Asia-Pacific
Economic Cooperation

FINAL REPORT
APEC Workshop on Innovation Service Chain Based on Information Technology

Policy Partnership on Science, Technology and Innovation

November 2013

APEC Project: IST 04/2012A

APEC Workshop on Innovative Service Chain based on Information Technology

Produced by
Dinghuan Shi
China Association of Productivity Promotion Centre
P. R. China

For
Asia Pacific Economic Cooperation Secretariat
35 Heng Mui Keng Terrace
Singapore 119616
Tel: (65) 68919 600
Fax: (65) 68919 690
Email: info@apec.org
Website: www.apec.org

APEC#213-PP-04.1

Contents

1. Basic data

1.1 Relevance

"The Honolulu Declaration - Toward a Seamless Regional Economy" was the theme of the 19th APEC Economic Leaders' meeting. "Integrate to Grow, Innovate to Prosper" was the 20th APEC Economic Leader's meeting. APEC is taking following steps to strengthening regional economic integration.

- *"Set a model for innovation in the region as the best path toward fostering innovations that will increase productivity and ensure economic growth ".*
- *"a seamless regional economy through delivering effective economic and technical cooperation"*
- *"continue building competitive, open and transparent business environments, assist SMMEs' internationalization and support of export-oriented SMMEs, strengthen their access to markets and financing, and promote innovation as a key competitive advantage for SMMEs."*

The project "Innovative Service Chain (ISC) based on Information Technology" aim at building innovation service chain which will provide the means to deliver economic and technical co-operation, reduce economic disparities among APEC economies and create better quality and productive jobs. Meanwhile it will improve information service, enhance the standards and harmonization of innovation service industries.

In the wake of the 2008 financial and economic crisis, innovation is viewed as central in boosting job creation and economic growth in the quest to build stronger, cleaner, and fairer economies. The increased relevance of networks and connectivity for innovation also reinforces the importance of regional innovation systems. But regions are not countries and cannot simply replicate national network at a regional scale. To establish regional innovation service chain is necessary.

Clearly, this project is a technology cooperation project between multiple APEC economies. It will play important role in coordinating information sharing, transparency, and capacity building.

1.2 Objectives

The innovation service is one of the major engines to resilient the regional economic. So innovation service is a hot research topic in many APEC economies, and

increasing numbers of governments and enterprises are joined in this area. For example, Europe Union builds" Towards a Single Market Act", which estimated that implementing the Services Directive would generate between €60-140billion,or 0.6-1.5% of European GDP.

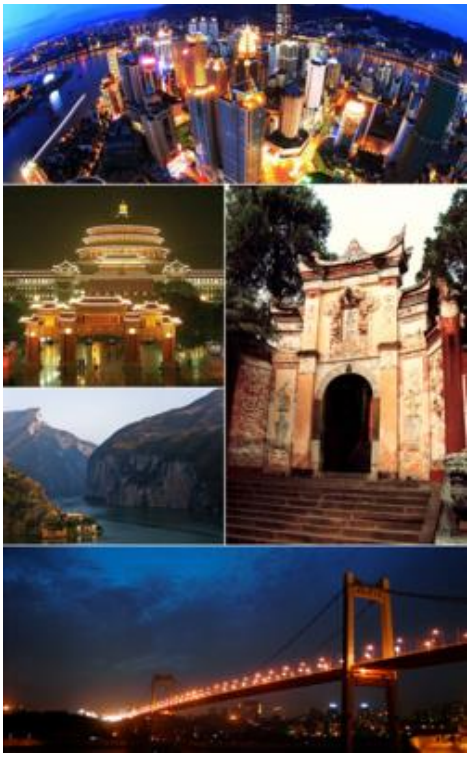
Innovation service chain is a long-time project. But the objective of our project is to create a platform by ICT to integrate comprehensively innovation resources in APEC economies and rely on the innovation service chain alliance. It is very hard to build this standard or research concerns for everybody, but it is possible to start this kind of cooperation within related institutions and enterprises.

First and enlarge the scope to more and more organizations inside APEC economies that are interested in this project. After the activities of this year are completed, we will plan to held more activities every year and continue to contribute to innovation service chain project. It will ensure participants to share the latest knowledge in the service industry, improve the cooperation among developed economies and help the developing economies to increase their developing speed.

Now we are working with an organization of Chilies on the depth docking of solar energy, agricultural machinery etc. Meanwhile a Committee of Innovation Service Chain is being prepared. Next year the Committee will be announced.

1.3 Activity Locations

Chongqing, China. For more information about Chongqing, can visit wiki webpage: http://en.wikipedia.org/wiki/Chongqing



Santiago de Chile. For more information about Santiago, can visit wiki webpage: http://en.wikipedia.org/wiki/Santiago,_Chile

1.4 Project Plan of Implementations

2012-04 – 2012-05: Contacted APEC PD in China and discussed the Concepts Notes.

2012-06 – 2012-07: The project steering committee was setup. Concept Notes was submitted. BMC considered Concepts Notes.

2012-08 – 2012-09: The project technical committee was setup.

2012-10 – 2012-11: The contractor and contractor's secretary were appointed.

2012-12 – 2013-01: The first activities' experts, speakers and participants were contacted.

BMC gave final approval. These experts, speakers and participants were notified and all individual detailed travel and activity plan started.

2012-12 – 2013-02: Preparation for the first workshop.

1) Project external communication channel was setup.

2) Multi-rounds meetings and discussions between APEC Secretariat and project organizer were held.

3) The suggestions and comments from co-sponsor economies and other related parties were considered and discussed.

4) The organizer sent out invitations to all member economies asking them to actively join and participate in the activities, some part of activities can be held or taken responsibility by co-sponsor economies.

5) Monitoring report was submitted.

6) Translate the workshop materials

2013-02-26 – 2013-02-27: The first workshop was held in Chongqing, China

2013-03 – 2013-04: The first phase summary

2013-04 – 2013-06: The second activities' experts, speakers and participants were contacted.

2013-06 – 2013-07: BMC gave final approval. These experts, speakers and participants were notified and all individual detailed travel and activity plan started.

2013-07 – 2013-08: Preparation for the second workshop

2013-08-29 – 2013-08-30: The second workshop was held in Santiago, Chile.

2013-09 – 2013-11: Participate in the innovation service chain alliance E-list structures

2013-09 – 2013-11: Reimbursement, completion report, and future work

1.5 Agenda of Key Dates Activities

2013 APEC Workshop on
Innovative Service Chain Based on Information Technology
February 26-27, 2013 Chongqing, China

Time	Content
25th, Feb, 2013	
13:00-19:00	Guest Registration
26th, Feb, 2013	
Opening Ceremony	
09:00-09:45	Welcoming Address by Chongqing Municipal Government
	Speech from MOST, China
	Speech from Chilean Ambassador
	Read Proposal
	Signing Ceremony of Innovative Service Chain Proposal
	Coffee/Tea Break
Keynote Speech Innovation Environment Construction	
10:10-12:00	In this key-note speech section, officials from government sections will address the measures they have taken to build the required environment for SMEs innovation. Experts from research institutions will illustrate the new models of innovation service industry and the approaches to encourage the industrial and academic involvement in the innovation development cooperation.
	Torch High Technology Industry Development Center, MOST, China
	Industrial Technology Research Institute(ITRI) , Chinese Taipei
	Department of SMEs, Ministry of Industry and Information Technology (MIIT), China
	HKPC, Hong Kong, China
	Department of High & New Technology Development & Industrialization, MOST, China
	Department of Science and Technology , Philippines
12:00-14:00	Luncheon
	Session1: Analysis Integration and standardized service model of Information Technology
14:00-17:30	The core of innovation service chain is a mechanism of innovative elements that needs to be extended by the means of information technology, in a network mode and through system integration, while a standardization of the system is required. This section will discuss how to, under a digital and networked environment, achieve a seamless connection of innovation information

	service, IP service and technology transfer service by the technical means of the organization, storage, analysis and presentation of information resources, to finally achieve a convenient, efficient, valuable, proactive, objective, accurate and prospective service. （1）Beijing Institute of Technology, China （2）PARC, a Xerox company, USA （3）Beijing East lindue Science & Technology Co...LTD, China （4）KOTEC, Korea （5）Co-way International TechTrans Co. LTD. China （6）Skolkovo Foundation, Russia
27th , Feb, 2013	
	Session 2: Means and Models of Services to SMEs
09:00-12:00	This section will focus on the new trend, new model and new mechanism of technology intermediary service and how to conduct a multi-area and networked innovation service chain in view of their industry features, basic status and development tendency. The linking with financial organizations, the standard and unique services adapted to the diversified features of local development as well as the overall framework of the innovation service chain will also be discussed. （1）CA PPC, China （2）CPC, Chinese Taipei （3）Xi'an High-tech Zone Productivity Center, China （4）EU （5）CIUR, China （6）Chongqing Productivity Council, China
14:00-17:00	Visit Chongqing SMEs "One-stop" Service Platform and Chongqing Wulidian Industrial Design Park

