
Purpose: Information
Submitted by: Korea
APEC PROJECT FORMAT

Progress Report on APEC Projects
(as of January 27, 2012)

[ √ ] Operational Account  [ ] TILF Special Account  [ ] APEC Support Fund  [ √ ] Self-Fund

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Project number: HRD 01/2005
Date received by Secretariat: [ ]

Name of Committee/Working Group: HRDWG

Title of Project: APEC Future Education Consortium: Focusing on APEC Network of ICT Model Schools for Future Education

Proposing APEC Economy: Korea

Co-sponsoring APEC Economy(ies): Brunei, Canada, Chile, China, Hong Kong China, Indonesia, Japan, Malaysia, Mexico, Philippines, Singapore, Chinese Taipei, Thailand and Viet Nam

Project Overseer: Name, Title and Organization
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Financial Information
Total cost of proposal (US$): 160,300 in 2004
Amount being sought from APEC Central Fund (US$): 40,300 in 2005

Type of Project: ☑ seminar/symposium  ☑ short-term training course  ☑ survey or analysis and research  ☑ database/website  ☐ others (Please specify)

Project start date: August 2004  Project end date: ongoing

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

Purposes:
☐ To create an on/offline ICT Model School Network in the APEC region allowing schools in different member economies to share best practices and know-how on ICT utilization in education, thereby helping to narrow both the digital and cultural divides
☐ To furnish opportunities for the exchange of information and knowledge among education administrators, scholars, researchers, experts, and educators, towards seeking an ideal model of future education, and to promote the use of ICT in education through the sharing of teaching materials and methods among school teachers and students in the APEC region
☐ To disseminate information on best practices for ICT, policy implementation, and research results through on/offline journals, annual reports, other media formats, and the annual forum

Principal Activities include:
☐ Operating APEC ICT Model School Network (ICT MSN): Working through school communities within participating APEC member economies to develop a school network that encourages ICT use in education
  ☐ Boosting use of ICT in education via school-based cooperative activities: Sharing innovative teaching methods that utilize ICT and fostering model schools employing best ICT practices. To this end, schools in member economies engage in exchange and...
on/offline cooperative activities, including ALCoB online communities, on/offline joint classes, cooperative projects, English web pages, online contests, AEEP (ALCoB Edutainment Exchange Program)-related online projects and activities, and other associated forms of exchange, including reciprocal school visits.

- Facilitating on/offline exchange activities between involved schools, with the participation of school administrators, entrepreneurs connected with school operations: Organizing exchange programs to promote effective implementation of ICT in schools through IT utilization; sharing best practices of teaching methods from leading future-oriented schools.

- Supporting efficient online communication networking: Maintaining the APEC Model School Network web portal (http://alcob.com/new3/) to support networking between ICT Model Schools and other schools in the APEC region, transcending regional barriers.

- Narrowing the cultural divide between APEC member economies: Enhancing mutual understanding through the operation of cultural exchange programs.

- Hosting the APEC Future Education Forum (7th) & APEC Future Education Consortium Steering Committee Meeting (11th)

  With the aim of sharing successful practices and examples for future education and practical teaching & learning models, the APEC Future Education Forum is attended by prominent scholars, experts, education administrators, teachers, and university students. Participants discuss directions for future education and seek out concrete models with the guidance of the Steering Committee Meeting, attended by Ministry of Education officials from 12 APEC member economies.

  - 7th APEC Future Education Forum: Nov. 14-16, 2011, Bali, Indonesia
    (12 economies, 3 int'l organizations, 246 persons)
  
  - 11th Steering Committee Meeting: Nov. 15, 2011, Bali, Indonesia
    (2 int'l organizations & 11 economies, 26 persons)
  
  - Opportunities created for greater youth participation in APEC and sharing the values of future education: APEC Youth Forum (5th), attended by 16 university students (ALCoB-U Korea, Russia, Viet Nam, Indonesia)
  
  - Lectures and presentations delivered on the theme of ‘Systemic Change and Shared Prosperity in APEC by Utilizing ICT’.

