Train the Trainer Workshop on e-Authentication

Purpose: Information
Submitted by: Chinese Taipei

**Security and Prosperity Steering Group
Meeting
Cancun, Mexico
26-29 September 2009**

APEC PROJECT PROPOSAL

Facesheet

Name of Committee/Working Group: Security and Prosperity Steering Group	
Title of Project: Train the Trainer Workshop on e-Authentication	
Proposing APEC Economy: 1)Chinese Taipei	
Co-sponsoring APEC Economies: 2)Peru; 3)Vietnam ; 4)Thailand;	
Project number: *(To be filled in by Secretariat)*	Date received by Secretariat: *(To be filled in by Secretariat)*
(Tick ✓ one) **[✓] Project seeking APEC funding [ ] Progress Report [ ] Evaluation Report**	
(Tick ✓ one if applicable) **[ ] Operational Account [ ] TILF Special Account [✓] APEC Support Fund**	
(Tick ✓ if applicable) **[ ]** QAF attached QAF not applicable **[ ]** QAF attached	

Financial Information	Total cost of proposal (US$): 84,220	**Amount being sought from APEC funding (US$):** **37,700**

Type of Project: [✓] seminar/symposium [ ] short-term training course [ ] survey or analysis and research [ ] database/website [ ] others *(Please specify)*	
Project start date: 01/05/2010	Project end date: 31/07/2011

Brief Description of Project -- its purpose and the principal activities (including when and where):

E-Authentication is an essential infrastructure to secure e-commerce transactions. From executing the previous project -- "APEC TEL PKI/e-Authentication Training Program", conducting the annual PKI/e-Authentication Advancement Survey, and hosting APEC TEL PKI/e-Authentication Training Program, we find that there are lots of barriers to promote PKI (which represents one of the mature technologies in the field of e-authentication), and policy makers are the key to a successful implementation, and there are developing economies needed help to expedite the advancement in e-government and e-commerce applications.

The key to effectively and efficiently promoting the proliferation of e-authentication to manage the security and safety of digital identities in an economy is to encourage a long-term strategy of capacity building from the foundation, and what we could do at APEC TEL is to initiate an approach to help globalize the experience of "APEC TEL PKI/e-Authentication Training Program". **Now focus on "e-authentication" in general so as to include newer approaches/standards and share new technologies with participants at the initiative workshop.**

To enable realization of quick proliferation, deployment APEC wide, and long-run, continuous and effective strategic commitments to proliferation by all interested economies, especially developing economies within APEC region, in need of APEC fund. If the experience of training program can be learned, a long-term strategy of capacity building can be resulted in recommendation for joint efforts on further development to harmonize into a unique approach among regions in forming up properly sustainable supports. To be of significant impact, benefit and influence, "Train the Trainer Workshop on e-Authentication" aims to strategically enable seed instructors with trainer skills to deploy e-authentication training program in his/her economy, and help reduce the secured information and communication technologies (ICT) gap between developed and developing member economies. **The proposal is for a project to strategically hold a "Train the Trainer Workshop on e-Authentication", to enable continuous proliferation of e-authentication in different aspects/models, in different developing economies, in the long-run.**

It is scheduled to be held in Taipei in Q4, 2010(during October or November, the actual schedule will depend on the availability of the host venue). 2 per travel-eligible economy, a total of 15-22 targeted to be trainers are selected from the government sectors, academia, research institutes, and private sectors, based on the urgent demand of proliferation of e-authentication. The workshop is an interactive one, with simulations, group discussions and exchanges on execution. Besides "APEC TEL PKI/e-Authentication Training Program", holding the initiative Train the Trainer workshop on e-Authentication allows:

- Feasible strategies and cooperation to enable globalizing the experience of "APEC TEL PKI/e-Authentication Training Program".
- Commitments to a long-term strategy of capacity building, and the ongoing support to secured ICT are expected. Such as forming an experience sharing networking, building up training material database, developing a training tool, devoting to cooperation on secured ICT.
- Participants who have commenced implementation after the preliminary training program to return for further clarifications and discussions. They can also contribute to the workshop by sharing their experience in proliferation of e-authentication with others.
- Lecturers to better customize the session to meet the specific needs of APEC economies following the survey on "the intention to a long-term strategy of capacity building in proliferation of e-authentication" conducted before the enlistment.
- A manageable workshop to facilitate in depth discussion and exchanges between lecturers and participants.