2013 APEC Workshop on
Innovative Service Chain Based on Information Technology
August 29-30, 2013 Santiago, Chile

Time	Content	
28th, Aug, 2013	**Registered**	
29th, Aug, 2013		
Opening Ceremony		
09:00-09:30	Opening Remarks	
	Speech from Embassy of the People's Republic of China in the Republic of Chile	
	Speech from Multilateral Economic Affairs, Chile's Senior Official to APEC	
	Speech from CAPPC, China	
09:30 -:09:50	Coffee/Tea Break	
Session1 : Innovative Service Chain Alliance		
09:50-12:30	This section will discuss Innovative service chain alliance constitution, organizational form, etc.	
	China Science and Technology Exchange Center (CSTEC)	
	Ministerio de Economia Fomento y Turismo, Chile	
	Callaghan Innovation Research Limited, New Zealand	
	Industrial Technology Research Institute(ITRI) , Chinese Taipei	
	CAPPC, China	
12:00-14:00	Lunch time	
Session 2: innovation matchmaking service		
14:00-16:00	Renewable Energy	Environmental Protection
30th , Aug, 2013		
09:00-12:00	Visit CORFO and CONICYT	

1.6 Participant Economies

There are 11 member economies of APEC and 1 other organization participate in the activity during the two workshops.

The member economies and some of their experts/participants are:

- Hong Kong, China:
  Mrs. Mak Tang, Executive Director, Hong Kong Productivity Council
  Miss. Yue Daisy, Project Manager, Hong Kong Science & Technology Parks Corporation
  Miss. Annie Kong, Senior Manager, Hong Kong Science & Technology Parks Corporation

- Philippines:
  Ms. Ma.ABILAY, Director IV, Department of Science and Technology – MIMAROPA Region.
  Mr. EDGAR GARCIA, Director, Technology Application Promotion Institute

- Seoul Korea:
  Mr. KyungJin Hyung, Senior Manager, Korea Technology Finance Corporation (KOTEC/KIBO Technology Credit Guarantee Fund).

- Russia:
  Mr. Vladimir Tsaganov, Regional Director, Asia Pacific at Star Force Technologies.

- U.S.A:
  Ms. Teresa Lunt, Vice President, PARC, a Xerox company

- Chinese Taipei:
  Mr. Stephen Su, General Director, Industrial Economics & Knowledge Center (IEK) in Industrial Technology Research Institute (ITRI)
  Mr. Jason Chang, Senior Researcher, Service Systems Technology Center in Industrial Technology Research Institute (ITRI)

- Malaysia
  Mrs. Rusilawati Othman, Senior Secretary Assistant, Ministry of Science, Technology and Innovation

- New Zealand
  Mrs. Chelydra Percy, General Manager Future Products & Innovation, Callaghan Innovation Research Limited

- Peru
  Mr. Zico Herrera Geldres, CEO (Expertise in IT), DSB Mobile SAC by TECHNOPARK IDI
  Mr. Fernando Miranda del Solar, Director Centro, TECHNOPARK IDI

- Chile

Mr. Juan Manuel Santa Cruz, Head Innovation Division, Ministerio de Economia.

Mr. Felipe Torres, Deputy Head Innovation Division, Ministerio de Economia.

- China:

  Mr. Zhu Donghua, Full-Professor, Beijing Institute of Technology

  Ms. Wang Yan, Senior Researcher, China Science and Technology Exchange Center (CSTEC)

  Mr. Zhang Xuguo, Secretary-General, China Association of Science and Technology Industry Parks

  Mr.Xiao Chen, Professor, Shanghai Advanced Research Institute, Chinese Academy of Sciences

  Ms. Hu Shujing, financial executive, 《Frontier Science》 Editorial department

- EU

  Mr. Benoit, Market Access Advisor, EU SME Centre

Some experts/speakers photo together:

Cao Jianlin, Vice Minister, MOST of China attended the workshop in China


2013亚太区域中小企业
一站式创新服务链建设研讨会
2013 APEC Workshop on
Innovative Service Chain Based
on Information Technology


Asia-Pacific
Economic Cooperation
Welcome to


APEC
Asia-Pacific
Economic Cooperation
2013 APEC Workshop on
August 29-30, 2013 Santiago, Chile
Sponsored by
CROWNE PLAZA
SANTIAGO
DIRECON


APEC
Asia-Pacific

1.7 Some Expert/Speaker Details

Dr. Teresa Lunt

Teresa Lunt is Vice President and Director of the Computing Science Laboratory research organization at PARC, a Xerox company.

She directs a wide range of research activities in her organization, including content-centric networking, ethnography for opportunity discovery and business practice transformation, ubiquitous computing, security and privacy, ad hoc networking, and control software for printing systems.

Under Lunt's direction, this research organization has engaged in multiple strategic commercial co-development relationships. Lunt is a Principal Scientist at PARC. Before joining PARC, she was Assistant Director and Program Manager in DARPA's Information Technology Office, where she launched programs to fund research in computer and network security. Lunt also previously led teams at SRI International to develop the first intrusion detection system and secure database system.

Lunt received an M.A. in Applied Mathematics from Indiana University and an A.B. in Geophysics from Princeton University.

Teresa.Lunt@parc.com

Vladimir Tsaganov

Regional Director, Asia Pacific at Star Force Technologies

E-mail: vladimir.tsaganov@star-force.ru

EXPERIENCE

Regional Director, Asia Pacific at Star Force Technologies
November 2011 - Present (1 year 3 months)

International Business Development Manager at Star Force Technologies, Ltd
September 2010 - November 2011 (1 year 3 months)

Business Development Manager, Internet Department at Prior Ltd.
September 2008 - July 2009 (11 months)

• Selling of advertising projects in the Internet environment: Negotiating with top management of companies; participating in tenders; searching, attracting and working with clients.

• Developing and implementing of complex projects: media planning, banner and contextual advertising, media context, creative, promotional sites, communication strategies, PR campaigns, shares viral marketing, interactive projects, etc.

• Creating of commercial proposals and presentations.

Project Manager at JSC "GDM Group"
January 2007 - September 2008 (1 year 9 months)

- Impementing projects for the development of user's base: - Joint project with ellular operators (MTS, Beeline, Megafon) and Network Cellular Shops (Euroset,
- Svyaznoy, Cifrograd, etc);
    - Internet (joint projects with thematic web sites, work with advertising agencies);

- Work with the regional offices of the company (development of regional representation of the company).

- Preparing of analytical reports about development of user's base.
- Forecasting and analyzing of opportunities for the development of user's base.
- Working with a team of developers. Technical support of GIGAFONE project.
- Training and motivating of employees of partner companies in joint projects.

Sales Representative at JSC "Global Tele Line MSK"
March 2006 - July 2006 (5 months)

• Direct sales in the cellular communication shop.

• Maintenance of financial documents.

EDUCATION

The Russian Presidential Academy of National Economy and Public Administration

PhD, Economics, 2011 - 2014

Conservatoire National des Arts et Métiers - International Institute of Management - Paris

Master, Project Management and Business Engineering, 2009 - 2010

Peoples' Friendship University of Russia

Master, International Project Management, 2008 - 2010

Peoples' Friendship University of Russia

Bachelor of Engineer, Technology, Equipment and Automation of machine-building production, 2004 - 2008

KyungJin Hyung

(82)10-5608-8500 ·dukehyung@gmail.com

Gongjak APT B-901, 21-2 Yeoidodong, Youngdeungpogu,
Seoul Korea (150-729)

EXPERIENCE

2002 – 2012 Korea Technology Finance Corporation (KOTEC/KIBO Technology Credit Guarantee Fund)

***Senior Manager (Team Head),* International Office, Seoul Korea** (Jan 2012 – Current)

- Leading multilateral cooperation with global innovation institutions such as NL Agency (Netherland),OSEO (France), IDA International (Singapore) to globalize KOTEC's technology appraisal system.

