

行政院及所屬各機關出國報告
(出國類別：其他)

參加「2011 年回合亞太地區國際比較
計畫國家統計主管會議」實錄

服務機關：行政院主計處

姓名職稱：吳昭明 科長

黃加朋 科員

派赴國家：菲律賓 馬尼拉

出國期間：99 年 5 月 19 日至 5 月 22 日

報告日期：99 年 7 月 15 日

摘 要

購買力平價(Purchasing Power Parity, PPP)統計之編製目的在於取代傳統匯率，改以考慮各國同質產品相對價格水準之購買力平價指標，作為折算各國GDP之依據，以衡量各國實質經濟規模。

聯合國自1965年起推動PPP國際比較計畫(International Comparison Program, ICP)，透過各國實地查價，以計算PPP。ICP至今已舉辦7個回合，回顧以往，雖有IMD、IMF及美國賓州大學等發布我國購買力平價、物價水準及實質GDP等指標，惟資料均係推估數值。以2005為基準年之第7回合ICP計畫改由世界銀行推動，亞太地區統籌單位為亞洲開發銀行，因我國為亞銀會員國，在中央銀行爭取下，首度獲邀參與此項大規模國際計畫，並由本處（第三局）負責執行，亞銀與世銀並先後於2007年與2008年發布亞太地區與全球ICP估計結果。

為配合OECD每3年為一循環的PPP統計，世銀乃規劃本回合以2011年為基準年。本次統計首長會議為2011年回合亞太地區舉辦之首次會議，於2010年5月20日至5月21日假菲律賓馬尼拉之亞銀總部舉行，會中除簡報本回合執行時程，亦就技術議題、資料蒐集軟體及預期結果等項逐一說明，以利各國預先安排所需資源及因應措施。

目 錄

壹、參加緣由.....	2
貳、出席會議經過	3
參、研討重點.....	5
一、全球 ICP 計畫進展.....	5
二、亞太 ICP 計畫之內涵與時程.....	8
三、各國應配合工作事項.....	8
肆、結論.....	9
伍、附錄.....	10
一、與會名單.....	10
二、會議議程.....	11
三、各項作業之預定時程.....	13
四、ICP 計畫簽署同意書之內容(暫訂).....	16

壹、參加緣由

鑒於各國國內生產毛額(Gross Domestic Product, GDP)在進行國際比較時，通常以匯率作為換算依據，折算為同一貨幣單位方能比較，惟匯率係由外匯市場對外交易之外幣供需所決定，若用於一國總體經濟實力展現之 GDP 上，並非適當。經世界銀行(World Bank, WB)及 OECD 等國際機構客觀評估，咸認為以購買力平價衡量各國「實質」發展概況，具有不可取代的地位，因此聯合國自 1965 年起推動以 PPP 為基準的國際比較計畫，迄今已完成 1970、1973、1975、1980、1985、1993、2005 等 7 個回合。

前6回合ICP計畫均以聯合國為統籌單位，2005年回合改由聯合國授權世界銀行推動，涵蓋亞太地區、非洲、拉丁美洲、獨立國協、西亞及OECD/歐盟共計6個區域、146國參與，其中亞太地區由亞洲開發銀行(Asian Development Bank, ADB)負責協調與整合。

由於我國為ADB會員，在中央銀行爭取下，於2003年元月首度獲邀參與此項大規模國際計畫，並由本處(第三局)負責執行，前後歷經查價規格訂定、實地查價、資料檢核等階段，最後由亞銀與世銀分別於2007年與2008年發布亞太地區及全球第7(2005年)回合統計結果¹。

在參與計畫過程中，我國積極配合態度、提交資料品質時效及所提相關建議，甚獲亞銀高度讚賞，同時也藉此與各國統計人員建立良好友誼，有效提升我國統計國際能見度。

為配合OECD每3年一循環的PPP統計，世銀乃規劃第8回合ICP以2011年為基準年，亞太地區仍由亞銀負責協調及整合，我國再度受邀參與。本次統計主管會議²為2011年回合亞太地區舉辦之首次ICP會議，於2010年5月20日至21日假菲律賓馬尼拉之亞銀總部舉行，會中除簡報本回合實地查價、資料檢核等各項執行時程外，亦就理論背景、資料蒐集軟體等議題逐一說明。

