

出國報告（出國類別：國際會議）

參加「第 3 屆 APEC 教育部長會議會前研討會」
暨「第 34 次 APEC 人力資源發展工作小組會議」

出國報告

服務機關：教育部國際文教處

姓名職稱：林文通處長

翁勤瑛科長

魯維廉主事

派赴國家：俄羅斯莫斯科

報告日期：101 年 4 月 10 日

出國期間：101 年 2 月 3 日 至 2 月 12 日

摘 要

- 一、 2012 年 APEC(Asia-Pacific Economic Cooperation)資深官員第一次會議(SOM 1: the First Senior Officials' Meeting and Related Meetings)於今年假俄羅斯莫斯科之 WTC 世界貿易中心召開，會期自 2012 年 1 月 30 日至 2 月 19 日，會議主題包含甚廣，21 個會員經濟體均分別有相對應政府部門之資深官員或學者與會。
- 二、 人力資源發展工作小組(HRDWG)轄下尚有教育分組(EDNET: Education Network)、勞工就業暨社會保護分組(LSPN: Labor Social Protection Network)及能力建構分組(CBN: Capacity-Building Network)等三個分組，我國參加 HRDWG 大會之成員除教育部國際文教處林文通處長、翁勤瑛科長、魯維廉主事外，尚有國立屏東科技大學古源光校長及經建會、勞委會等官員共 8 員。本部駐俄羅斯文化組陳美芬組長及劉如芳主事亦與會。
- 三、 2 月 5 日舉行之專題研討會之會議主題為「Future Challenges and Educational Responses: Fostering Global, Innovative and Cooperative Education」。我國由國立屏東科技大學古校源光長於下午 1:30~3:00 的時段在中國大陸及菲律賓所共同主持之第一子題「全球化」之「技職教育與訓練及高等教育品質」優先領域(Priority Area)代表我國報告「中華臺北高等暨技職教育現況及挑戰」(Higher Education and Technological/Vocational Education in Taiwan: Current Status and Future Challenges)，主要內容涵蓋教育部在高教及技職體系各種獎勵措施，如投入重大經費實施頂尖研究大學或研究中心、教學卓越大學、典範科技大學等計畫，目前均已顯現成效。唯少子化生源遽減、國際化激烈競爭、產業外移、就業市場國際化、大學發展特色領域等問題是目前我國面臨的挑戰，教育部也已建立相關之因應機制，可作為其他會員經濟體之參考。
- 四、 2 月 6 日上午我國由教育部林文通處長代表在次主題—合作議題上受邀報告「中華臺北的教育國際化發展(The Development of Internationalization of Education in Chinese Taipei)」，並特別凸顯機構合作(如我國其他經濟體簽署教育合作備忘錄、我國大專院校和國外大專院校簽署學術交流協議、舉辦和參與國際研討會等)。
- 五、 2 月 8 日上午於 EDNET 教育發展分組會議中，我國教育部林文通處長報告今年度我國新研究計畫提案「APEC 技職教育與證照資料庫—現況研究及建議(APEC Career and Technical Education (CTE) and Licensing Portal—(1) Study on Current Status & Recommendations)」，並極力爭取包含俄羅斯在內的各會員經濟體支持。

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壹、目的

- 一、APEC 為我國參加之重要國際組織之一，其中人力資源發展工作小組(HRDWG)下設教育發展分組(EDNET)由本部主政。APEC 人力資源發展小組會議(HRDWG)係各會員經濟體藉此分享交流教育成果及探討各項教育相關議題合作的平臺。我國參加本會議除了增加國際曝光度外，更可進一步推展高等教育、資訊教育及技職教育跨國合作的機會。
- 二、教育部國際文教處林文通處長、翁勤瑛科長、魯維廉主事、教育部駐俄羅斯代表處文化組陳美芬組長等人於會議期間與韓國籍 APEC HRDWG 主導成員金榮桓博士(Dr. Young Hwan Kim)、美國教育部官員暨 EDNET 國際協調人 Dr. Adriana de Kanter 及 Mr. Brian Fu、韓國教育部國際協力官(相當於我國國際文教處處長)徐裕美博士(Dr. Youmi Suh)展開雙邊會談，林處長特別籲請 2 會員經濟體的支持，並藉此在 APEC 舞臺上展現我國在 EDNET、LSPN 及 CBN 領域之研究成果與貢獻。