- Propelling cooperative scheme with SATI (Vietnam) to foster cross-border technology transfers.

***Senior Manager,* Central Technology Appraisal Institute, Seoul Korea** (July 2010 – Jan 2012)

- Provided 26 technology business valuation services to high tech firms leading to the success of 18 companies' capital raising or exit: 4 for VC funding, 8 for Investment in Kind under Special Enactment for Ventures, 1 for KOSDAQ listing, 3 for M&A, 2 for Technology Transfer.

- Successfully managed the task for the development of National Standard Culture Industry Evaluation Model for 'Musical Plays', project of which was funded by Ministry of Culture & Tourism (2011)

- Led a section in 9-month project committee composed of 6 experts in and out of KOTEC to develop IFRS-relevant valuation model, mission of which was completed well (2011)

***Senior Manager,* Technology Appraisal Department, Busan Korea** (May 2008 – July 2010)

- First to propose idea of Green Technology Certificate System to Presidential Committee on Green Growth and led task team to develop multi-layer valuation model for Green Technology Businesses: Presidential office entrusted KOTEC as the legitimate institute for National Green Growth Strategy.

***Manager, R*isk Management Office, Busan Korea** (Aug 2005 – June 2006)

- Analyzed various risk variables and planned new risk management system for KOTEC; process designed to lower default rate to targeted below 5.0% range from previous 8.7%. (3.76% in 2011).

***Manager,* Venture Investment Planning Department, Seoul Korea** (Jan 2005 – July 2005)

- Coordinated 4-person team in the development of new direct investment schemes; project became an important strategic business for KOTEC: the fund grew from $2 million to $10 million currently.

***Assistant Manager,* Primary CBO Investment Management Team** (Nov 2003 – Jan 2005)

- Managed underlying assets of six Primary CBO (Collateralized Bond Obligation) pools ($2.4 billion) and minimized losses to $0.65 billion from an expected $1.0 billion in losses.

- Analyzed performance and business status of 808 CBO participating mid to later stage business ventures, classified them into five categories, and developed strategies appropriate for each category.

- Created strategies for monetizing converted shares, CBs, and BWs resulting in $42 million profit

***Junior Associate,* Gangnam (Teheran Valley) Branch Office** (Jan 2002 – Nov 2003)

- Evaluated and processed technology guarantees to 102 IT ventures.

EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business, Durham, NC, *Master of Business Administration, May 2008.* alumni scholarship; Director of VC & PE Club, Relationship Manager of Investment Banking Club ; *Interim CFO* of U.S. Alternative Ads Start-up, StoryBlender.com (Nov 2007 ~ April 2008); Attended three-week Global Manager Program at ESSEC, Paris.

SOGANG UNIVERSITY, Graduate School of International Studies, Seoul,

Korea, *Master of International Studies, Feb, 2002.* Concentration: International Finance, *Cum Laude,* academic scholarship; Internship at the foreign exchange department of Dongyang Investment Bank, Seoul;

HANNAM UNIVERSITY, **College of Economics and Business Administration**, Daejeon, Korea*Bachelor of Business Administration, Feb, 2000.* Major: Accounting (GPA: 4.08/4.50) *Cum laude.* Selected member (6 out of 213 candidates) of globalization training team: 3 months in-school training and one month research trip to Thailand and Japan, sponsored by Bangchon Foundation.

ADDITIONAL INFORMATION

Global Sharing **International Conferences, Working Papers, and other significant Presentations**

- Specially invited as a presenter & discussant on an international best practice of technology financing to Final Conference of Innovation Partnering Forum (5 year-long project propelled by European Commission)

- Presented on Korea's Technology Financing System and provided consulting to the Ministry of Science & Technology of Viet Nam under UN APCTT program (Oct 2012)

- Gave a speech on Technology Appraisal practice and a case study at the International Workshop held by State Agency of Technology & Innovation of Viet Nam (April 2012)

- Wrote a working paper, "Are Public SME financing institutions still viable in mature economies?" and gave a speech on the paper for 2009 International Council for Small Business conference (June 2009) :

- the paper provided useful insight to Final Report on European Commission's Innovation Partnering Forum Review, 'South Korea SME Innovation Support Schemes', April 2012, Dr. O'Donnell et al l Presented on "Economic Benefits of Capital Market to Credit Guarantee Institutions" at 21st Asia Credit Supplementation Institution Confederation Summit held in Phuket Thailand. (Nov 2008)

- Presented on Tech-Appraisal at the 31st International Small Business Congress (Warsaw, Poland) as a Korean delegate to 423 representatives from 27 countries.(Sept 2004)

- Wrote a working paper, "Is Equity always the best for Innovation Financing" to Journal of SME development which will published by Taiwan SMEG (Sep 2012)

- Wrote a working paper, "Project Financing & Technology Appraisal Guarantee"

to Journal of SME development published by Taiwan SMEG (Feb 2011)

- Wrote a working paper, "Flying beyond conventional practice to better serve the innovation in a maturing economy-KOTEC case" to Journal of SME development published by Taiwan SMEG (Sep 2009)

- Presented to government delegations from Mongolia, Mexico, Singapore, Egypt, and China on KOTEC's advanced technology appraisal guarantee schemes (on five different occasions in 2009)

- Provided advices to Malaysian Industry Government Group for high technology on their initiative to create innovation-cert certificate based on KOTEC's operation experience of Innovation Biz certificate via conference call and email exchanges. (Jan.~Feb. 2010)

- Organized a study trip and Presented to OSEO of France and CDTI of Spain for mutual knowledge sharing and published a research paper on "Comparative studies on European Technology Financing Practices". (May 2010)

Recognition **Honors & Awards**

- Awarded Letter of Commendation for merit from Korean Minister of Strategy and Finance. (Dec 2009)

- Won Excellent Prize from Korea Small Business Institute & Small and Medium Business Corporation for 17th SME success case-analysis competition. (Dec 2009)

- Won Excellent Prize from National English Speaking Contest held by Ministry of Education and YBM. (Jan 1999)

MBA Internship **ASCEND International LLC (Financial & Strategic Consultancy)** (Summer 2007)

***Summer Associate,* Financial Advisory Team & Venture Incubating Team,** Beverly Hills, CA

- Conducted financial and strategic analysis of an Internet Security Solution firm pertaining to a potential cross-border M&A transaction with an Asian conglomerate (6weeks).

- Successfully completed the screening process of 432 business ideas with U.S. venture capitalists for the SD Forum Investor Forum to select 8 finalists for unique pitching opportunity (3weeks).

Benoit Misonne

Nationality: Belgian Email: benoit.misonne@ipkey.org

EDUCATION

- 09/2003 – 06/2004: Master in European Advanced Interdisciplinary Studies @ College of Europe (*Inbev-Baillet Latour Scholarship*)
- 09/1999 – 07/2003: MA (Hons) International Business (EMBS – dual degree) @ Heriot-Watt University, (*Edinburgh, UK*)

PROFESSIONAL EXPERIENCE

- 08/2012 – to date: Market Access Advisor @ EU SME Centre
- 10/2007 – 07/2012: China Advisor @ European Patent Office
- 10/2007 – 09/2011: Project Coordinator (LTE3) @ EU-China Project on the Protection of Intellectual Property Rights (IPR2 - European Patent Office)
- 07/2005 – 09/2007: IPR Project Manager @ EU-China Project on China's Integration into the World Trading System (EUCTP - Emerging Markets Group)
- 08 – 06/2005: Member to the Trade and Economic Section @ Delegation of the European Commission
- 08 – 12/2004: Lecturer @ Tangshan University
- 1999 – 2003
    - 2003 [F&B] College of Europe – Student's Union (PT)
    - 2003 [Chem. & Pharma] Solvay SA – Corporate Purchasing Network (FT)
    - 2002 [Agro Food] Südzucker AG – Human Resource Department (FT)

