiang Mai, Chantaburi, and Trat Provinces.</p>	<ol style="list-style-type: none"> <li>1. To strengthen capacity of schools and teachers to facilitate participatory learning and action by students and communities to prevent and control malaria.</li> <li>2. To raise awareness and mobilize community action to prevent and control malaria.</li> <li>3. To set up an example of a working model with multi-sectoral organizations collaborating as equal stakeholders.</li> <li>4. To build on lessons learned and best practices for expansion of coverage to other endemic border areas facing increasingly multi-drug resistant malaria.</li> </ol>	<ul style="list-style-type: none"> <li>• Ministry of Education - Office of National Primary Education Commission: Office of Special Projects, Office of Supervision and Standards, Offices Provincial Primary Education Commissions in Tak, Mae Hong Son, Chiang Mai, Chantaburi, Trat</li> <li>• Health Behavior Development Group, Malaria Division</li> <li>• Regional Disease Control Offices, Vector Borne Disease Control Centers and Units</li> <li>• The Life Skills Development Foundation</li> <li>• Rajabhat Institute Chiang Mai</li> <li>• Border Patrol Police Bureau</li> </ul>	<p>Phase I (model-building): 200 teachers, principals, education supervisors from 25 schools in 4 districts received 25 days of training in 5 workshops. Students completed community malaria situation assessments, analyzed alternatives, and shared with community leaders in consultation workshops to reach consensus on action plans and projects. Community-generated malaria control projects received funding support. A participatory process evaluation was conducted in August 2002.</p> <p>109 grade 4-9 teachers/ supervisors from 15 expansion schools received 15 days training, conducted surveys of community health problems and malaria KAP, analysis of community malaria situation and alternatives for action. Community project planning underway.</p>

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BAAM Projects Approved for Funding

Small Grants

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
<p>Thailand Roll Back Malaria Strategic Planning Workshop / <i>Effective Partnership Models</i></p>	<p>BAAM Project Coordinating Unit organized a multi-agency gathering of key stakeholders in malaria control. Working group sessions were held to obtain input on key strategies for renewed joint efforts to control malaria with special focus on border areas and multi-drug resistant malaria. Deliberations focused on the following thematic areas:</p> <ul style="list-style-type: none"> <li>• Diagnosis, treatment, case management</li> <li>• Community/household prevention</li> <li>• Epidemiology, surveillance, mapping, GIS</li> <li>• Decentralization, health system reform, responsibilities, and processes for community participation</li> <li>• Staff capacity building and training methodologies</li> <li>• Participatory learning processes, and prototypes for action in target communities</li> <li>• International organizations/agencies and their contribution to Thailand Roll Back Malaria</li> </ul> <p>The thematic working groups presented results of their discussions in the form of recommended strategies, activities, support needed, and potential partner agencies for comments and plenary discussion.</p>	<ol style="list-style-type: none"> <li>1. To seek approaches and mechanisms for mutual cooperation for more successful malaria control.</li> <li>2. To provide an opportunity for all stakeholders to present experience and share ideas to move toward formulation of key joint strategies for collaboration in systematically advancing as appropriate and necessary.</li> </ol>	<ul style="list-style-type: none"> <li>• MOPH</li> <li>• Mahidol University</li> <li>• Thai and US AFRIMS</li> <li>• Royal Project Bureau</li> <li>• Royal Thai Army</li> <li>• Border Patrol Police Bureau</li> <li>• Hill tribe Welfare Division, Ministry of Labor and Social Welfare</li> <li>• Office of the National Economic and Social Development Board</li> <li>• Office of the National Primary Education Commission</li> <li>• The Life Skills Dev. Foundation</li> <li>• IMPECT</li> <li>• IRC</li> <li>• ACTMalaria</li> <li>• MSF</li> <li>• PATH Canada</li> <li>• UNICEF</li> <li>• WHO</li> <li>• USAID</li> </ul>	<p>Workshop completed in July 2000. Participants from the wide range of organizations involved in anti-malaria efforts in Thailand were able to achieve a considerable degree of consensus on four principal strategies for rolling back malaria in Thailand.</p> <ol style="list-style-type: none"> <li>1. Surveillance and response: epidemic preparedness, prevention and control</li> <li>2. Early diagnosis, prompt and effective treatment</li> <li>3. Household and community prevention</li> <li>4. Health system reform and decentralization to support local self-reliance in malaria control</li> <li>5. Collaboration and coordination with equal partnerships among local implementing agencies</li> </ol> <p>Program strategies, operational strategies, and potential partner agencies were compiled into a national strategic framework for Roll Back Malaria in Thailand.</p>