- Publishing the APEC Future Education Report: This report is intended to share academic outcomes presented by researchers at the APEC Future Education Forum and contains papers on international cooperative education, geared towards future education. The APEC Future Education Report is published through the Asia-Pacific Collaborative education Journal (APCJ), available in both online digital format and offline print.
Progress Report on APEC Projects

Current status of project
With ongoing support from participating member economies, we at the APEC Future Education Consortium have implemented the project favorably. In accordance with the recommendations of the Steering Committee, we are operating the Consortium and related activities alongside existing international cooperative projects, such as the APEC Learning Community for Shared Prosperity (ALCom) and APEC e-Learning Training Program, on a continuous basis.

On schedule (Yes) Within budget (Yes)

Objectives
The Consortium aims to meet the challenges of an IT-based future society grounded in know-how and experience on narrowing the digital divide, and to set up an ideal model of future education by implementing e-Learning as a way of human capacity building. For these objectives, we are implementing the following projects: APEC ICT Model School Network, APEC Future Education Forum, and the APEC Future Education Report consolidated with the publication of Asia-Pacific Collaborative education Journal (APCJ).

Based on autonomous and positive support from participating member economies, we endeavour to put into action theoretical concepts that emerge from the APEC Future Education Forum, apply them to the field of international cooperation in education (e.g., the APEC ICT Model School Network) to crystallize a vision of future education in the APEC region, and share the outcomes through the publication of APEC Future Education Report (consolidated with APCJ).

Linkages, Methodology, Budget

1. Linkages
The beneficiaries of the projects and activities are as follows:
- Domestic ministries/departments of education are able to share information and views on educational policy and exemplary cases of the use of ICT in schools for adoption in their own ICT policies.
- Educational institutions and research centers are able to exchange knowledge and information to seek out ideal models of future education through Research Committee activities. Henceforth, it can be expected to produce outcomes through the APEC Future Education Forum and the APEC Future Education Report.
- Students and teachers are able to have a chance to advance extensive international cooperation in education through the APEC ICT Model School Network.
- In each member economy, the Business Sector joins in relevant projects and supports their operation (e.g., ALCoB-EC: APEC Learning Community Builders-Entrepreneur Committee).

The accomplishments of the Consortium attract the participation of local communities, such as parents of participating students and volunteers, and contribute to enhancing the understanding of international cooperation in education and expanding relevant activities.

2. Methodology
According to the consensus of the Steering Committee Meeting, we promote relevant activities for strengthening international cooperation as a "Total Support System for Human Capacity Building," reflecting the APEC vision of “Shared Prosperity through Human Capacity Building.”

At present, the Consortium concentrates on fostering autonomous participation and expanding the number of participants in local communities, for instance, parents and others with an interest in international cooperation in education.

3. Budget
We have implemented the projects under the budgeting plan and strived to organize the entire project economically and effectively. In 2011, Korea’s Ministry of Education, Science and Technology (MEST) provided financial support for projects of the Consortium.
Gender Considerations
A balance in the ratio of female and male participation in this project has been successfully achieved without any constraint regarding gender issues. In addition, through the activities of the APEC ICT Model School Network, this project is expected to contribute to fostering future leaders, encompassing students of both genders in the APEC region.

Progress since last report:
Built upon the foundation of the accomplishments of the Consortium for APEC Cyber Education Cooperation (ACEC) Tasks I & II since 2004, three sub-projects have been initiated and successfully implemented by the APEC Future Education Consortium for 7 consecutive years: APEC ICT Model School Network, APEC Future Education Forum, and APEC Future Education Report.

- The APEC ICT Model School Network has continued its task of developing ideal future school models through cross-economy collaborative projects.
- The APEC Future Education Forum convened in Bali, Indonesia, under the theme of ‘Systemic Change and Shared Prosperity in APEC by Utilizing ICT’

Further details on each sub-project appear below.