- 2001 [ICT] Mobistar SA – Marketing Department (FT)
- 2001 [ICT] Motorola Inc. – International Service Network (PT)
- 2000 [Gov] Dartford Borough Council – Division for Int'l Relations (PT)

PUBLICATIONS

- [2009] Blind, Mueller, Smits, The Relationship between Intellectual Property & Standards (co-editor)
- [2008] Aguilera, Barbry, Chudzikiewicz, Correa, Depreter, Florenson, Ma, Rechardt, Sanchez, Wang, Zhou, Collective Management of Authors' Rights and Related Rights in the EU and the PRC: Benefits & Challenges in the Digital Era (co-editor)
- [2006] Ranjard, Misonne, Exploring China's IP Environment
- [2005] Ranjard, Huang, Misonne, The Legislation protecting Intellectual Property Rights and its Enforcement in the EU and the PRC: A Comparative Study

[2004] Misonne, China engaging on the International Scene: How to manage Counterfeiting and Piracy Issues? (*College of Europe Master Thesis supervised by DDG Karl-Friedrich Falkenberg, DG Trade, EC – presently Director General at DG Environment*)

Stephen Su

General Director of Industrial Economics & Knowledge Center (IEK) in Industrial Technology Research Institute (ITRI)

Prior to joining ITRI/IEK as the General Director in 2010, he was a Principal in Roland Berger Strategy Consultants based in Shanghai. From 2000-2008 he was a Senior Director for mobile phone business in Primax Electronics Ltd. based in Taipei. From 1994-1998 he served as a Project Leader in Boston Consulting Group (BCG) Hong Kong. From 1992-1994 he was an Applications Engineer in the Semiconductor Group of Motorola Phoenix. Stephen has vast experience in manufacturing industry, strategy consulting and technology research. His professional specialties include Strategy, Operations Improvement, Organization Change, Business Process Redesign, and Marketing.

Stephen also serves as the Chairman of Committee on Regulations and Standards, Cloud Computing Association in Chinese Taipei (CCAT) since 2010, and as the Executive Director for Asia Pacific Industrial Analysts Association (APIAA) since 2011.
Stephen received BS in Electronic/Computer Engineering from UC Berkeley, MS in Electronics from California Institute of Technology, and MBA from Kellogg School of Management at Northwestern University. He also received EMBA training programs from Harvard/CEIBS (Shanghai)/Tsinghua University (Beijing), and from Thunderbird/Indiana University.

Stephen is an owner of multiple patents in power switching control and mobile phone applications. He was part of the team that won the Kellogg Moot Corp Competition (New Business Venture) Champion in 1994. He has vast consulting experience for local and international enterprises in Greater China and Southeast Asia.

Mrs Agnes Mak Tang Pik-yee, MH, JP Executive Director

Mrs Mak has over 30 solid years of experience in information technology. Prior to joining Hong Kong Productivity Council, Mrs Mak founded her own IT consultancy business. She also has extensive working experience in both private and public sectors having held key posts in various communication companies as well as statutory body.

Along with her full-time career, Mrs Mak has been very active within the Hong Kong IT Community. She was the President of Hong Kong Computer Society (1995-1998), Chairman of the Advisory Committee of Science Faculty of Hong Kong Baptist University, Chairman of Committee in Information Technology Training and Development of Vocational Training council, Vice Chairman of the General Support Program Vetting Committee of the Innovation and Technology Fund, Vice Chairman of Employee Retraining Board, Board member of Hong Kong Science and Technology Parks Corporation, Member of Hong Kong Councils for Accreditation of Academic and Vocational Qualifications and Member of the Social Welfare Advisory Committee.

In addition to being an enthusiast in promoting the quality of higher education and enriching vocational education, Mrs Mak is also an advocate in advancing professional recognition for IT professionals in Hong Kong. She has assumed Chairman of the Information & Communications Technology / Industry Training Advisory Committee under the Education Bureau of HKSAR Government. Under her leadership, the Specification of Competency Standards for the IT industry was successfully developed. She has also taken up the position of Director In-charge of the Hong Kong Institute for IT Professional Certification which pioneers the first IT Professional credentialing scheme in Hong Kong.

In 1995, Mrs Mak was recognized as one of Ten Most Outstanding Young Persons in the Hong Kong community that made significant IT contributions. In 1999, she was conferred Distinguished Fellow of the Hong Kong Computer Society. In 2002, she was appointed as a “Justice of Peace”. In July 2007, she was awarded “Medal of Honor” by the HKSAR Government. And in November 2008, she was conferred Honorary Fellow of Vocational Training Council.

Mr./Ms./Dr. Eugene Yu-Ying Lin

EDUCATION

Year	*School Name & Major*
2012	National Chung Hsing University, Ph.D. in Applied Economics
1991	University of Oregon, MBA
1983	National Taiwan University, B.S. – Biology

EMPLOYMENT

Year	*Organization & Designation*
2013	CPC, Director of Planning and Training Division
	APO Liaison Officer for the ROC
2010-2012	China Productivity Center, Manager of Commerce Management Team
2008-2010	APO Liaison Officer for the ROC
1992-2008	China Productivity Center, Management Consultant
1992	Taiwan Biology Research Co. , Ltd., Sales Manager
1991-1992	Taiwan First Investment Trust Co., Ltd., Assistant Manager
1986-1987	Falcon Machine Tools Co., Ltd., Business Representative

PROJECT

Year	*Project Name*
2008-2010, 2013	Asian Productivity Organization Affairs Implementation Plan
2010-2012	Nantou County Distinguished Local Industry Development Plan
2012	Regional Incubation Network Plan (Central Region)

Ma. JOSEFINA P. ABILAY

Mobile: (63) 999 404 6357 *Trunk line*: (63 2) 837-2071 loc. 2093
Telefax: (63 2) 837-3755
Mailing address:
Department of Science and Technology – MIMAROPA Region
DOST Complex, Gen. Santos Ave. Bicutan, Taguig City, Philippines

Education Post Graduate:	***Doctor of Business Administration*** University of the Philippines, Diliman, Quezon City (May 1997) Dissertation: "*Factors Influencing the Decision to Adopt New Technologies*"
Graduate:	***Master of Management*** Major in Agribusiness Management University of the Philippines at Los Baños (UPLB) College, Laguna (April 1990)
College:	***Bachelor of Science in Agribusiness*** UPLB (1980)

Publications

Wickremasinghe, S.I., **M.J.P. Abilay,** and J. Gunaratne (eds). Science and Technology for Rural Development. Nam S&T Centre, New Delhi, India. 2012

Abilay, M.J.P. Factors Influencing the Decision to Adopt New Technologies. *Journal of Business and Governance*, Vol. 2 No. 3, January-June 2001.

de Jesus, C. C. and **M. J.P. Abilay** (eds) Data Series on Poultry Statistics in the Philippines. PCARRD, Los Baños, Laguna, 1989.

Abilay, M.J.P. and Z.C. Gibe (eds) Data Series on Ruminants (Cattle, Carabao and Goat) in the Philippines. PCARRD, Los Baños, Laguna, 1987.

Professional History

I. Department of Science and Technology	**Director IV / Regional Director**
September 2007 to date	*Department of Science and Technology* *MIMAROPA Region* *Bicutan, Taguig City* *Implements the department's national science and technology (S&T) programs in the region.* *Plans, organizes and undertakes over-all supervision of technology transfer services to micro, small and medium enterprises (MSMEs) in the region to enhance their productivity and competitiveness. This service includes technology acquisition/upgrading, technology training, technical consultancy, products testing, packaging and labeling.* *Networks with varied stakeholders in the region including congressional offices, local government units (LGUs), national government agencies (NGAs), non-government organizations (NGOs), state universities and colleges (SUCs) and MSMEs for effective technology transfer.* *Sits as member of the Board of Trustees/ Regents of SUCs in the region*
March 2003 to January 2007	**Director IV/Program Manager** *Small Enterprise Technology Upgrading Program* *Department of Science and Technology* *Bicutan, Taguig City*
	Director IV / Regional Director *Department of Science and Technology* *Regional Office No. V (DOST V)* *Legazpi City*
January 1991 to February 2003	**Supervising Science Research Specialist** *Department of Science and Technology* *Regional Office No. XI* *Davao City* *Assisted in coordinating the activities of the Technical Division*;