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*BAAM Projects Approved for Funding*

**Small Grants**

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
Participatory action research planning workshop in Chantaburi Province / <i>Effective Partnership Models</i>	Following on focus group discussions conducted with more than 200 malaria high-risk villagers in Chantaburi Province, MOPH Vector Borne Disease Control Office No. 5 organized a planning workshop with local government officials, informal employers and high-risk forest-related occupation groups from Pong Nam Ron and Soi Dao Districts. Working groups provided input into formulation of proposals for subgrants to support development of appropriate interventions for a community-based approach to malaria control in Thai-Cambodian border areas.	<ol style="list-style-type: none"> <li>1. To review results of focus group discussions with malaria high-risk groups.</li> <li>2. To generate input on interventions emphasizing self-reliance.</li> <li>3. To identify collaborating partners and their potential roles.</li> </ol>	<ul style="list-style-type: none"> <li>• MOPH VBDO No. 5, VBDC, VDDUs</li> <li>• Chantaburi Provincial Public Health Office</li> <li>• District Health Offices and Health Centers</li> <li>• Border Patrol Police</li> <li>• Royal Thai Marines</li> <li>• Principals and teachers</li> <li>• Informal employers</li> <li>• High-risk groups</li> <li>• Village health vols.</li> </ul>	Workshop completed in August 2001. Input used to formulate action research proposal planned for funding in FY 2002. Implementation underway on community-level epidemiology system using GIS and community awareness raising interventions.
Participatory action research planning workshops in Trat Province / <i>Effective Partnership Models</i>	MOPH Vector Borne Disease Control Office No. 5 organized two planning workshops in Trat Province, with local government officials, informal employers, subdistrict council members, and high-risk forest-related occupation groups from Bo Rai, Muang, and Klong Yai Districts. Working groups provided input into formulation of proposals for subgrants to support development of appropriate interventions for a community-based approach to malaria control in Thai-Cambodian border areas. These workshops were followed by consultations with key officials of Vector Borne Disease Control Office No. 5 on formulating a proposal for subgrant support from BAAM.	<ol style="list-style-type: none"> <li>4. To review results of focus group discussions with malaria high-risk groups.</li> <li>5. To generate input on interventions emphasizing self-reliance.</li> <li>6. To identify collaborating partners and their potential roles.</li> </ol>	<ul style="list-style-type: none"> <li>• , MOPH VBDO No. 5, VBDC, VDDUs</li> <li>• Chantaburi Provincial Public Health Office</li> <li>• District Health Offices and Health Centers</li> <li>• Border Patrol Police</li> <li>• Royal Thai Army and Marines</li> <li>• School Principals and teachers</li> <li>• Informal employers</li> <li>• High-risk groups</li> <li>• Village health vols.</li> </ul>	Workshops completed in November 2001. Input used to formulate action research proposal planned for funding in FY 2002. Implementation underway on community-level epidemiology system and community awareness raising interventions.

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*BAAM Projects Approved for Funding*

**Small Grants**

Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
USAID Roll Back Malaria Partners' Meeting: Informal Consultation on Monitoring Anti-malarial Drug Quality and Use Practices / <i>Surveillance of MDR Malaria</i>	BAAM Project Coordinating Unit organized a series of meetings from September 12-14, 2001 for consultations on monitoring drug quality and use practices among representatives of USAID Roll Back Malaria partners in Thailand, Cambodia, the U.S.A, and WHO.	<ol style="list-style-type: none"> <li>1. To identify important issues related to drug quality control and drug use practices in border areas;</li> <li>2. To identify priority actions needed to initiate study and monitoring of drug quality and use practices as components of sentinel surveillance;</li> <li>3. To identify potential implementing actors in study and monitoring of drug quality and use practices;</li> <li>4. To identify opportunities for technical cooperation, and support needed to implement study and monitoring of drug quality and use practices.</li> </ol>	<ul style="list-style-type: none"> <li>• USAID</li> <li>• WHO</li> <li>• Royal Thai Government Ministry of Public Health</li> <li>• Cambodian Ministry of Health</li> <li>• US Pharmacopeia</li> <li>• Management Sciences for Health</li> <li>• ACTMalaria</li> <li>• KIAAsia - BAAM PCU</li> </ul>	The consultation meetings are completed. The consultations resulted in identification of important issues and priority actions needed to initiate/implement study and monitoring of drug quality and drug use practices as integral components of sentinel surveillance of anti-malarial drug resistance with a focus on Thailand and Cambodia.