APEC ICT Model School Network
APEC ICT Model School Network is a school-based project for international cooperation in education. It aims to identify and realize an ideal future school model in the APEC region while fostering mutual understanding of the circumstances of various member economies’ education systems, cultures, and histories. With regard to strengthening sister school relationships, it is expected that participating member economies and member schools will sustain continuing involvement in this project. This network also forms the home base for the joint efforts, both online and offline, of the ALCoB Cooperative Project seeking to utilize ICT in education.

The major outcomes of APEC ICT Model School Network are described below.

First, enhancement of international cooperation for future education through exchange activities:
- APEC ICT Model School Network participation: Selection of new ALCoB schools took place, as 8 new ALCoB schools were established in 2011, 6 in Korea and 2 in Malaysia. (*Total 16 ALCoB schools in Korea and 46 in other APEC economies.)
- Implementation of collaborative online and offline projects between sister schools: Participation in international collaborative activities takes place cooperatively through various projects, such as reciprocal visits and joint classes between sister schools of Network members (see Appendix 1).
- Support for cooperative education activities for voluntary student groups: Students are engaged in cross-economy communication and learning through maintenance of English web pages to stimulate autonomous exchange activities between students, use of ICT software, online contests, on/offline joint classes, and so forth.

Second, promotion of ICT use in education through mutual sharing and assistance:
- Exchange of innovative teaching materials utilizing ICT: Educational content and on/offline teaching materials are shared between schools, teachers, and students in the APEC member economies (see Appendix 2).
- Implementation of ICT Simulation Classes: Teacher exchange takes place between Network
Third, opportunities for language education based on autonomous participation:

- Resulting training programs for language education organized by teachers, students, and parents: Designing school-based training models for English education using ICT software

- Implementation of diverse language activities: Some of the activities supported include English speech contests, English camps, drama contests, and English Zones set up in schools.

Fourth, linkage between the APEC ICT Model School Network and Edutainment Park through AEEP (ALCoB Edutainment Exchange Program), towards the development of ideal model schools for future education:

- Support for the actualization of Edutainment Park: Sharing experiences of culture, arts, history, and social interaction between sister schools in the APEC region enables the development of an ideal environment and conditions in harmony with human values and technologies, based on mutual understanding.

- Design of exchange programs: Programs integrating experiential learning with new technology have been developed, targeting students and teachers in APEC Model School Network members, as ALCoB schools.

- Narrowing the digital and cultural divides: Greater understanding in the APEC region is facilitated through AEEP.

- Offering English language education opportunities: Students participating in this program develop practical English language skills through the implementation of various cultural and educational cooperative activities involving multi-economy teams (see Appendices 1 and 2).

Based on such activities, the quantitative and qualitative growth of the Network has been facilitated through operation of the ICT Model School Network and the organization of diverse programs for future education, such as cultural exchange, experiential learning, and sister school activities among ICT Model School Network members.

APEC Future Education Forum

The APEC Future Education Forum, supported by a Steering Committee consisting of education administrators, professors, researchers, and students, aims at crystallizing the vision of future education, materializing the ideal model of future schools from a wide spectrum of viewpoints on future society and education and sharing the best practices of ALCoB activities and promoting the participation of youths in the APEC region.

Upon the groundwork laid by the achievements of the 1st through 6th Forums, the 7th Forum was convened in November in Bali, Indonesia, with around 246 participants in attendance, among them government education officials, professors, researchers, education specialists, and ALCoB members including teachers and university students from 12 economies (Indonesia, Brunei Darussalam, People’s Republic of china, Malaysia, Mexico, Peru, The Philippines, Russia, Chinese Taipei, Thailand, Viet Nam, and The United States) and 3 int’l organizations. Particularly, the 7th APEC Future Education Forum has a deeper meaning to be held in Indonesia which has 31 local
ALCoB Chapters. Indonesia Ministry of Education and Culture co-hosted the forum by greatly supporting human, financial, and physical resources.