Yanhuai Liu

She graduated from the Beijing Institute of Petroleum College Refining Department in 1968, engaged in scientific and technological intelligence management in 1973. She transferred to the Chinese Patent Office from Yanshan Petrochemical Corporation in 1981, worked in the Patent Literature Center, Automation Department, Information Center, Retrieval Counseling Center and Intellectual Property Publishing House; organized and lead in patent document on-line retrieval technology research, information retrieval services, deep-indexed patent database research and building work. She served as retrieval Director, Director of Data Processing, director of the Center for patent data research, dedicated in the areas of intelligence services and research, deep-indexed data processing, database construction for 30 years. In 2001, she received the title of researcher from the State Intellectual Property Office. In December 1990, Liu Yanhuai received a scholarship from Han Suyin Chinese / Western scientific exchanges Foundation to study in the United States in international online retrieval and deep-indexed processing technologies. During the 10 years after Liu Yanhuai returning in April 1992, she organized and lead a number of projects sponsored by National Natural Science Foundation, China State Intellectual Property Office, Ministry of Science and Technology, the National Development and Reform Commission, the State Intellectual Property Office's significant patent information technology projects, and 863 projects to build China's first patent information website and to carry out network services, successfully developed the deep-indexed professional search function in Chinese Medicine Patent Database and retrieval platform, the first such platform built at the State Intellectual Property Office with independent intellectual property rights at the international advanced level, and praised by the Director-General of the World Intellectual Property Organization.

As Liu Yanhuai retiring in July 2004, she created Beijing East Linden Science and Technology Co., Ltd., She led the completion of the construction of the English version of Chinese Medicine Patent Database. The database has been provided to patent examiners in 32 countries by the European Patent Office.

For the last several years, she led the completion of the major project for the Ministry of Science and Technology "Patent literature search service application demonstration platform ", and a 863 projects "Patent database for innovative drugs with specialized search functions" and "Systematic drug kinetics and toxicity early prediction system", the establishment of the Ministry of Science and Technology international cooperation project "Chinese medicine internationalized cardiovascular toxicity evaluation through the construction of integrated information systems", "Indochina Peninsula medicinal plant resources information system construction", Science and Technology project "agricultural scientific and technological achievements Virtual Expo"; leadership in "Chinese-English machine translation system", "Chinese patent

automatic indexing system” development; she also organized the establishment of “World patent database to combat avian flu" and "governance cyanobacteria world patent database”, provided them free of charge to the Government and the social use. In March 2010, she led the construction of the World Traditional Medicine Patent Database with independent intellectual property rights, implemented specialized search functions, such as chemical structure graphical retrieval, multilingual retrieval, formulary similarity retrieval (this database has received government procurement, and launched a fee based service at home and abroad); she also worked with Chinese-American scientist Dr. Xu Jun, to create a use of data mining technology for high-efficiency, low-cost drug design. While constructing the world traditional medicines patent information platform, a series of databases was created as by-products, one of them has a collection of more than 18,000 kinds of natural medicine from countries in the world: natural medicine registration database, as it will be the foundation to build a world natural medicine pharmacopoeia. She guided undertaking the project of the Ministry of Science and Technology in building “Chinese and English bilingual Chinese medicine internationalizing information service platform", and bear the "one-stop intellectual property information service platform based on industry chain integration and business innovation” project construction in 2013.

Liu Yanhuai papers on important domestic and international intellectual property and academic journals and more than 10 articles and dozens of domestic and international academic forum lectures, published "Chinese and foreign patent database search guide book ” as editor(" patent "check on the Internet” as deputy editor). Liu Yanhuai also served as an adjunct professor of Sun Yat-sen University, Beijing Institute of Technology, Jinan University, Chinese Academy of Medical Sciences Institute of Medicinal Plant, Shandong Academy of Medical Sciences Visiting Fellow positions, and was invited as a member of the working group of experts of national intellectual property strategy, expert of intellectual property implementation strategy in defense, the Ministry of Science and Technology 863 project evaluation expert, member of the expert advisory committee in Beijing Zhongguancun High-Tech Park Haidian core area.

Over the years, the team under her leadership has formed a solid foundation in terms of innovative research and specialized information platform construction services. Because of her and her team’s hard work and quality service, East Linden has established as the only organization in China engaged in the deep processing of multilingual patent information professional intellectual property information services, owns a number of patents and software copyrights, and has formed a well-known brand.

These outstanding contributions to society earned her and East Linden many awards:
2012 Selected as a SIPO intellectual property service brand nurturing agency 2012

Awarded as one of the national intellectual property service outstanding brand agencies.

2012 Awarded as one of the national patent information service independent innovation iconic companies.

2011 Won Outstanding Contribution Award for Enterprise Independent innovation.

2011 Won the title of technological innovation pioneer for Chinese private enterprises.

2010 World Traditional Medicine Patent Database won the innovative products in Beijing.

2008 won the Chinese enterprises independent innovation leading brand.

2007 Awarded as one of the hundred enterprises of China's most influential innovators.

Intellectual property affairs partner of the China Association of Small and Medium Enterprises

2012 Chairman Liu Yanhuai received Industry-Academic-Research Cooperative Innovation Award in China

2011 Chairman Liu Yanhuai named the most influential outstanding innovative leader in China

Chelydra Percy

Interim GM, Future Products and Innovation

Chelydra is seconded to the role of Interim GM, Future Products and Innovation, from her substantive role as Chief Executive of KiwiStar Optics and Director Special Projects for Callaghan Innovation Research Limited.

As Director of Special Projects, Chelydra was tasked with driving strategic initiatives focused on commercializing technology and building industry-ready innovation and research capability. This included assessing the potential spinout opportunity for a precision optics manufacturing group; developing the business model for a medical devices technology consortium; and an alliance between New Zealand, Singapore and Queensland to set up a hub to showcase emerging technologies. Previously she was Acting Chief Executive for Scion (New Zealand Forest Research Institute), and has held senior roles in the energy, communications technology and telecommunications sectors. Chelydra graduated from Victoria University of Wellington with a Bachelor of Laws and Bachelor of Arts (History).

Donghua Zhu

RESEARCH INTERESTS

Technology Opportunities Analysis, Technology Forecasting, Patents Analysis, Data Mining, Management Information System, Natural Language Processing

EXPERIENCE

Beijing Institute of Technology, Beijing, China

- Full-Professor, tutor of doctor, 10/2001 – now
- Director of the Laboratory of Knowledge Discovery and Data Analysis, 07/2002 – now
- Member of the Academic Committee of Beijing Institute of Technology, 06/2003-now
- Vice Dean of School of Management and Economics, 06/2006-now
- Vice Chairman of the Academic Committee of Humanities and Social Sciences, Beijing Institute of Technology, 2009-now
- Chinese Director of the BIT-GT-UOM Innovation Co-Laboratory, 03/2011-now
- Executive Vice Dean of Academy of Industry and Information Technology Integration, Beijing Institute of Technology, 04/2012-now
- Chairman of the International Conference on Innovative Methods for Innovation Management and Policy (IM2012), 05/2012

Technology Policy and Assessment Center, Georgia Institute of Technology, USA

- Consultant of the NSF project--MOTI - Management of Technology Innovation, 06/2001 – 09/2001

- Guest Senior researcher, 05/2001 – now
- Visiting scholar, 01/1996–01/1999
- Researcher of computer systems analyst for the TOAS (Technology Opportunities Analysis Systems) project, 06/1996–07/1996

United Nations Development Programmed, Field Office in P.R.China, Beijing, China

- Consultant， 07/1996

Hefei University of Technology, Hefei, China

- Senior researcher, full-professor, 12/1994 – 10/2001
- Tutor of doctor, Management Science and Engineering, 05/2001
- Director of IFD (Institute of Forecasting and Development), 06/1999 – 10/2001
- Vice-dean, School of Management, 06/1999–07/2000
- Deputy Director of IFD (Institute of Forecasting and Development), 06/1993–06/1999
- Associate professor, 12/1992–12/1994
- Director of Science Policy and Information System Research Division, IFD, 06/1990–06/1993
- Research associate, IFD, 07/1987–06/1990

University of Science and Technology of China, Hefei, China

- Master's degree of Mechanical Engineering, 09/1984 – 09/1987
- Bachelor's degree of Mechanical Engineering, 09/1979 – 07/1984