貳、出國行程及議程

2月3日：

晚間 19 時 25 分在桃園國際機場搭乘國泰航空第 CX-401 號班機離臺赴港，再轉搭乘國泰航空第 CX-207 號班機直飛莫斯科，並於 2 月 4 日當地時間清晨 7 時 25 分抵達莫斯科多摩德多沃國際機場國際機場，在機場由教育部派駐俄羅斯代表處文化組陳美芬組長接機，再搭乘 APEC 機場專車至會議所在之 Crowne Plaza Hotel / World Trade Center，並完成註冊報到。

2月5日：

為 APEC 第 3 屆教育部長會議會前研討會(the 3rd Education Pre-Ministerial Research Symposium)，會議主題為「Future Challenges and Educational Responses: Fostering Global, Innovative and Cooperative Education」。開幕儀式由 HRDWG/EDNET 國際協調人美籍 Adriana de Kanter 及地主俄羅斯聯邦教育與科學部副處長 Victor Smirnov 共同主持。我國由國立屏東科技大學古源光校長在中國大陸及菲律賓所共同主持之第 1 子題「全球化」之「技職教育與訓練及高等教育品質」優先領域(Priority Area)，代表我國報告「中華臺北高等暨技職教育現況及挑戰」(Higher Education and Technological/Vocational Education in Taiwan: Current Status and Future Challenges)，主要內容涵蓋教育部在高教及技職體系各種獎勵措施，如投入重大經費實施頂尖研究大學或研究中心、教學卓越大學、典範科技大學等計畫，目前均已顯現成效。惟少子化生源遽減、國際化激烈競爭、產業外移、就業市場國際化、大學發展特色領域等問題是目前我國面臨的挑戰，教育部也已建立相關之因應機制，可作為其他會員經濟體之參考。

2月6日：

為 APEC 第 3 屆教育部長會議會前研討會第 2 天會議及分組討論會。林文通處長則在上午代表我國在第 3 子題「合作」上報告「中華臺北的教育國際化發展(The Development of Internationalization of Education in Chinese Taipei)」，強調透過機構合作以推動國際化，例如：我國與其他經濟體簽署教育合作備忘錄、我國大專院校和國外大專院校簽署學術交流協議，以及舉辦和參與國際研討會等方式以推動高等教育國際化等。中午午餐期間本部代表團與美國代表教育部代表暨 EDNET 教育發展分組國際協調人 Dr. Adriana de Kanter 及 Mr. Brain Fu 進行雙邊會談，以爭取美國對我國今年度新研究計畫提案的支持。古校長於下午參加優先議題

分組討論，組別是「Developing TVET and Improving Quality of Higher Education」，會議中古校長提出教育部技職司所倡導之有關業界師資之聘用合作教學(joint-appointed faculty from industry)、產學攜手計畫(hand-in-hand projects for vocational high schools, universities and industries on TVET)，頗獲分組成員經濟體代表之認同。另本部代表團於下午與韓國釜山大學教授金榮桓博士(Dr. Young Hwan Kim)，渠亦是 HRDWG 之主導成員(Lead Shepherd)，進行雙邊會談，林處長向金博士提出幾個合作構想，包括中文語言教師交換、天然災害防治教育、TVET 及高等教育學術交流等，均獲金博士之認同。傍晚啓程前往參觀俄羅斯人民友誼大學(PFUR: Peoples' Friendship University of Russia)，該校建校剛滿 60 周年，學生 16,000 人左右，教師高達 2,400 人，國際化程度相當高，已有相當多之國際畢業校友。PFUR 並招待 HRDWG/EDNET 小組與會人員晚餐。PFUR 校長及國際長預計於今年 4 月訪問我國，古教授特別邀請該校校長及國際長屆時能到屏科大訪問，並建立學術交流與合作管道。

2 月 7 日：

參加 HRDWG 特別會議：主題對話(Thematic Dialogue)、圓桌論壇(Round Table Session)及 HRDWG 技術會議。地主國與會貴賓有俄羅斯勞工部長及教育部副部長，分別發表歡迎詞。下午與韓國教育部國際協力官(相當於我國教育部國際文教處處長)徐裕美博士(Dr. Youmi Suh)展開雙邊會談，林處長提出多項合作建議，包括 ICT 在教學上之應用、天然災害防治教育(Emergency Preparedness and Education Working Group)工作小組的成立、兩國大學及技職教育合作、召開兩國高教論壇、中文語言教師交流等，韓方亦甚表興趣與支持。