The 7th APEC Future Education Forum reviewed the progress of previous activities implemented by the APEC Future Education Consortium (see Appendix 3), and took as its theme ‘Systemic Change and Shared Prosperity in APEC by Utilizing ICT’, reviewing the previous APEC Education Ministerial Meeting (AEMM) in 2008. The forum also served as an impetus to look back on the ALCoB activities of the last 10 years and discuss possibilities for new future activities.

Exemplary practices for future education were shared by each economy, and new visions for education utilizing ICT were presented, furnishing an opportunity for participants to explore and establish theoretical and practical strategies and methodologies for their own APEC projects and to develop further plans for future education and systemic reform.

### The 7th APEC Future Education Forum

- **Period:** Nov. 14-16, 2011 (Mon.-Wed.) – 3 days
- **Venue:** Inna Grand Bali Beach Hotel, Bali, Indonesia
- **Participants:** 246 people from 12 economies and 3 int’l organizations
- **Theme:** Systemic Change and Shared Prosperity in APEC by Utilizing ICT
- **Program Overview**
  - Progress Report on APEC Learning Community and APEC Future Education Consortium
  - General Discussion Forum and Round Table
    - 21 presenters from 12 economies and 3 int’l organizations
    - Sharing the best practices of global cooperation
    - Fostering further cooperation through ALCoB in more economies
  - APEC Future Education Consortium Steering Committee Meeting
    - Progress Report of 2011 activities from ALCoB branches in 6 economies
    - Discussion among economies on current ALCoB structures and construction of the ALCoB federation as a international human network
    - Promotion and Guidance involving the 5th APEC Education Ministerial Meeting (AEMM)
    - Discussion of ways to link APEC HRDWG and ALCoB, in support of APEC HRDWG
  - 5th ALCoB-U Youth Forum (Korea, Russia, Indonesia & Viet Nam)
    - Annual presentation session to report ALCoB-U activities in each economy
    - Cultural exchange activities
    - Discussion on “Role of University Students for the APEC Shared Prosperity and Future Education.”

Government representatives, scholars from APEC member economies and special guests from international organizations such as ADB, OECD, and APEC presented and discussed visions for international educational cooperation and future education in the APEC region, followed by a round table discussion with teachers, university students and entrepreneurs on practical strategies for future education and international educational cooperation in the APEC region. To encourage the expansion of domestic cooperation efforts into global cooperation, reassurance was given concerning ALCoB’s further systemization and organization in diverse forms such as institutes, organizations, or federations. Discussion outcomes included sharing best practices for global cooperation among 12 APEC economies and 3 international organizations, building 31 ALCoB local branches in Indonesia, and furthering cooperation in more economies through ALCoB. In particular, ALCoB’s potential as a world-wide human network for international educational cooperation in APEC was highlighted, provided it can be fully aligned with the vision of the 5th APEC Educational Ministerial Meeting and APEC as a whole.

In addition, the 5th ALCoB-U Youth Forum was held concurrently, sharing and spreading models of self-directed activities and fostering cultural exchange. The youth discussed plans for future exchange and cooperation, focusing on the role of university students in APEC shared prosperity and future education.
**APEC Future Education Report**  
*consolidated with APCJ (Asia-Pacific Collaborative education Journal)*

The APEC Future Education Report forms a kind of blueprint of the philosophy, vision, and practical strategies for APEC future education, and is compiled by gathering diverse viewpoints and strategies for future education. It serves as a means of sharing outcomes from the APEC Future Education Consortium and ICT Model School Network among member economies.

As in the previous year, this year’s Report will be consolidated with APCJ (Asia-Pacific Collaborative education Journal). Outstanding presentations from the forum will be published in 2012 in conjunction with APCJ, available in both digital online format and in print.