Each application needs to complete a survey form which is to confirm "the intention to a long-term strategy of capacity building in proliferation of e-authentication". The applicants should show his/her potential trainer capabilities in the application materials, and commit to feedback the on-going or the further practice at the workshop. The lecturers will lead the discussion, help point out the key issues, and effectively transfer trainer skills. "Trainer's Manual" will be delivered, and provided in order to help the participants to expedite proliferation in his/her economy, and the experience of "APEC TEL PKI/e-Authentication Training Program" can be therefore deployed in APEC region.

There will be a satisfaction and feedback survey assessed by participants for evaluation appraisal of the workshop. "Train the Trainer Workshop on e-Authentication" can be deemed as the pilot run program. The follow-up workshops are expected if potential to be trainers with competing schedules have a chance in attending at least one workshop, and economies with overall concerns to recommend different domain of participants. The approach of workshop can be deployed in other ICT areas in APEC.

Project Overseer: Name, Title and Organization (M/F)	
Ms. Anita Kuo	
Director, PKI Promotion Program Office	
Industrial Technology Research Institute	Tel:+886-2-23925090 ext 101
7F, No.22, AiGuo East Road, Taipei, Taiwan	Fax:+886-2-23921752
	E-mail: anitakuo@itri.org.tw

Signature of Project Overseer:

(Separate written confirmation acceptable for email submission)   Date:

Signature of Committee Chair/WG Lead Shepherd: *(Not applicable to Progress Report and Evaluation Report)*

(Separate written confirmation acceptable for email submission)   Date:

<u>**Details of the Project Proposal**</u>

Please provide your answers in point form or as succinctly as possible below each paragraph heading.

A.   <u>**Project Design**</u>

Project Objectives

1)   Describe briefly how this project directly responds to the priorities set by APEC Leaders and Ministers and/or the vision of the host economy. Please make reference to the relevant parts of APEC documents.

The project is to meet capacity building needs for APEC developing economies. It will contribute to APEC's capacity building in response to "A New Commitment to Asia-Pacific Development" highlights the importance of reducing the gap between developed and developing member economies in 16th APEC ECONOMIC LEADERS' MEETING, 2008, and "Strengthening Cooperation and Capacity Building in APEC", APEC's program of Economic and Technical Cooperation (ECOTECH) -- the Development of Knowledge-Based Economies which is essential to achieving our objective of building capacity in a range of sectors in APEC economies. The commitment to the Manila Framework -- Developing Human Capital, Strengthening Economic Infrastructure, Harnessing Technologies for the Future which serves as the basis for the implementation of the ECOTECH activities outlined in the Osaka Action Agenda. For all member economies receive a quality education is critical to achieving social, individual, economic and sustainable development. It enables people to take advantage of the opportunities created by globalization. This project will help the APEC region including ongoing support to secured information and communication technologies (ICT).

This project is in line with the program of action of activities that launched by TELMIN6 in Lima, Peru in June 2005 as followings.
1. Advancing Information and Communications Infrastructure
2. Enabling Digital Opportunities through Effective Policy and Regulation
3. Advancing the Information Society through Human Capacity Building
4. Communication Networks for Disaster Mitigation and Relief Operation

In response to the instruction by Senior Officials in March 2005, the TEL has developed a future action plan to complement the e-APEC Strategy and to meet the Brunei Goals (TEL Chair) - the ultimate goal of universal Internet access by 2010. To further assist APEC economies meet the Brunei Goals, the TEL has agreed to:
1. Implement the APEC TEL Ministers 2005 Program of Action.
2. Support policies and regulations that promote the deployment of affordable and appropriate broadband infrastructure.
3. Encourage policies and regulations that support investment in both existing networks and alternative platforms.
4. Promote an open and transparent dialogue between all stakeholders.
5. Undertake human capacity development activities, to improve access, awareness, mastery, and application of ICT for the people of the region.
6. Seek APEC-wide recognition, including by APEC Leaders, of the importance of the "Key Principles for Broadband Development in the APEC Region".

And according to APEC TEL Ministers in the 2005 Program of Action, one of the actions is to encourage the development of policy approaches to enable the implementation and application of advanced technologies and services to expand access to unserved and underserved areas.