2 月 8 日及 2 月 9 日：

為第 34 次 HRDWG 全體大會暨開幕式以及教育發展分組(EDNET)會議。我國教育部林文通處長報告今年度新研究計畫提案「APEC 技職教育與證照資料庫—現況研究及建議(APEC Career and Technical Education (CTE) and Licensing Portal – (1) Study on Current Status & Recommendations)」。該資料庫可讓學生、行政人員、潛在勞動者及一般大眾獲得有關技職教育標準、生涯規劃以及相關證照、認證資格的資訊。目前已得到智利、墨西哥、泰國、菲律賓、澳洲、越南等 6 個經濟體支持與 APEC HRDWG 核可，將積極執行相關計畫。

2 月 10 日：

為第 34 次 HRDWG 全體大會暨閉幕式。韓國代表報告第 5 屆 APEC 教育部長會議 (AEMM5) 之籌辦情形，AEMM5 訂於今(101)年 5 月 21 日至 23 日假韓國慶州舉行，主題為「未來挑戰與教育因應：促進教育之全球化、革新與教育合作(Future Challenges and Educational Responses: Fostering Global, Innovative, and Cooperative Education)」，3 大子題(Sub-themes)為「全球化」、「革新」及「合作」，4 大優先領域為「數學、科學、語言及文化教育」、「技職教育與訓練及高等教育品質」、「ICT 在教育上的運用」、「改善教師素質」，各經濟體同意相關主、子題之訂定與活動規劃，並承諾將積極配合與參與。各經濟體亦達成共識，未來勞動部長與教育部長會議將交錯進行，並以每 4 年舉行一次為原則，越南表態有意爭取主辦 2014 年第 6 屆勞工部長會議 (The 6th APEC HRDMM)。大會同時宣佈印尼為明 (2013) 年第 35 次 HRDWG 會議主辦經濟體，時間暫訂於 9 月舉行。教育部林文通處長在會中說明我新任教育部長為蔣偉寧部長，並請大會及今年 AEMM5 主辦經濟體韓國更正有關介紹我教育部長的訊息。

2 月 11 日：

晚間 17 時 25 分林處長偕翁科長等一行搭乘國泰航空第 CX-204 號班機離開俄羅斯前往香港轉機，並於 2 月 12 日早晨 8 時 50 分再轉乘國泰航空第 CX-474 號班機離港並於是日早上 10 時 20 分返國。

參、心得與建議

- 一、 APEC(Asia-Pacific Economic Cooperation)資深官員及相關會議(SOM: Senior Officials' Meeting and Related Meetings)主題包含甚廣，設有工作小組及主導成員(Lead Shepherd)，其下尚有工作分組，負責各經濟體優先關心議題之研究與經驗分享，包括: ECSG(Electronic Committee Steering Group), LFIF(Life Science Innovative Forum), ACTWG(Anti-Corruption and Transparency Working Group), CD(Chemical Dialogues), IPEG(Intellectual Property Rights Experts Group), BMG(Business Mobility Group), HRDWG(Human Resources Development Working Group), PPFs(Policy-Partnership on Food Security), HLDAB(High Level Policy Dialogue on Agricultural Biotechnology)等，21 個會員經濟體均分別有相對應政府部門之資深官員或學者與會，相關會議決議或建議尚可作為各會員經濟體政策制訂之參考。
- 二、 人力資源發展工作小組(HRDWG)安排之研討會為 APEC 第 3 屆教育部長會議會前研討會(the 3rd Education Pre-Ministerial Research Symposium)，會議主題是「Future Challenges and Educational Responses: Fostering Global, Innovative, and Cooperative Education」，分成 4 個優先領域(Priority area): (1).數學、科學、文化、語言教育(Mathematics, Science, Language, and Culture Education); (2).發展技職教育及改善高等教育品質(Developing TVET and Improving Quality of Higher Education); (3).ICT 在教學上之應用(ICT in Education); (4).教師品質(Teacher Quality);及一個子題：教育合作(Cooperation)。這些優先領域涵蓋基本邏輯思考、文化美學與溝通能力教育、師資品質與培育、人才培育與產業人力需求、ICT 在教學上之普及應用等重大議題，也是 APEC 各會員經濟體教育與人力培育政策制訂及執行者共同體認的重要議題。過去數十年來，我國政府在高等及技職教育均有明確、可貫徹的教育政策，且亦有顯著成效，尤其技職教育(TVET)更為產業培育人才創造台灣經濟奇蹟，提升國家經濟競爭力(economic competitiveness)，足可以此經驗領先並分享眾多 APEC 會員經濟體。
- 三、 APEC 領袖高峰會議之前均有相關議題之部長會議(Ministerial Meeting)、資深官員會議(Pre-ministerial and Senior Officials' Meeting)、研究研討會(Research Symposium)、主題討論(Thematic Seminar)等，建議各部會應有常設性的工作小組，邀請部會官員、大學學者專家、國際合作及組織資深專家代表等，隨時就 APEC 熱門議題進