PROFESSIONAL ACTIVITIES

- Guest Senior Researcher of Georgia Institute of Technology, USA
- Guest Professor of National Science Library, Chinese Academy of Sciences
- Board Member of the Academic Committee of Beijing Institute of Technology
- Board Member of Young Scientists Committee of Systems Engineering Society of China

- Board Member of Science of Science and Science Policy Society of China
- Technology Expert of Science and Technology Committee of Beijing 2008 Olympic Games
- Evaluation Expert of Ministry of Industry and Information Technology of China
- Member of China Ordnance Society Management Committee of Military Technology
- Member of the Systems Engineering Society for Science and Technology of China
- Member of the development strategy of long-term science and technology research expert group for Ministry of Science Technology of China
- Member of TCMVFL (Multiple-Valued and Fuzzy Logic), Computer Federation of China
- Editorial Committee of Journal of FORECASTING
- Editorial Committee of Journal of DATA ANALYSIS
- Editorial Committee of Journal of SCIENCE FOCUS

UNDERTAKE PROJECTS

- "Hi-technology Monitoring and Analysis Methods based on Intelligent Knowledge Mining", Key project of National Natural Science Foundation of China;
- "Monitoring Analysis Method of Strategic Industrial Technology Development", National Soft Science Research Program;
- "Development Trend of Foreign Foundation of Science and NSFC Management Strategy", Commissioned project of National Natural Science Foundation of China;
- "Developing Data Mining Methods for Monitoring Technology Innovation", NSFC key project DMMMTI;
- "Management of Science and Technology and the Construction of Innovation Base for National Defense Mobilization", 985 Projects;
- "National Defense Science and Technology Management", 985 Project of Ministry of Education;

- "Technology analysis of Olympic Games in Sydney", Project of Beijing Municipal Science & Technology Commission;
- "Management Mechanism, Affect Evaluation and Information Platform of Olympic Games", Key project of National Natural Science Foundation of China;
- "Analysis of inauguration and closure of large-scale gymkhana". Project of Beijing Municipal Science & Technology Commission;
- "Research, develop and application of China Basic Research Management Information System", Key project of Department of Basic Research of Ministry of Science & Technology of the People's Republic of China;
- "Research on inspecting and anglicizing of High Tech based on intellectualized knowledge mining", Key project of the National Natural Science Foundation of China;
- "Technology Opportunities Analysis Systems (TOAS)", Program of U.S. Department of Defense;
- "Mining Bibliographic Information on Emerging Technologies" U.S. National Science Foundation.

HONORS AND AWARDS

- The Prize of Science and Technology Progress of State Education Commission, 1990;
- Comprehensive Assessment for Prior Research Fields in China's Universities and Colleges, 1990;
- The Outstanding Young Researcher of MBEIC, by Ministry of Machine-Building and Electronic Industries of China, 1991;
- The Outstanding Scientist of China, 1993;
- Perpetual Special Allowance by China's government, 1994;
- The Second Class Prize of Science and Technology Progress of National MBEIC, 1996;
- The Outstanding Young Scientist Research Found by Huo Yingdong Foundation, 1996;
- "Excellent teacher in Peking City", 2004;

- Third prize of Beijing Science and Technology, 2005;
- Third prize of Beijing Science and Technology, 2006;
- New Century Excellent Talent Support Program of the Ministry of Education, 2006;
- Third prize of national defense science and technology, 2008;
- High-tech Olympics advanced individual awarded by The Science and Technology Committee of the 29th Olympic Games, 2008;
- Member of Olympic advanced group awarded by The Science and Technology Committee of the 29th Olympic Games, 2008.

2. Key outputs

2.1 Changzhou Declaration

2013 APEC Workshop on Innovative Service Chain Based on Information Technology

FINAL PROPOSALS

A two-day workshop on Innovative Service Chain Based on Information technology was held in Chongqing, China on February 26-27, 2013. To further promote multi-lateral collaboration in innovation, the workshop participants had come to the conclusion that a network platform between APEC economies should be established by comprehensively integrating innovation resources to facilitate technology innovation cooperation between SME, academia and government of the of APEC economies. It is a platform to share ideas and successful technological innovation models and allow SMEs to access information of technology innovations to enhance their market competitiveness. In this regard, the participants proposed to establish the "Information Technology-Based APEC Innovation Service Alliance" (the 'Alliance' hereafter) with the following proposed ideas:

1. The APEC Innovation Service Alliance aims to be a regional driving force in bringing together technology developers, academia and enterprises to help enhance multi-lateral cooperation in order to speed up information dissemination of technology trend, evaluation methodologies and investment opportunities. Thereby it will achieve effective linkages through this network services platform.

2. The Alliance promotes integration of innovation resources in the APEC economies by forming a network of science and technology intermediary service agencies to offer support services to SMEs. It is an information hub of valuation tools, talents, IP protection and support funding covering the value chain from technology development to enterprises adoption.

3. Based on this workshop, APEC Innovation Service Alliance also acts as a platform of cooperation and exchange to science and technology intermediary service agencies amongst APEC economies.

4. The Alliance will facilitate multi-lateral regional innovation service sector collaboration in promoting commercialization of innovative technologies for product and process development and explore feasible models of cooperation in supporting sustainable regional economic growth.

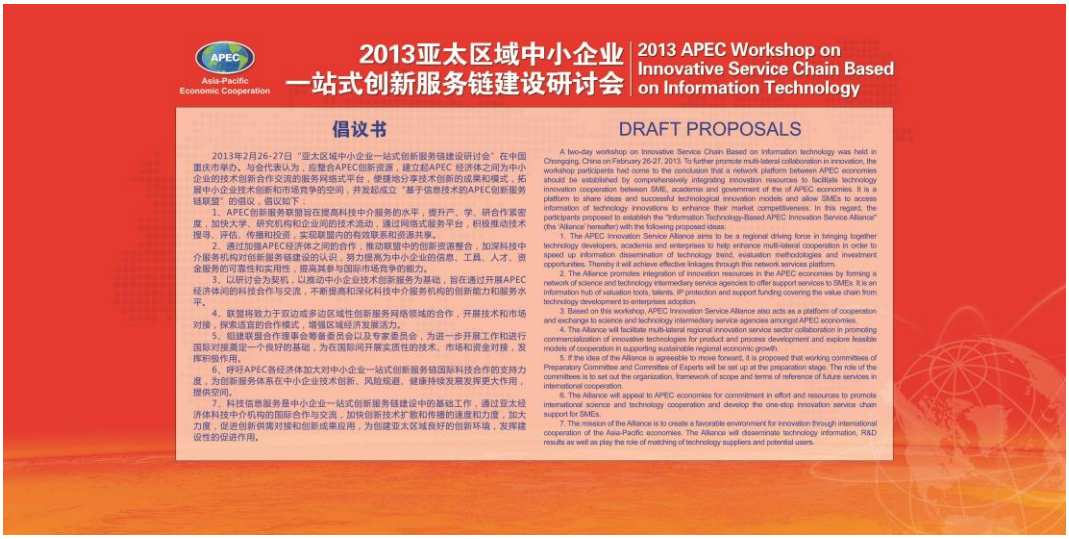
5. If the idea of the Alliance is agreeable to move forward, it is proposed that working committees of Preparatory Committee and Committee of Experts will be set up at the preparation stage. The role of the committees is to set out the organization, framework of scope and terms of reference of future services in international cooperation.

6. The Alliance will appeal to APEC economies for commitment in effort and resources to promote international science and technology cooperation and develop the one-stop innovation service chain support for SMEs.

7. The mission of the Alliance is to create a favorable environment for innovation through international cooperation of the Asia-Pacific economies. The Alliance will disseminate technology information, R&D results as well as play the role of matching of technology suppliers and potential users.

All the Workshop Participants

February 26-27, 2013



2.2 Contractor Summary Report

Project Name: APEC Smart City Industrial Technology Cooperation Forum

Project Number: IST 02/2012A

Summary Report

Author: Yanhuai Liu

Introduction and Background

Based on the statistics, the APEC region has become a key player in the international trading arena. The share of the region's exports in total world exports rose from around 40% in 1990 to 46% in 2011 (Figure 2). The data show that APEC region become the main engine of global growth.