2)   Describe the **key objectives** of the project – *usually no more than three*

The key objectives of this project are following

▪ To deploy the workshop model to economies with high demand for trainer skills in e-authentication.

- To organize resources among sponsoring economies in local, regional and APEC Level and develop collaborative website for sharing and exchanging practices, knowledge and skills.

- To intentionally promote "Train the Trainer" approach within APEC and build up experience sharing networking among APEC member economies, and that is, to globalize the experience of "APEC TEL PKI/e-Authentication Training Program"

3) **Assessment.** With reference to each objective in paragraph 2), provide the **current status** and expected **end-of-project target,** so that the success of the project can be measured over the short and medium term. *The targets should be quantitative but if this is not possible then a precise description of the change aimed at should be given. Where appropriate, sex-disaggregated data should be used for assessment in order to detect any differential impact of the project on men and women.*

The success of this initiative workshop can be assessed by the following measurement yardsticks:
1. Survey on demand for trainer skills in e-authentication resulted from the workshop under this initiative among the participating economies.
2. Satisfaction survey assessed by participants attending the workshop.
3. Context of recommendations and reviews at the workshop towards an improvement of the future activities to best serve APEC member economies in e-authentication capacity building.
4. Commitments to a long-term strategy of capacity building, and the ongoing support to secured ICT.

4) Explain who the intended beneficiaries of this project are.

This proposed project would benefit the government, academia, research institutions and business entities. All APEC economies would be able participate to discuss better deployment and utilization of e-authentication, and benefits from equipping with the trainer skills to proliferate e-authentication.

Participants from the government, academia, research institutions and business entities will have the capability to train the local trainees and effectively execute the related promotion projects at hand, and be able access to the information networking among member economies.

The Government & Business Entities will be able to exchange the information and opportunity of IT capacity building for e-authentication implementation in e-government and e-commerce development.

Academia & Research institutions will have collaborations among teachers and researchers of member economies in sharing domain knowledge materials, best practices and valuable experiences.

5) Describe precisely the expected **project outputs**. Describe how these outputs will benefit the targeted beneficiaries.

1. Framework for deployment of the workshop model.

2. Guideline of "Train the Trainer" approach within APEC

3. Recommendation for long term joint efforts on further development to harmonize into a unique approach among regions in forming up properly sustainable supports.

6) For applications under the TILF Special Account: Describe briefly how this project will contribute to the APEC Trade and Investment Liberalization and Facilitation (e.g. relevance to specific parts of the Osaka Action Agenda).

N/A

Linkages

7) Which other APEC fora have been consulted about this project and what were the results?

In Hanoi in 2006, APEC Ministers extended this APEC tradition by encouraging "member economies to more deeply engage in building information and communications technologies (ICT) infrastructure and capacity to support strong efforts made in reaching the Brunei Goals on Internet access in the region," and welcoming APEC's collaboration with the private sector to "develop a framework for ICT-enabled growth in the region." The ICT-enabled growth initiative is designed to assist APEC economies in promoting the use and development of ICTs as a means to enhance their ability to participate in the global digital economy. The project is related to the six "I's" actions in the Digital Prosperity Checklist:

I. Infrastructure
  -- Communications
    8. Adopt security policies consistent with the 2002 APEC Cybersecurity Strategy and the 2005 APEC Strategy to Ensure a Trusted, Secure, and Sustainable Online Environment applications infrastructure;

II. INTELLECTUAL CAPITAL
  -- Skills and Capacity Development
    2. Emphasize vocational training programs to develop skills in management of an ICT workforce and ICT enterprise.

V. INFORMATION FLOWS
  -- Trusted Environment
    1. Implement policies to promote a trusted, secure, and sustainable online environment, consistent with the 2002 APEC Cybersecurity Strategy and 2005 APEC Strategy to Ensure a Trusted, Secure, and Sustainable Online Environment, including with respect to emerging technologies.
    4. Promote policies that increase security and authentication in electronic documents and transactions.
    5. Explore public-private partnerships related to securing elements of the online environment that have an impact on economic security.
    7. Adopt policies that foster the adoption and deployment of electronic or digital signature technologies.