行資料蒐集及研究分析，提供研究成果及行動方案供資深官員、部長或國家領導人於各層級 APEC 會議中發言之參考資料。

- 四、 建議參與 APEC 會議之相關部會，針對雙邊會議所做成之建議或決議，提供駐 APEC 總部代表及駐外人員，於會期外(或會前)展開與其他會員經濟體之駐 APEC 總部代表密切會談，形成有其他會員經濟體支持之行動方案或計畫之共識，並期能於專案優先領域研究研討會(Research Symposium for Priority Areas)爭取主導議題並擔任主導成員(Lead Shepherd)或分組國際協調人(Coordinator)，以發揮影響力。
- 五、 在分別與韓國、美國進行 3 次之雙邊會談中，包括成立並參與主導天然災害防治教育工作小組(Emergency Preparedness and Education Working Group)、中文教師交換、及在會員經濟體設置臺灣教育中心等議題、我國技職教育(TVET)成功經驗之分享及與各國間之合作，均獲得參與此 3 次之雙邊會談美韓兩國代表之認同，惟仍需積極尋求其他如澳大利亞、日本、越南、泰國及中國大陸等之支持。

肆、附錄

一、議程

Education Pre-Ministerial Research Symposium: *Future Challenges and Educational Responses: Fostering Global, Innovative and Cooperative Education*

February 5, 2012 (location: TBD)

Opening Session 0900-1030

(session co-chairs: Adriana de Kanter, EDNET coordinator; Victor Smirnov)

1. Welcome Remarks by host co-chair, Viktor Smirnov (Russia) - 5 min.
2. Opening Remarks, Adriana de Kanter (EDNET coordinator) - 5 min.
3. Opening Remarks by the HRDWG Lead Shepherd, YoungHwan Kim (HRDWG LS) - 5 min.
4. Overview of Symposium Expected Outcomes (China) -5 min.
5. Presentation of 2012 Ministerial Dates, Themes and Sub-Themes (Korea) - 20 min.
6. Thematic Overview Paper Presentation and Discussion (Sherri Lauver, USA) - 20 min.
7. Pre-Ministerial Keynote (Susan Sclafani, USA) - 30 min

Tea Break 1030-1045

1045-1215 Pre-Ministerial Research Symposium Continued: Globalization-preparing students with the future skills required for college and career readiness in a globalized, knowledge-based economy

(session co-chairs: TBD, Peru; Alexei Semenov, Russia)

- 8. Priority Area Discussion: Mathematics, Science, Language, and Culture Education (necessary for global competitiveness)**
 - 8.1. Russian Secondary Mathematical Education (Alexei Semenov, Russia) - 10 min.
 - 8.2. Mathematics and Science Review & Issues (ManGoo Park, Korea) – 10 min.
 - 8.3. Culture Education (Vanessa Navarro Chávez, Peru) - 10 min.
 - 8.4. Language Education Literature Review (Sherri Lauver, USA) -10 min.
 - 8.5. Linguistic Education and Russian Federation: (Irina Khaleeva, Russia) - 10 min.
 - 8.6. Discussant Reaction (Maitree Inprasitha, Thailand)-5 min.

- 8.7. Discussant Reaction (TBD)-5 min.
- 8.8. Discussion and Recommendations for Priority Area - 30 min.

Lunch 1215-1330

1330-1500 Pre-Ministerial Research Symposium Continued:
Globalization-preparing students with the future skills required for college and career readiness in a globalized, knowledge-based economy
(session chair: Shen Yang, China; TBD, Philippines)

9. Priority Area Discussion: Developing TVET and Improving Quality of Higher Education (necessary for transitioning into the workforce)

- 9.1. TVET and HE Quality Survey Analysis (Wang Wenjin & Zhu Yiming, China) - 20 min.
- 9.2. Case Study Presentation (TBD, Philippines) - 10 min.
- 9.3. Case Study Presentation (Peter Davies, Australia) - 10 min.
- 9.4. Case Study Presentation (Yuan-Kuang Guu, Chinese Taipei) - 10 min.**
- 9.5. Higher Education Quality Discussant Reaction (Joanne Taira, USA)-5 min.
- 9.6. TVET Discussant Reaction (TBD)-5 min.
- 9.7. Discussion and Recommendations for Priority Area - 30 min