Figure 1. World Trade to GDP Ratio

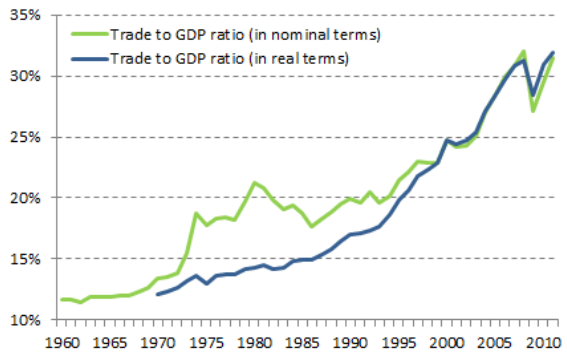
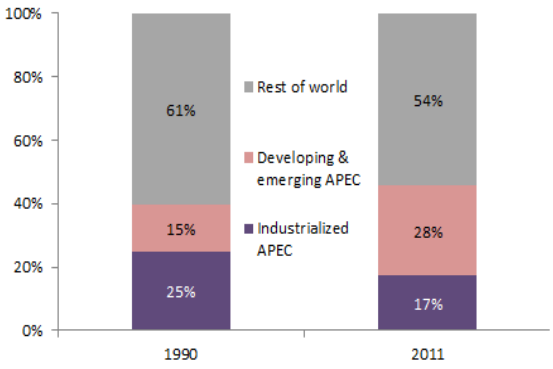


Figure 2. Share of Total World Exports



Source: World Bank, World Development Indicators and APEC PSU calculations

To keep APEC region sustainable growth, the innovation service should be strengthening.

It points to the fundamental changes taking place in the nature of innovation: no longer viewed as purely technological, but rather how firms exploit new technologies, not only to develop new products and services, but also new channels to market, new business processes, new organisational structures and new business models.

To integrate such innovative services, we do not only require lots of information technology innovation and industrialization, for example, collect and process information, in "real time", and to act upon changing circumstances, but also transformative the concept of innovation service, such as Knowledge Intensive Business Services(KIBS) that collaborate closely with

customers to help upgrade their technology, organisational processes, and business models as well as transfer knowledge and experience across sectors.

This project is a cooperation service project between multiple APEC economies, it will improve cooperation in information technology and digital economy, which specifically and significantly contributes to promoting regional economic integration

To ensure the quality the project and setup a long-term mechanism to keep the effects after workshop, a working committee of Preparatory Committee is proposed.

Research Work

To finish the task successfully, I did following work:

- Read more than 30 technical papers or surveys from Europe Innovation, BIS, ABAC. Most papers give ideas how to build innovation service or service model.

- Talk with 20 experts which are mainly come from APEC economies, for example, Zhu Donghua, full-professor from Beijing Institute of Technology, China; Chelydra Percy, General Manager Future Products & Innovation from Callaghan Innovation Research Limited, New Zealand, Mak Tang, Executive Director, Hong Kong Productivity Council. All of them give very good ideas for building innovation service chain both from academic and industrial views.

- Investigate 60 intermediary agencies that are mainly come from APEC economies, for example, HKPC, Hong Kong, a famous agency; PARC, USA, a research and practicing open innovation companies.

- Discuss with officials from multiple APEC economics, such as MOST, China; MIMAROPA Region, Philippines.

- Talk with around 80 participants from APEC economies, which include almost all speakers in the two workshops and many intermediary participants.

Conclusion

The research questions can give following answers:

- Whether the market needs this kind of innovation service chain?

  Yes, innovation service chain for sharing the region-wide partnership is an urgent work. We need an intermediate network to connect SME and market.

- What is the objective of innovation service chain?

The innovation service chain will work on a platform on connectivity. It will improve the service ability of less developed economies.

- How to build this innovation service chain?

- The innovation service chain will be build based on the cooperation among government, industry, institutions and SMEs. The main body will locate in the intermediary.

- Firstly set up working committees of Preparatory Committee and Committee of Experts. Secondly select 3-4 agencies from APEC economies do demonstrations.

3. Key outcomes

3.1 Participant Statistics

- Number of total participants: around 320 participants in total.
- Number of participating economies inside APEC: 11 member economies.
- Number of speakers: more than 20 speakers from 11 different member economies and more than 50% from developing economies.
- Number of participating women: more than 150 women from 9 different economies and at least 80% from developing economies.
- Number of participating intermediary experts: more than 100 technical experts to join the activities.

3.2 Media News

Many portal news websites reported the forum news, for example:

The website of Ministry of Science and Technology of People's Republic of China

http://www.most.gov.cn/kjbgz/201303/t20130314_100169.htm

English | 公务部相 | 加入收藏

中华人民共和国科学技术部
Ministry of Science and Technology of the People's Republic of China

站内搜索

首 页 | 组织机构 | 新闻中心 | 信息公开 | 科技政策 | 科技计划 | 办事服务 | 公众参与 | 专题专栏

当前位置：科技部门户 > 新闻中心 > 科技动态 > 科技部工作

www.most.gov.cn

【字体：大 中 小】

亚太区域中小企业一站式创新服务链建设研讨会在重庆召开

日期：2013年03月15日　　来源：科技部

“2013亚太区域中小企业一站式创新服务链建设研讨会”于2月26-27日在重庆市举行。此次研讨会由科技部国际合作司、科技部火炬中心、重庆市科委和重庆市经济信息委共同主办，中国生产力促进中心协会、中国太平洋经济合作全国委员会对外经济技术合作委员会和重庆市生产力促进中心共同承办。科技部副部长曹健林和重庆市人民政府副市长吴刚出席开幕式。

曹健林副部长在开幕式上介绍了现阶段我国中小企业发展的大环境，指出近年来我国企业R&D投入得到大幅提高，希望中小企业继续加大研发投入，通过技术与创新提高自身的竞争力和发展潜力。吴刚副市长指出科技创新是中小企业发展的不竭动力，希望与会嘉宾广泛交流、深入对接，创造更多的机会，共同为开创亚太区域科技与经济发展的美好明天贡献力量。

此次研讨会主题为“信息服务与创新”，来自12个APEC经济体的200多名代表围绕技术信息资源服务中小企业创新的手段和模式、技术信息分析和咨询的标准化、信息资源挖掘与整合等议题，交流创新服务的新模式与新技术，探讨与地区发展多样性特点相适宜的标准化与差异化服务方式及创新服务链建设的总体框架。参会代表包括政府官员、专家、商会及相关企业的与会人员。

中国生产力促进中心协会理事长石定环宣读了发起成立“基于信息技术的APEC创新服务链联盟”的倡议书，倡议建立一个APEC经济体之间的网络式服务平台，加快大学、研究机构和企业之间的技术流动，便捷地分享技术创新的成果和模式。会后，参会代表参观了重庆中小企业一站式服务平台和重庆五里店工业设计科技园。

科技部国际合作司参赞刘俊、商新司巡视员耿战修、科学技术交流中心副主任王艳、火炬中心副局级调研员段俊虎、外交部国际经济司参赞谢云亮等出席此次研讨会。

本次研讨会是2013年在中国举办的APEC框架下的一次重要科技活动，对构建区域技术创新服务链、促进企业合作与发展具有积极的实践意义。

打印本页　　关闭窗口

2013 年 11月 9 日 星期六　订阅CHINADAILY手机报　用户名

CHINADAILY 国际频道　中国文化

中国日报

首页 | 国际 | 中国 | 财经 | 评论 | 博览 | 军事 | 体育 | 图片 | 娱乐 | 时尚 | 明星 | 服饰

周边·亚太 | 北美·欧洲 | 中东·中亚 | 非洲·拉美 | 中外关系 | 国际组织 | 时政专题 |

亚太区拟建立联盟为中小企业提供“一站式”服务

2013-02-26 16:31:23 来源：国际在线专稿

打印文章 发送给好友 分享

[提要] 由科技部国际合作司、科技部火炬中心、重庆市科委和重庆市经信委主办的“2013亚太区域中小企业一站式创新服务链建设研讨会”26日在重庆隆重举行。

原标题：亚太区拟建立联盟为中小企业提供“一站式”服务

国际在线消息（记者　陈代泽 谭科艺）：由科技部国际合作司、科技部火炬中心、重庆市科委和重庆市经信委主办的“2013亚太区域中小企业一站式创新服务链建设研讨会”26日在重庆隆重举行。来自全国的部分科技管理部门代表、高新区和生产力中心负责人、创新型企业代表等，以及俄罗斯、印度尼西亚、智利、韩国等18个国家的驻华机构相关官员和专家共聚一堂，为中小企业创新发展建言献策，并联合发起成立“基于信息技术的APEC创新服务链联盟”的倡议，为中小企业提供“一站式”服务。