VI. INTEGRATION
  -- Services
    1. Reduce or eliminate restrictions on the provision of key ICT-related services, including professional, telecommunications, value-added, computer and related, and consulting services.
    2. Reduce or eliminate restrictions on key supporting services – services that are needed in order to complete an electronic commerce transaction. (e.g. advertising, distribution, and express delivery).

A variety of issues on PKI standard, technology, policy issues had been done at e-Security Task Group (eSTG), Business Facilitation Steering Group(BFSG), APEC TEL. After the transformation of eSTG, TEL, Security and Prosperity Steering Group (SPSG) was formed at TEL 33. "APEC TEL PKI/e-Authentication Training Program" proposed by Chinese Taipei was approved at SPSG, TEL 34. Since 2006, 4 International PKI/e-Authentication Training Programs were held by AEPC TEL PKI/e-Authentication Training Center in Chinese Taipei and enabled 84 attendees experience sharing, and those programs have helped promote the proliferation of PKI/e-Authentication to manage the security and safety of digital identities.

APEC Guidelines for Secure International E-Commerce Transactions completed by TEL is being utilized in lots of projects at the Electronic Commerce Steering Group (ECSG). ECSG continues relevant work to implement APEC's Strategies and Actions toward a Cross-Border Paperless Trading Environment to enable the electronic transmission of trade-related information across the region by 2020. Secure exchange network and PKI mutual recognition have been implemented in pilot programs:
•Ensuring the implementation of the existing APEC Pathfinders:
–e-SPS, ECO, Revised Kyoto Convention
•Proposing new pathfinders for other priority areas:
–cross-border electronic transmission of customs clearance data for express consignment based on WCO customs data model, followed by further initiatives for air cargos and ocean-going cargos

8) **Active Participation** Describe how the intended beneficiaries among APEC stakeholders – APEC fora, governments, private sector and civil society, men/women will participate in the planning, implementation and evaluation of the project.

All APEC member economies can participate in the project. The government, academia, research institutions and business entities in the APEC economies are strongly encouraged to participate in this initiative workshop. They may also suggest relevant discussion topics, implementation and evaluation of the project.

The workshop which will be conducted in Q4, 2010, will be planned to invite 15-22 from travel-eligible economies, the government, academia, research institutions and private sectors. The participants should show his/her active participation in the workshop and this approach is expected to be deployed to other areas in APEC.

9) **Project influence** Describe how this project might contribute to any current or completed projects or activities in APEC or elsewhere. Why is APEC the most appropriate institution to fund the project?

"Train the Trainer Workshop on e-Authentication" will help enhance cooperative networking on effective proliferation of secured ICT infrastructure and e-Services integration, which is also related to activities that the Telecommunications and Information Working Group (TEL) continues its efforts to expand collaboration in dealing with issues of electronic security, to build confidence in the use of electronic networks, and to support policy and regulatory reforms that facilitate competition and the expanded reach of networks in e-APEC strategy.

Build upon the results of those previous projects :

1. "APEC TEL PKI/e-Authentication Training Program"

Since 2006, 4 International PKI/e-Authentication Training Programs were held and enabled 84 attendees experience sharing, and those programs have helped promote the proliferation of PKI/e-Authentication to manage the security and safety of digital identities. There are some previous participants of training programs, especially policy makers, demanding effective PKI/e-Authentication promotion while executing related projects. According to the 'PKI/e-Authentication Advancement Survey", the barriers of PKI Promotion include : 1) Application procedures are too complicated. 2) The cost of PKI implementation is too high. 3) The PKI market is still immature. 4) Civilian and enterprises still lack PKI knowledge. 5) Technical support issues are concerned. 6) Cultural acceptance of personal PKI and privacy concerns. 7) The PKI Promotion by the government is not enough. These indicate that even though PKI is recognized as a mature technology, its promotion is definitely not quite easy.

Capacity building in PKI/e-Authentication is demanding in developing economies. Since 2006, only 1/3 of the applicants could be admitted to the training program. The total investment of 7 training programs (2006-2012) by Chinese Taipei will be over 600,000USD.

2. Practices at ECSG, APEC

ECSG continues relevant work to implement APEC's Strategies and Actions toward a Cross-Border Paperless Trading Environment to enable the electronic transmission of trade-related information across the region by 2020.