Tea Break 1500-1515

1515-1700 Pre-Ministerial Research Symposium Continued
Innovation-the need to create instructional delivery systems that help students address challenges in innovative ways
(session co-chairs: SeongWoo Choi, Korea; TBD, Viet Nam)

10. Priority Area Discussion: ICT in Education

- 10.1. Survey Analysis on ICT in Education (Jiyon Lee, Korea) - 20 min.
- 10.2. ICT in Education: Present State and Perspectives (Alexander Osin, Russia) - 10 min
- 10.3. Discussant Reaction (Susan Sclafani, USA)-5 min.
- 10.4. TBD (Dr. Hendarman, Indonesia)
- 10.5. Discussion and Recommendations for Priority Area - 40 min

11. Review of the Day's Presentations and Discussions, Adjourn

- 11.1 Overview of the Day (U.S. Deputy Secretary Miller)
- 11.2 Questions, Adjournment (EDNET Coordinator)

1730 - Pre-Ministerial Reception

February 6, 2012

(location: TBD)

0900-1030 Pre-Ministerial Research Symposium Continued:

Innovation-the need to create instructional delivery systems that help students address challenges in innovative ways

(session chair: Eliana del Rosario Chamizo Alvarez, Chile; Brian Fu, USA)

12. Priority Area Discussion: Teacher Quality

- 12.1. Teacher Preparation Program Assessment and Profiles (Jon Star, USA) - 15 min.
- 12.2. Teacher Preparation Program Survey Analysis (Xu Binyan, China) -15 min.
- 12.3. Case Study: Teacher Assessment (Eliana del Rosario Chamizo Alvarez, Chile) - 15 min
- 12.4. Case Study: Teacher Challenges (M. Pinskaya, Russia) – 10 min.
- 12.5. Discussant Reaction (Dr. Ryo Watanabe, Japan) -5 min.
- 12.6. Discussion and Recommendations for Priority Area - 30 min

Tea Break 1030-1045

1045-1200 Pre-Ministerial Research Symposium Continued:

Cooperation-changes in the nature of work and instruction demand that education policymaking, reform efforts, and program implementation should be more collaborative and global

(session chair: YoonSun Lee, Korea)

13. Sub-Theme Discussion: Cooperation

- 13.1. People collaboration, (HwanYoung Jang, Korea) - 15 min
- 13.2. Resource collaboration, (Brian Fu, USA) - 15 min
- 13.3. Institution collaboration (Lin Wen-Tong, Chinese Taipei) - 15 min**
- 13.4. Discussion and Recommendations - 30 min

Lunch 1200-1330

Pre-Ministerial Research Symposium Continued 1330-1500

(session chair: EDNET Coordinator)

14. Breakout Group Discussion of Next Steps for Each Priority Area
 - 14.1. Select a breakout discussion leader and note taker.
 - 14.2. Review and analyze the findings and key issues that Ministers should understand.
 - 14.3. Share what your Economy's major priority or concern is in the priority area.
 - 14.4. Identify areas where further information would assist Member Economies in implementing priority area reforms.
 - 14.5. Discuss what kinds of projects are realistic to promote in EDNET that address these findings and concerns. Are these multi-year projects? Do they involve joint participation?
 - 14.6. Discuss how to get the financial resources into a recommended project.
 - 14.7. Discuss how to ensure that real experts are involved in the project's oversight.
 - 14.8. Create a PowerPoint presentation summarizing your discussion and present this during the next symposium session.

Tea Break 1500-1515

Pre-Ministerial Research Symposium Continued 1515-1700
(session chair: EDNET Coordinator)

15. Plenary Report Out and Discussion of Next Steps for Each Priority Area in Preparation for the Education Network Meeting
16. Summary Panel (Shen Yang, Deputy Director-General, China; You-Mi Suh, Director General, Korea; TBD, Russia; Anthony Miller, Deputy Secretary Of Education, USA)
17. Closing Remarks (EDNET Coordinator)

Special Session Agenda

Tuesday 7 February 2012

Special Session: Thematic Dialogue / HRDWG Technical Meeting

Suggested Attire: Business Attire

Location: World Trade Center Moscow, (Room: TBA)