<p>Training of village health/malaria volunteers and sub-district council members / <b>Health System Reform – Decentralized Response Strategies and Effective Partnership Models</b></p>	<p>BAAM Project Coordinating Unit collaborated with VBDO Nos. 1 and 2 to organize 2 training workshops for village health/malaria volunteers and sub-district council members on in-depth community malaria situation analysis; prevention, control and treatment of malaria; and coordinating planning for community action against malaria.</p>	<ol style="list-style-type: none"> <li>1. To increase knowledge, attitudes and behavior related to malaria.</li> <li>2. To understand analysis of risk and community malaria epidemiological situation.</li> <li>3. To prepare for collaboration with schools in analyzing alternative actions and formulating community malaria action plans.</li> </ol>	<ul style="list-style-type: none"> <li>• VBDO No. 1 and 2, VBDCs and VBDOs</li> <li>• Village health/malaria volunteers</li> <li>• Sub-district council members</li> <li>• Provincial Primary Education Offices</li> <li>• The Life Skills Development Foundation</li> <li>• BAAM PCU</li> </ul>	<p>Training workshops were completed in February 2002. Volunteers and sub-district council members from communities served by 25 schools in 4 districts have increased knowledge about malaria, situation/risk analysis, and are prepared to collaborate in school-community malaria action planning workshops in July 2002.</p>
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<p><i>BAAM Projects Approved for Funding</i></p>				
<p><b>Small Grants</b></p>				
Project Name / Objective	Description	Objectives/ Outcomes	Partners	Status
<p>Write shop to summarize one year implementation of the Partnerships for a School-based Approach to Community Action Against Malaria Project / <b>Effective Partnership Models</b></p>	<p>BAAM Project Coordinating Unit collaborated with the Special Projects Office of the Office of the National Primary Education Commission to organize a write shop to summarize implementation at the whole-school level and at each grade level from kindergarten to grade 9 under the Partnerships for a School-based Approach to Community Action Against Malaria Project.</p>	<ol style="list-style-type: none"> <li>1. To summarize results of first year implementation including learning processes, curriculum linkages, and teaching plans.</li> </ol>	<ul style="list-style-type: none"> <li>• Special Projects Office of the Office of the National Primary Education Commission</li> <li>• Provincial and District Offices of Primary Education</li> <li>• The Life Skills Development Foundation</li> <li>• BAAM PCU</li> </ul>	<p>Writesops completed in April 2002, 2003, and 2004. Representatives of 40 schools in 4 provinces summarized implementation, learning processes, content, life skills, problems &amp; solutions, results, benefits.</p>

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<p>Transfer of technology training on preparing and purifying pLDH and pGAPDH for raising monoclonal antibodies / <b><i>Increased Access to Rapid Parasitological Diagnosis and Effective Treatment</i></b></p>	<p>Dr. Pongwit Bualombai of the Malaria Division was sent to the University of Manchester to participate in a short training course on preparing and purifying pLDH and pGAPDH for raising monoclonal antibodies. If this is successful, it will be followed by research and development to determine the feasibility of local production of dipstick dye immunoassays utilizing dye particle-linked monoclonal antibodies developed against pLDH and pGAPDH for malaria antigen detection of both <i>P. falciparum</i> and non-<i>P. falciparum</i>.</p>	<p>1. Transfer of technology on preparing and purifying pLDH and pGAPDH for raising monoclonal antibodies</p>	<ul style="list-style-type: none"> <li>• Malaria Division, Department of Communicable Disease Control, MOPH</li> <li>• National Institute of Health, Department of Medical Sciences, MOPH</li> </ul>	<p>Dr. Pongwit Bualombai is undergoing training at the Department of Molecular Biology, University of Manchester, and will return in July.</p>
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