Secure exchange network and PKI mutual recognition have been implemented in pilot programs:
•Ensuring the implementation of the existing APEC Pathfinders:
 – e-SPS, ECO, Revised Kyoto Convention
•Proposing new pathfinders for other priority areas:
 – cross-border electronic transmission of customs clearance data for express consignment based on WCO customs data model, followed by further initiatives for air cargos and ocean-going cargos

APEC is the most appropriate institution to fund the project：

Chinese Taipei initiates the new proposal in order to effectively globalize the experience of training program, and it is expected that the developing economies shall find better models to build-up the infrastructure of e-Authentication on their own in the long run, if "trainer the trainer" approach is deployed and supported by APEC.

"APEC TEL PKI/e-Authentication Training Program" is a preliminary training program, which aims at advancing PKI/e-Authentication awareness and strengthening related capabilities. While "Train the Trainer Workshop on e-Authentication" is an advanced approach, targeting on globalize the experience of "APEC TEL PKI/e-Authentication Training Program", and effective "Train the Trainer" on e-Authentication will help effectively shorten the ICT gap between developed and developing member economies.

APEC TEL PKI/e-Authentication Training Program" is from 2006 to 2012, initiated in APEC TEL 34, and held yearly with preliminary training courses, plays as a basis before "Train the Trainer" approach in the new project. There is an old saying "Teaching a man how to fish is better than giving him a fish". There are bold models to drive e-authentication proliferation at scale.

Now the new project is focused on e-authentication in general so as to include newer approaches/standards and share new technologies with participants at the initiative workshop.

To enable realization of quick proliferation, deployment APEC wide, and long-run, continuous and effective strategic commitments to proliferation by all interested economies, especially developing economies within APEC region, in need of APEC fund.

If the experience of training program can be learned, a long-term strategy of capacity building can be resulted in recommendation for long term joint efforts on further development to harmonize into a unique approach among regions in forming up properly sustainable supports.

To enable long-run, continuous and effective strategic commitments to proliferation, deployment APEC wide, by all interested economies, especially developing economies in need of APEC fund, therefore, APEC will be the most appropriate institution to fund the project -- "Train the Trainer Workshop on e-Authentication", and to enable bold models initiated by developing economies to drive e-authentication proliferation at scale.

Methodology

10) Describe the project's **methodology**. Break down the project implementation into discrete functional steps over time with the associated outputs clearly specified. Identify the principal risks involved in each step if any, and explain how they will be managed. *Risks may include major delays and failures, expected cooperation not materializing, etc.*

The project implementation
- Conduct the survey to help participants specify their "the intention to a long-term strategy of capacity building in proliferation of e-Authentication".

- Invite lecturers to lead the discussion, help point out the key issues, and effectively transfer trainer skills.

- Design "Trainer's Manual", based on the experience of organizing "APEC TEL PKI/e-Authentication", the profession in related areas and other reference model. "Trainer's Manual" will contain：
  1. Teaching Objectives
  2. Brief Outline
  3. Note to the Instructor
  4. Web Site Resources
  5. Case Study
  6. Lecture Supplement

7. Additional Readings
8. Hands-on Projects
9. Answers to Exercises

The participants at "Train the Trainer Workshop on e-Authentication" will be able to develop the lecturer materials and training courses for his/her economy based on the guideline of the trainer's manual.

- Initiate the workshop to help explore, review and identify the most practical approach for the proliferation of e-authentication in participant's economy.

- Outline of the workshop

The workshop contents need to be discussed further, the draft plan is to include the main themes as follows：

1.Globalizing the Experience of "APEC TEL PKI/e-Authentication Training Program"

  -- sharing current model deployment, other models initiated by participants

2.Strategic Discussion on Capacity Building in e-Authentication

  -- making commitments and contributions to APEC

  -- providing suggestions for the future

3.Training Skills on e-Authentication

  -- introducing "Trainer's Manual" and training tool

- Review and improve the project periodically. A satisfaction and feedback survey will be assessed by participants for evaluation appraisal of the workshop.