07:45- **Registration**

08:00-08:50 **Newcomer's Orientation**

09:00-09:50 **Opening session**

- Opening Speech (HRDWG LS: YoungHwan KIM)
- Welcome Speech (SOM representative: G. OVECHKO)
- Welcome Speech (Russian Ministers: T.A. GOLIKOVA, A.A. FURSENKO, TBD)

09:50-10:05 **Coffee Break** (Move to Thematic Dialogue Meeting Room)

10:05-12:00 **Thematic Dialogue** (Concurrent)

Thematic Dialogue [EDNET]¹

- Opening speech (Coordinator: Adriana De KANTER, Moderator: Isak FRUMIN)
- Speech by the Russian Deputy Minister S. IVANETS
- Presentation of Center for Asia-Pacific Studies, Institute of World Economy and International Relations, Russian Academy of Sciences
- Presentation of Federal Institute of Education Development, Russian Federation
- Presentation of Russian Association for Engineering Education
- Presentation of National Research University of Higher School of Economics, Russian Federation
- Presentation of the Far Eastern Federal University, Russian Federation

Thematic Dialogue [LSPN & CBN]²

- Opening speech (LSPN Coordinator: Jason COUTTS, CBN Coordinator: Hiroyuki YOSHIYA, Moderator: Alexey VOVCHENKO)

¹ Thematic Dialogue Theme [EDNET]:The Development of Vocational Education Systems in APEC Economies to Train Qualified Personnel in the Interests of Sustainable Development

² Thematic Dialogue Theme [LSPN & CBN]:Public-Private Partnership as an Instrument for the Inclusive Development of Employment and Social Protection

- Speech by the Russian Deputy Minister M. TOPILIN,
- Speech by the Russian Director of the Department of Employment and Labour Migration T. BLINOVA
- Speech by the Russian Director of the Department of Social Protection
O. SAMARINA
- Presentation of a representative of the Russian Union of Industrialists and Entrepreneurs ;
- Presentation of a representative of the Federation of Independent Trade Unions, Russian Federation;
- Presentation of Higher School of Economics, Russian Federation
- Presentation of State Employment Service for the Population of Primorye Territory, Russian Federation

12:00-13:30 **Luncheon** (by Russian Federation)

13:30-15:30 **Round Table Session³ [EDNET, LSPN, and CBN]**

- Opening speech (LS: YoungHwan KIM, 2 Moderators: Alexey VOVCHENKO, Isak FRUMIN)
- Presentation of a representative of the Higher School of Economics on Employment, Russian Federation (TBD);
- Presentation of a representative of the Higher School of Economics on Education, Russian Federation (TBD);
- Presentation of a representative of the Far Eastern University, Russian Federation (TBD);
- Presentation of a representative of the Russian Centre of APEC Research (TBD);
- Presentation of a representative of ANCOR Leasing Company, Russian Federation (TBD)
- Presentation of a representative of WORKL Internet Company, Russian Federation (TBD)
- Presentation of a representative of “Youth World” Public Forum, Russian Federation (TBD)
- Presentation of a representative of the China Labor Ministry on APEC Skill Development Promotion Center
- Presentation of a representative of APEC Skill Mapping, Australia,
- Presentation of a representative of APEC Learning Community Builders (ALCoB)

15:30-15:45 **Coffee Break**

15:45-16:15 **Wrap Up Discussion**

³ Theme of Round Table Session[EDNET, LSPN, CBN]: Inclusive Development: Education, Employment and Social Protection

16:15-16:30 **Group Photo**

19:00- **Welcoming Reception** by Russian Federation (Venue: TBA)

Wednesday 8 February 2012

Plenary Day: Human Resources Development Working Group

(Official Opening of HRDWG Meeting)

Suggested Attire: Business Attire

Location: World Trade Center Moscow, (Room: TBA)

Chair: HRDWG Lead Shepherd (YoungHwan KIM) / Russia Host Co-Chairs (Sergey Kuleshov, Deputy Director, Ministry of Health and Social Development of the Russian Federation / Victor Smirnov, Deputy Director, Ministry of Education and Science of the Russian Federation)

09:00-12:00 **HRDWG Opening Plenary Session**

09:00-09:05

1. **Welcoming Remarks** (Host Co-Chairs)

09:05-09:10

2. **Opening Remarks** (HRDWG LS)

09:10-09:15

3. **Adoption of Agenda** (HRDWG LS)

09:15-09:25

4. **Core Agenda of APEC Leaders' Meeting 2011 and Implication for HRDWG** (USA, TBA)

09:25-09:35

5. **APEC Priorities for 2012 and Implication on APEC HRDWG** (Russia, SOM)