**Future Steps**

The APEC ICT Model School project, a sector of ALCoB, will take part in creating future education models that can be shared among APEC member economies. In 2012, efforts to recruit ALCoB members from each economy will take place on the most massive scale yet, compared to any past year. This means more schools will be invited to be in the APEC ICT Model School project, and activities for sharing diverse vision, philosophy and strategies will be expanded among APEC economies and international organizations.

In May 2012, the 8th APEC Future Education Forum will be held in historic Gyeongju, Korea, in connection with the 5th APEC Education Ministerial Meeting, supplementing it through in-depth discussions among participants including eminent scholars. In conjunction with AEMM, this year’s forum will be an opportunity to promote APEC international educational cooperation. Outstanding research results and best practices presented at the APEC Future Education Forum will be published as the APEC Future Education Forum Report, for sharing among member economies.

**Schedule**

- **January-December, 2012**  
  Recruiting new ICT Model Schools (on/offline)

- **April-December, 2012**  
  Linking ICT MSN activities to the ALCoB community through efforts like AIV, ALCoB International Conference, ALCoB Cooperative Projects, ALCoB Edutainment Exchange Program (AEEP), in order to reach K-12 students, teachers and university students in member economies

- **May 21-23, 2012**  
  Convening 8th APEC Future Education Forum (Gyeongju,Korea)  
  Publishing the 8th APEC Future Education Forum Report  
  *9th APEC Future Education Forum is scheduled in 2013 in the Philippines (TBD)*
## Appendix 1: International exchange activities between ICT model schools

<table>
<thead>
<tr>
<th>No.</th>
<th>Economies</th>
<th>Major activities</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Malaysia, Korea</td>
<td>- Introduction of traditional culture through traditional music and activities&lt;br&gt;- Building students’ ability to understand international cultural exchange</td>
</tr>
<tr>
<td>2</td>
<td>Russia, Korea</td>
<td>- Robotics Workshop operation&lt;br&gt;- Mutual educational exchange of Java Programming and Robot Programming</td>
</tr>
<tr>
<td>3</td>
<td>Thailand, Korea</td>
<td>- School visit featuring traditional culture and experience&lt;br&gt;- ICT class&lt;br&gt;- Email exchange among students</td>
</tr>
<tr>
<td>4</td>
<td>Indonesia, Korea</td>
<td>- Introduction of traditional culture &amp; exchange experience&lt;br&gt;- Homestay experience&lt;br&gt;- Building a global mindset</td>
</tr>
<tr>
<td>5</td>
<td>France, Korea</td>
<td>- Recognizing environmental problems as world-wide issues through ICT class, and implementing solutions</td>
</tr>
<tr>
<td>6</td>
<td>Japan, Korea</td>
<td>- Creating UCC about living culture and implementing exchange classes</td>
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<tr>
<td>7</td>
<td>Philippines, Korea</td>
<td>- Improving English skills while making foreign friends&lt;br&gt;- Understanding multiple cultures through culture exchange</td>
</tr>
<tr>
<td>8</td>
<td>Indonesia, Korea</td>
<td>- Culture exchange through online blog and exchanging traditional souvenirs&lt;br&gt;- Improving English skills</td>
</tr>
<tr>
<td>9</td>
<td>Philippines, Indonesia, Thailand, Russia, Korea</td>
<td>- Improving ability to understand language through making of English-Korean-Filipino-Indonesian-Thai-Russian dictionary and phrase-book&lt;br&gt;- Understanding each economy’s culture &amp; fostering global etiquette&lt;br&gt;- Exchange of next-generation ICT utilization using SNS&lt;br&gt;- Online contest&lt;br&gt;- Visit between Philippines and Korea</td>
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<tr>
<td>10</td>
<td>Malaysia, Singapore, Korea</td>
<td>- Publication of textbook for understanding multiple cultures</td>
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### Appendix 2  Principal activities of APEC ICT Model School Network (MSN)