- Schedules
  - Sep. 2009 -- Discussion and approval at APEC TEL 40 or approval intersessionally before TEL 41
  - Apr. 2010 – Confirm if approval by BMC
  - Apr. 2010 – Confirm the venue and date for workshop, and hotel for participants
  - Q2 2010 – Start to design "Trainer's Manual"
  - Q2 2010 – Conduct the survey, publicize the agenda, enlist attendees, invite lecturers
  - Q3 2010 – Complete "Trainer's Manual"
  - Q4 2010 -- Inaugural workshop
  - Q1 2011 – Report to TEL
  - Q2 2011 -- Conclude the project results and suggest the next-step

Success-enabling factors to avoid risks
In incorporating risk management on possible delays, failures, missing expected cooperation and etc.

This project has provided the following procedures and measures in every stage of project development as follows:

- In planning stage, realistic and practicable actions and timeframe have to be resolved among organizing team.

- In information gathering, workshop design, the project cosponsoring institutions and economies with train the trainer capabilities will work together to find the best model to deploy in the future.

- In development stage, resources allocation will be managed and coordinated by and based on teamwork among cosponsoring institutions.

11) Which APEC member economies will participate in each component of this project and what contribution are they expected to make?

Co-sponsoring economies will participant in planning stage, realistic and practicable actions and timeframe, in development stage, resources allocation will be managed and coordinated based

on teamwork among cosponsoring institutions. Economies with train the trainer capabilities are welcome to work together to find the best model to deploy in the future.

The participants from 11 travel-eligible member economies who show the urgent demand of trainer skills in e-authentication will be encouraged to attend the workshop.

Dissemination of Project Output

12) Please include a plan for the publication and dissemination of the results of the project, including:

a. the nature of the target audience;

Target attendees will be selected from 11 travel-eligible member economies which show the urgent demand of trainer skills in e-authentication.

Each applicant needs to complete a survey form which is to confirm "the intention to a long-term strategy of capacity building in proliferation of e-authentication" and a satisfaction and feedback survey assessed by participants will be included in the project report, which is valuable to APEC.

Program booklets and lecture materials will be printed for the participants.

b. the form and content;

The output will be posted in the APEC TEL website and program web site.

c. format (e.g. hard copies, floppy discs, internet uploading);

In addition to (b), the final result will be downloadable and hard copies will also be available. And electronic dissemination through the internet, such as mail, web page, etc, will be made available.

d. number of copies for the publication;

30 copied of program booklets and lecture materials will be printed for the participants and lecturers. Other publication will be electronic.

e. a publicity plan for:

i) briefing the general or specialist media about key components of the project;

For the media, the information published at websites will be 24 hours and 365 days available worldwide.

ii) the promotion of sales or other dissemination of the final product; and

No plan of the promotion of sales or other dissemination of the final product. But active participants' contributions will be expected.

f. a budget for publication and dissemination, to form part of the itemized budget.

The publication and dissemination of the internet websites will be self-funded.

Gender Concerns

13) Many projects have the potential to affect men and women differently because of their different roles and positions in many societies. What steps does this project take to ensure that it benefits both groups and in particular does not disadvantage women? *(Common responses include: using gender analysis to design project methodologies and inputs (e.g. surveys); including women in the planning, management, allocation of resources and implementation of a*

project; taking steps to ensure equitable participation by men and women; making special efforts to disseminate project results to women; and using sex-disaggregated data for project assessment.)

This project is an initiative, and could improve gender neutrality.

Both men and women are involved in this project.

However we will make sure that not only the participating economies encourage their qualified women to take part in every stage of this project: planning, analysis, design, implementation and evaluation, but also the project will contribute impact to the women's career development in related field.

14) Show how the objectives of the project provide benefits for women. APEC Ministers have indicated (*Framework for the Integration of Women in APEC*) that benefits might include: increasing the involvement of women in the economy and economic institutions; integrating women into the global economy; strengthening small and medium sized enterprises; and reducing gender inequalities, including through education and training.

This project consists of member economies in APEC especially from developing economies. In our plan for the intake, in general planning, management and implementation of the project, allocation of resources, the participating economies, and cosponsoring institutions will be asked to provide equal chance to women based on qualifications.

Budget

15) Please attach an itemized budget for the project in the format at **Annex A**. Where appropriate, provide details of the project's budget that are allocated to activities that address the specific needs of women. The budget should illustrate the assumptions adopted (e.g. unit costs) for the computations. *Remember to include all self-funding and to consult the list of eligible expenses in the Guidebook to APEC Projects. Advice on budget formulation, including acceptable unit costs, can be sought from the APEC Secretariat.*

The project is sought fund from APEC in order to help participants travel from developing economies. The rest of fund will be supported by Chinese Taipei.