倡议如下：

1、APEC创新服务联盟旨在提高科技中介服务的水平，提升产、学、研合作紧密度，加快大学、研究机构和企业间的技术流动，通过网络式服务平台，积极推动技术搜寻、评估、传播和投资，实现联盟内的有效联系和资源共享。

2、通过加强APEC经济体之间的合作，推动联盟中的创新资源整合，加深科技中介服务机构对创新服务链建设的认识，努力提高为中小企业的信息、工具、人才、资金服务的可靠性和实用性，提高其参与国际市场竞争的能力。

3、以研讨会为契机，以推动中小企业技术创新服务为基础，旨在通过开展APEC经济体间的科技合作与交流，不断提高和深化科技中介服务机构的创新能力和服务水平。

4、联盟将致力于双边或多边区域性创新服务网络领域的合作，开展技术和市场对接，探索适宜的合作模式，增强区域经济发展活力。

5、组建联盟合作理事会筹备委员会以及专家委员会，为进一步开展工作和进行国际对接奠定一个良好的基础，为在国际间开展实质性的技术、市场和资金对接，发挥积极作用。

今天是：2013年11月9日 星期六　收藏本站 | English | 联系我们

重庆市科学技术委员会
CHONGQING SCIENCE& TECHNOLOGY COMMISSION

坚定不移推动科技与经济
社会发展互融并进

首页 政务信息公开 服务导航 网上服务 科技资讯 政策法规 科技党建 联系我们 搜索

您现在的位置：首页 >> 政府信息公开 >> 工作动态类信息 >> 工作动态

2013亚太区域中小企业一站式创新服务链建设研讨会在我市召开

来自： 办公室、生产力促进中心　发表人： lx　发布文号：　审核人：何平　发布时间： 2013-03-01　浏览数：1292

2月26日-27日，由科技部国际合作司、科技部火炬中心、重庆市科委和重庆市经信委共同主办、重庆生产力促进中心承办的2013亚太区域中小企业一站式创新服务链建设研讨会在我市隆重举行。科技部副部长曹健林、重庆市人民政府副市长吴刚出席开幕式并致辞。来自12个APEC经济体的政府官员、专家、商会及企业代表等共计253人参加了会议。

开幕式上，曹健林副部长介绍了现阶段我国中小企业发展的大环境，指出近年来我国企业R&D投入得到大幅提高，希望中小企业继续加大科技投入，加快科技创新，提高自身的核心竞争力。吴刚副市长指出科技创新是中小企业发展的不竭动力，希望与会嘉宾广泛交流、深入对接，创造更多的机会，共同开创亚太区域科技与经济发展的美好明天。

会议采用主旨演讲、专题研讨、交流互动和企业家圆桌会等形式，围绕技术信息资源服务中小企业创新的手段和模式、技术信息分析和咨询的标准化、信息资源挖掘与整合等议题，交流创新服务的新模式与新技术，探讨与地区发展多样性特点相适宜的标准化与差异化服务方式及创新服务链建设的总体框架。大会还宣读了发起成立“基于信息技术的APEC创新服务链联盟”的倡议，倡议建立一个APEC经济体之间的网络式服务平台，加快大学、研究机构和企业之间的技术流动，促进地分享技术创新的成果和模式。会后，参会代表参观了重庆中小企业一站式服务平台和重庆玉里店工业设计科技园。

本次会议旨在贯彻落实党的十八大和全国科技创新大会精神，加快建设创新型国家，着力构建以企业为主体、市场为导向、产学研相结合的技术创新体系，充分发挥信息资源在推动中小企业发展中的作用。科技部国际合作司参赞刘俊、高新司巡视员耿战修、火炬中心副局级调研员殷俊虎，外交部国际经济司参赞谢云亮，工信部中小企业司处长刘怡，中国生产力促进中心协会理事长石定寰，中国太平洋经济合作全国委员会副会长吴正龙，重庆市科委主任钟志华、市委科技工委书记李天安、市科委副主任潘复生、牟小云、徐青、袁杰和王硕等领导出席会议或相关活动。

文章检索

关键字：

= 文章标题 = 搜索

最新文章

- 关于公示重庆市2013...
- 市科委组织召开2013...
- 沙坪坝区委书记王越...
- 垫江县副县长苏灿辉...
- 丰都县科委与重庆工...
- 垫江区科技官员强县...
- 2011—2012年度视察...
- 全市中药材种植高级...
- 水川着力加强产学研...
- 重庆市药研院制药有...
- 市中药研究院中药材...

最热文章

- 重庆市自然科学奖金计划...
- 引领科技创新的旗帜一盏...
- 引领科技创新的旗帜一叶...

4. Overall Impact and Lessons Learned

4.1 Beneficiaries

Two workshops were held on the both coasts of Pacific, it is consider that the participation came from more widely. SO the beneficiaries are most of the APEC economies.

They join the workshop to share ideas, successful technological innovation models. They knew more to access information of technology innovations to enhance their market competitiveness.

Meanwhile they may extend even to government strategy making.

There are 4 keynote sessions on the workshops

- Keynote speakers from government gave fresh ideas to all beneficiaries that can build the required innovation environment.
- Keynote speakers from research institutes gave fresh ideas to all beneficiaries that illustrate the new models of innovation service industry and the approaches to encourage the industrial and academic involvement.
- Technology session: Integration and standardized service model of Information Technology

  The experts from different APEC economies analyzed the mechanism of innovative elements and standardization.
- Service session: Means and Models of Services to SMEs and Innovative Service Chain Alliance.

The presidents from intermediaries of APEC economies expressed their views how to achieve a seamless connection of innovation information service by the technical means.

The Fellows of PARC show their recent research achievements and point out directions for innovative service chain alliance.

4.2 Disseminations

The disseminate results and/or outputs of projects are as following:

- Cooperation between research and intermediary is realized and commercial negotiations are held between research institutions and enterprises.
- The project report will be sent out to all member economies after activities.
- The participants will spread the knowledge sharing after the activities to all APEC economies or non-APEC economies that joined in the activities.
- Chongqing Proposals point out the step of building innovation service chain.

4.3 Lessons Learned

1. The famous experts/speakers are always very busy, we changed almost 20% speakers and experts from the plan, and it seems that the situation can't be avoided, but the backup plan is very important for the cases.

2. Don't familiar with the APEC reimbursement rules, delay some APEC funding speakers and contractors. We need to read more APEC guidelines and discuss with APEC secretariat as early as possible.

5. Conclusions and Future Work

5.1 Conclusions

The two workshops are a very successful event, which has around 320 participants from world-leading enterprises, famous research institutions and government.

The workshop gives different views from keynote speech sessions.

The speakers and participants discussed the direction of building innovation service chain. Under current world innovation policy, information technology trends, it is a very good chance for entrepreneur, professors, and specialists, deans to communicate and exchange minds. It will improve the cooperation in science and technology innovations with in APEC framework; enhance the discussion among different parties for building innovation service chain.

These workshops are an important science and technology activity in APEC PPSTI (ISTWG). It has practical significance in building innovation service chain together for APEC economies.

Cooperation in developing innovation service industries, form a long term and more efficient mechanism, and meet the development goals of smart, sustainable and inclusive growth.

Clearly, this project is a technology cooperation project between multiple APEC economies. It will improve cooperation in innovation service belonging to information technology and digital economy, which specifically and significantly contributes to promoting regional economic integration.

5.2 Future Work

Based on the achievements of this workshop; continuing more activities in building innovation service chain within APEC framework, for example, new project in PPSTI will be applied with following creativities.

1. One is to hold a workshop about IP under the innovation service chain.

2. The other is a training class about the Information Commissioner of the innovation service chain. The purpose of the training will put on better adapt to local services demand and expand the coverage area of the innovation service chain. That fit “for region-wide partnership to create better quality and more productive jobs.”