<table>
<thead>
<tr>
<th>Themes</th>
<th>Activities</th>
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<tbody>
<tr>
<td>Promoting ICT use in education</td>
<td>- Exchanging innovative ICT teaching materials</td>
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<td>- Holding an exhibition on ICT use in education</td>
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<td></td>
<td>- Conducting ICT Simulation Classes</td>
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<td></td>
<td>- Complementing ICT facilities in schools</td>
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<tr>
<td>Enhancing international exchange</td>
<td>- Forming sister schools among APEC ICT model school members</td>
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<tr>
<td></td>
<td>- Implementing on/offline exchange activities between sister schools</td>
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<td></td>
<td>(e.g. reciprocal visits, e-mail, messaging, etc)</td>
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<td></td>
<td>- Opening volunteering student groups for education activities with ALCOb</td>
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<td></td>
<td>- Implementing ALCob Cooperative Projects with member schools</td>
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<tr>
<td>Fostering language education</td>
<td>- Daily English conversation training initiated by schools with participation of students, teachers, and parents</td>
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<td></td>
<td>- Offering various opportunities such as English camps, English web pages, speech contests, and English language zones</td>
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<tr>
<td>Encouraging cultural exchange activities</td>
<td>- Experiencing traditional performances in the context of cultural exchange</td>
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<tr>
<td>toward Edutainment Park</td>
<td>- Visiting cultural heritage sites for greater mutual understanding of one another's cultural and domestic backgrounds</td>
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### Appendix 3  Program overview of the 7th APEC Future Education Forum

<table>
<thead>
<tr>
<th>Session</th>
<th>Programs</th>
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<tbody>
<tr>
<td>Opening Session</td>
<td>• Opening Speech, Welcome &amp; Congratulatory Remarks</td>
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<tr>
<td>Plenary Sessions</td>
<td><strong>Part I:</strong> General Discussion of Vision for International Educational Cooperation and Future Education in APEC</td>
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<td></td>
<td><strong>Part II:</strong> Round-Table Discussion on Practical Strategies for Future Education and International Educational Cooperation in APEC</td>
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<tr>
<td>Additional Programs</td>
<td>• The APEC Future Education Consortium Steering Committee Meeting</td>
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[Appendix 9] Pictures of the 7th APEC Future Education Forum

Steering Committee Meeting

Part I General discussion

Part II Round-table discussion

Participants of the 7th AFEF
APEC Future Education Forum & Consortium

Share successful practices and examples for future education and practical teaching & learning models

Prominent scholars, experts, education administrators, teachers, and university students’ participation

Discuss directions for future education & Concrete models with the guidance of the Steering Committee Meeting
EDNET Progress Report
APEC Future Education Consortium

The 7th APEC Future Education Forum
14th November, 2011
Indonesia, Bali
12 Economies, 3 Int’l Org, 246 Persons

The 11th APEC Future Education Steering Committee
15th November 2011
Indonesia, Bali
11 Economies, 2 Int’l Org, 26 Persons
APEC ICT MODEL SCHOOL NETWORK
Develop a school network that encourages applying ICT in education
(School communities level in APEC Region)

Enhancement of International Cooperation for Future Education through Exchange Activities

New 8 ICT Model School Networks
[ Korea 6, Malaysia 2 ]

- Implement on & off line cooperative education activities
- ICT Utilizing teaching materials, classes, facilities
- Linkage with Language, Edutainment Park, AEEP
EDNET Progress Report

APEC Future Education Consortium

Share outcomes from the APEC Education Consortium & ICT Model School Network

APEC Future Education Report

Outstanding presentations from the forum

Digital Online Format + Offline Print Format

34th APEC HRDWG EDNET Meeting

EDNET Progress Report

Future Steps for 2012

Jan.-Dec.  
Recruiting New ICT Model Schools (On/Offline)

Apr.-Dec.  
Linking ICT MSN with other project activities (ALCoB Cooperative Projects, AEEP, ALCoB International Conference)

May 21-23  
8th AEF with 5th AEMM

8th APEC Future Education Forum
8th APEC Future Education Report Publishing

34th APEC HRDWG EDNET Meeting