The budget of this project consist of two main parts
   1. Funding from APEC and Chinese Taipei.
   2. In-kind support from participating parties, including local facilities and manpower. The budget will be used for the workshop, travel expenses and per diem for the participants.

16) A timetable for the drawdown of APEC funding requested for the project, including details of any advance payment or instalment payment requested and justifications for such requests.

Payment shall be made on a reimbursable basis.

17) Details of any request for waiver or exception from the normal APEC financial rules with justifications. (*Examples are from tendering requirements; for advance payment; for government officials to receive funding; for active participants from travel-eligible economies to receive per diems*)

Seek waiver to fund government officials from travel eligible economies and for advance payment for participants, if necessary, in order to ensure their attendance.

18) **NOT required for projects for consideration at BMC II (July/August meeting) or for ASF projects but required for all others.** Give reasons for the urgency of the project. (*These projects should relate to previous APEC Ministers' or Leaders' Declarations or current host economy's priorities. Reasons may include the project output as contributing to one of the major deliverables for the year)*
N/A

APEC Project

Itemized Budget for Financial Year 2010[*]

(Please tick ✓.)

This project is:
- ☑ a seminar, symposium or short-term training course
- ☐ a survey or analysis and research project
- ☐ neither the above but involves the provision of equipment

Items	No. of Units		Unit Rate	APEC Funding (USD)	Self Financing (USD)
Direct Labour					
Speaker's Honorarium (*government officials ineligible)*	(no. of speakers) local lecturers	8	600	-	4800
- Translator's Fees	(no. of pages)			-	-
- Short-term clerical and secretarial staff remuneration	(no. of hours)	50	15	-	750
- Consultant (including Researcher) Fees	(no. of hours) 2 local consultants	16	200	-	3200
- Consultant's Secretary Cost	(no. of hours)	16	50	-	800
- Researcher Cost	(man/months) (2 researchers, 3 months)	6	3600	-	21600
- Assistant Researcher Cost	(man/months)	6	1000	-	6000
Travel (Speakers/Experts/ Researchers)					
- Per Diem (incl. accommodation and "additional payment")	(no. of persons and days)				
- Airfare	(no. of persons and trips)			-	-

If project will continue for more than one year, please indicate the amount of funds required for each of the two financial years in question.

Total number of Participants:
22 (mainly 11 travel-eligible economies)

Items	No. of Units		Unit Rate	APEC Funding (USD)	Self Financing (USD)
Travel (Active participants/ participants/trainees) (only from travel-eligible economies)					
- Per Diem (incl. accommodation and "additional payment") (*active participants*)	(no. of persons and days) (22 persons x 3 days)	66	100	6600	
- Airfare (*restricted economy class*)	(no. of persons and trips)	22	1350	29700	
Other items					
Local Transportation				-	1400
Publication of report (including distribution)	(no. of copies)	30	20		600
Photocopying	(no. of copies)			-	500
Communications (Phone/ Fax/ Mail/Courier)			170	-	170
Equipment/ Materials (*describe briefly what is required and why*)	(no. and type of equipment) (no. of days for rental) 1 Projector, Broadband connection for 2 days each		1000		1000
training tool				-	*10000*
*Hosting (*pl. briefly describe, e.g., conference room rental, stationery)	(units as appropriate) (no. of days for rental)				
	conference room rental	2	1500	1400	1600
	stationery		1500		1500
	equipment		500		500
Total				**37700**	**46520**
Percentage total cost				**45%**	**55%**

Project Proposal:

Train the Trainer Workshop on e-Authentication

Proposed by: Chinese Taipei

Cosponsored by: Peru, Thailand, Viet Nam

Presented by Anita Kuo
PKI Promotion Program Office,
Chinese Taipei
Sep. 26, 2009

1

Agenda

- ☐ **Background**
- ☐ **Brief Content**
- ☐ **Objectives**
- ☐ **Methodology**
- ☐ **Assessment**
- ☐ **Differentiation**
- ☐ **Why APEC Fund**

2

Background

- Since 2006, 4 International PKI/e-Authentication Training Programs, 84 attendees
- PKI/e-Authentication Advancement Survey
  - There exist the barriers of PKI promotion, and the promotion is not quite easy, even though PKI is recognized as a mature technology.