09:35-09:50

6. **APEC Education Pre-Ministerial Research Symposium Final Report** (EDNET, TBA)

09:50-10:05

7. **The 5th APEC Education Ministerial Meeting Progress Report** (Korea, TBA)

10:05-10:15

8. **CTI Chair's Presentation**

10:15-10:20

9. **Presentation on ANSSR (APEC New Strategy for Structure Reform)**
(USA & Australia)

10:20-11:10

10. **HRDWG Technical Meeting Final Report and Discussion on HRDWG Medium Workplan, Independent Assessment, and Annual Workplan, etc**

11:10-11:13 **Report on Key development of APEC** (LSPN)

11:13-11:30

11. **APEC Secretariat's Update Report (APEC Secretariat)**
- Funding Criteria 2012, project proposal, etc

11:30-11:50

12. **Appointment of New HRDWG Lead Shepherd**

11:50-12:00

13. **Wrap Up**

12:00-13:00 **Luncheon** (by Russian Federation)

Agenda – EDNET

February 8, 2012 (location: TBD)

Opening Session on 1330-1600

1. Welcome Remarks by Host Co-Chair (Russia) - 5 min.
2. Opening Remarks by the Coordinator (EDNET coordinator) - 5 min.
3. Adoption of the Agenda (EDNET coordinator) - 5 min.
4. Appointment of New Education Network Coordinator (APEC Secretariat) - 10 min.
5. **Session: Emergency Preparedness**
 - 5.1. Project Progress Report: Emergency Preparedness Education (Japan, Thailand) -10 min.
6. **Session: TVET & Higher Education Quality**
 - 6.1. Project Progress Report: APEC Higher Education Diploma Supplements

(Australia) -10 min.

6.2. Project Progress Report: Capacity Building for Policies and Monitoring of Cross-Border Education in the APEC Region (China) -10 min.

6.3. Project Progress Report: Quality in Higher Education: Identifying, Developing, and Sustaining Best Practices in the APEC Region (USA) -10 min.

6.4. Project Progress Report: Human Capital Policies for Green Growth and Employment (USA) -10 min.

6.5. Project Proposal: APEC Career and Technical Education Licensing Portal (Chinese Taipei) -10 min.

7. Session: ICT

7.1. Project Progress Report: APEC Learning Community for Shared Prosperity (Korea) -10 min.

7.2. Project Progress Report: APEC Future Education Consortium: Focusing on APEC Network for ICT Model School for Future Education (Korea) -10 min.

7.3. Project Progress Report: APEC e-Learning Training Program (Korea) -10 min.

7.4. Project Progress Report: APEC Training Program for Preventive Education for ICT Misuse (Korea) -10 min.

7.5. Project Progress Report: APEC Information and Communication Technology for Education Exposition (Philippines) -10 min.

February 9, 2012 (location: TBD)

Education Network Meeting Continued 0900-1015

7.6. Project Progress Report: Building Open Education Resource (OER) Capability in APEC Economies (USA) - 10 min.

7.7. Project Progress Report: The APEC Knowledge Bank and APEC Wiki (USA) - 10 min.

8. Session: Mathematics, Science, Language, Culture Education

8.1. Project Progress Report: Promoting Best Practices and Mathematical Modeling (Indonesia) - 10 min.

8.2. Project Progress Report: Innovation on Problem Solving Based Mathematics Textbooks and E-textbooks (Japan, Thailand) - 10 min.

8.3. Project Progress Report: International Comparative Research to Identify Unique and Promising Practices in Mathematics and Science Teacher Preparation for APEC Economies (USA) - 10 min.

9. Presentation of 2012 Ministerial Planning (Korea) - 30 min.

Tea Break 1020 -1040

Education Network Meeting Continued 1040 -1210

10. Session: Pre-Ministerial Symposium Priority Area / Sub-theme Report Out and Discussion on Strategic Directions

10.1. Introduction and Overview (EDNET coordinator) - 10 min.

10.2. Globalization: Mathematics, Science, Language, and Culture Education (Russia, Peru) -40 min

10.3. Globalization: TVET and Higher Education Quality (China, Philippines) - 40 min.

Lunch Break 1210 -1330

Education Network Meeting Continued 1330-1540

10.4. Innovation: ICT in Education (Korea, Viet Nam) -40 min.

10.5. Innovation: Teacher Quality (Chile, USA) -40 min.

10.6. Cooperation (Korea) -20 min.

Tea Break 1540-1600

Education Network Meeting Continued 1600-1730

10.7. General Discussion on Next Steps – 40 min.

11. **Summary Notes and Adjournment** - 50 min.