      1) Application procedures are too complicated.
      2) The cost of PKI implementation is too high.
      3) The PKI market is still immature.
      4) Civilian and enterprises still lack PKI knowledge.
      5) Technical support issues are concerned.
      6) Cultural acceptance of personal PKI and privacy concerns.
      7) The PKI Promotion by the government is not enough.

3

Brief Content

- Project scope
  - Initiate a workshop – "Train the Trainer Workshop on e-Authentication"
  - Globalize the experience of "APEC TEL PKI/e-Authentication Training Program"
- Project type
  - Seeking APEC funding
    - Seeking waiver to fund government officials from travel eligible economies
- Project duration
  - May, 2010 - July, 2011

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Objectives

- ☐ To deploy the workshop model to economies with high demand for trainer skills in e-authentication.
- ☐ To organize resources among sponsoring economies in local, regional and APEC Level and develop collaborative website for sharing and exchanging practices, knowledge and skills.
- ☐ To intentionally promote "Train the Trainer" approach within APEC and build up experience sharing networking among APEC member economies.

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Methodology

- ☐ Conduct the survey to help participants specify their "the intention to a long-term strategy of capacity building in proliferation of e-authentication".
- ☐ Invite lecturers to lead the discussion, help point out the key issues, and effectively transfer trainer skills.
- ☐ Design "Trainer's Manual", based on the experience of organizing "APEC TEL PKI/e-Authentication Training Program", the profession in related areas and other reference model.
- ☐ Initiate the workshop to help explore, review and identify the most practical approach for the proliferation of e-authentication in participant's economy.
- ☐ Review and improve the project periodically. A satisfaction and feedback survey will be assessed by participants for evaluation appraisal of the workshop.

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Assessment

- Survey on demand for trainer skills in e-authentication resulted from the workshop under this initiative among the participating economies.
- Satisfaction survey assessed by participants attending the workshop.
- Context of recommendations and reviews at the workshop towards an improvement of the future activities to best serve APEC member economies in e-authentication capacity building.
- Commitments to a long-term strategy of capacity building, and the ongoing support to secured ICT.

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Differentiation(1)

- "APEC TEL PKI/e-Authentication Training Program" vs. "Train the Trainer Workshop on e-Authentication

Project	Training Program	Workshop
Duration	2006 - 2012, Annual training program	May,2010 - July,2011, One initiative workshop & long-run commitments of participants
Type	100% Self-fund by Chinese Taipei (USD 600,000)	45% APEC fund (USD 37,700) 55% Self-fund by Chinese Taipei (USD 46,520)
Attendees	Trainees who need to know more about PKI/e-Authentication	To be trainers who would like to deploy the experience of the e-Authentication training program

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Differentiation(2)

Project	Training Program	Workshop
Lecture Materials	Presentations of the preliminary courses	Trainer's Manual (still need to develop)
Training Tool	N/A	Provided (still need to develop)
Output	●Advancement Survey ●Project Report	●Intention Survey ●Satisfaction Survey ●Trainer's Manual ●Project Report including active participants' contributions

Differentiation(3)

Project	Training Program	Workshop
Benefit	Proliferation of PKI/e-Authentication thru one annual program during 2006-2012	Globalization experience in "APEC TEL PKI/e-Authentication training program" thru trainers with strategic commitments to capacity building in his/her economy, enabling continuous proliferation of e-Authentication in different aspects/models in different economies in the long-run

Why APEC Fund

- ☐ APEC should help globalize experience of "APEC TEL PKI/e-Authentication Training Program" which has been
  - ■ initiated by Chinese Taipei
  - ■ supported by APEC TEL
- ☐ Encourage models to drive proliferation at scale by APEC
  - ■ Enable long-run, continuous and effective strategic commitments to proliferation, deployment APEC wide, by all interested economies,
    especially developing economies within APEC region,
    in need of APEC fund.

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Comment?

Thank you!

Anita Kuo

PKI Promotion Program Office,

Chinese Taipei
TEL:+886-2-23925090 ext. 101
EMAIL: anitakuo@itri.org.tw

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