Friday 10 February 2012

Plenary Day: Human Resources Development Working Group (Official Closing of HRDWG Meeting)

Suggested Attire: Business Attire

Location: World Trade Center Moscow, (Room: TBA)

Chair: HRDWG LS (YoungHwan KIM) / Russia Host Co-Chairs (Sergey Kuleshov & Victor Smirnov)

09:00-12:00 **HRDWG Closing Plenary Session**

14. Network Reports

15. Adoption of Summary Conclusion (HRDWG LS)

16. Hosting arrangement for the 35th HRDWG meetings (Tentative)

17. Closing Remarks

12:00-13:30 Luncheon (by Russian Federation)

二、活動照片



APEC 2012 會議所在 WTC (Moscow, Russia)

林文通處長、陳美芬組長及古源光校長於會場合影



林文通處長在 APEC 會場發表專題報告



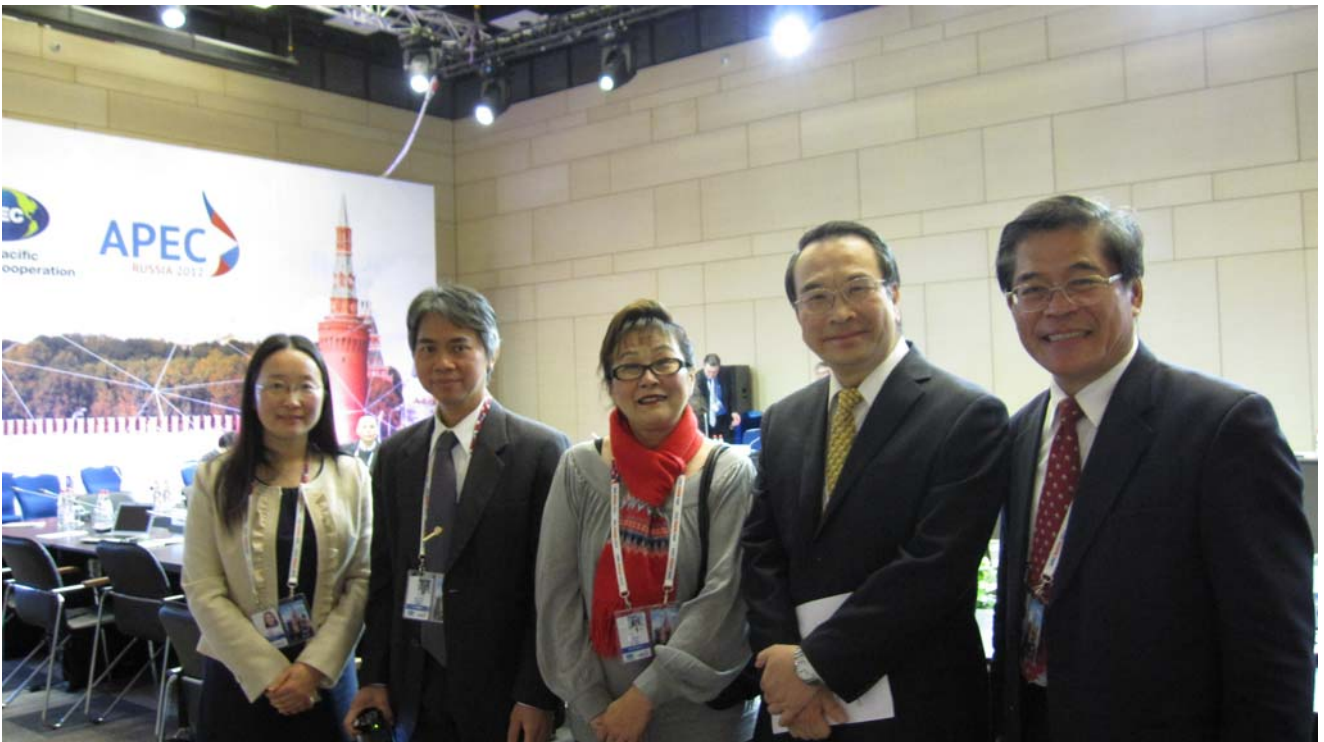
教育部代表團與韓國代表團在雙邊會議後合影



林文通處長同紐西蘭代表交談



教育部代表團同金榮桓博士會談



教育部代表團與泰國代表團於會場合影