¹ 亞銀於 2007 年 7 月發布亞太地區初步統計結果，同年 12 月進一步發布定案統計結果；全球統計結果則由世銀於 2008 年 2 月發布。

² 因適逢我國國民所得第 209 次評審會及資料發布日，第三局局長蔡鴻坤不克出席，改派物價科科長吳昭明與科員黃加朋與會。

貳、出席會議經過

亞銀於今(2010)年 5 月 20 日至 5 月 21 日在菲律賓馬尼拉舉行「2011 年回合亞太地區國際比較計畫國家統計主管會議」，邀請亞銀會員國 (或地區)以及澳門、緬甸共同與會³。會議舉辦主要目的在於介紹 2011 年回合 ICP 計畫之整體規畫。

2010 年 5 月 20 日上午舉行區域諮詢委員會(Regional Advisory Board, RAB)會議，與會者有柬埔寨、中國、香港、印尼、菲律賓、泰國、澳洲統計局、UNSIAP (United Nations Statistical Institute for Asia and the Pacific)、亞銀及世銀代表等，會中除遴選 RAB 主席外，亦討論 2011 年回合之管理架構及作業時程等規劃。

5 月 20 日下午緊接著召開統計主管會議，上午 RAB 與會成員亦同步獲邀出席。會議首先由亞銀 Chief Economist Mr. Jong Wha-Lee 歡迎各國統計主管於百忙中撥空與會，並肯定 2005 年及 2009 年回合執行經驗將是本回合改進的重要參據，此外，本回合計畫執行期間亦請各國繼續給予支持，期望藉由更緊密的合作關係，提升本回合資料品質。

本回合 ICP 計畫的 Global Manager 由 Mr. Michel Mouyela-Katoula 擔任。世銀為提升全球物價資料的整合程度，正與專家研究一些新作法的可行性，例如用來連結各區估計結果的核心產品清單、跨區資料連結方法及機械設備等類別的估計方法均將有所調整。

Mr. Douglas Brooks 為 ADB 的 Assistant Chief Economist，亦於會中說明 2011 年回合亞太地區 ICP 計畫之背景、預期達成目標及執行策略等。

本回合新任 RAB 主席 Ms. Carmelita Ericta(菲律賓國家統計局局長)亦歡迎各國統計主管共同參與本次會議，並簡要介紹 RAB 之成立宗旨、現任成員及組織功能等。本屆 RAB 會員任期自 2010 年至 2013 年，主要職責在於監督計畫執行狀況並決策區域內的相關事務，成員由亞銀遴選，除需具備多次 ICP 計畫參與經驗，亦考量亞太地區人口、經濟規模及文化習俗等差異。

³ 本次與會代表來自孟加拉、不丹、柬埔寨、中國、斐濟、香港、印尼、寮國、澳門、馬爾地夫、蒙古、緬甸、尼泊爾、菲律賓、斯里蘭卡、新加坡、我國、泰國、越南等 19 國以及澳洲統計局、聯合國亞太經社會(UNESCAP)、亞太統計機構(SIAP)、世界銀行及亞洲開發銀行。

5月21日則由ICP計畫負責人Mrs. Chellam針對2011年回合各項作業進行原則性介紹，並主導參與國討論各項細節(例如物價及國民所得之資料規範、產品清單之研擬方式、2011年回合合作架構及「參與同意書」之原則性討論等)。由於部分國家無法達成同意書之要求，亞銀將再針對有疑慮的部分作適度修正，故會議期間各國並未簽署該文件。

本次會議最後在世銀Mr. Michel Mouyelo-Katoula及亞銀Ms. Douglas Brooks、Mrs. Chellam發表多項說明及感謝後結束此次緊湊的議程。

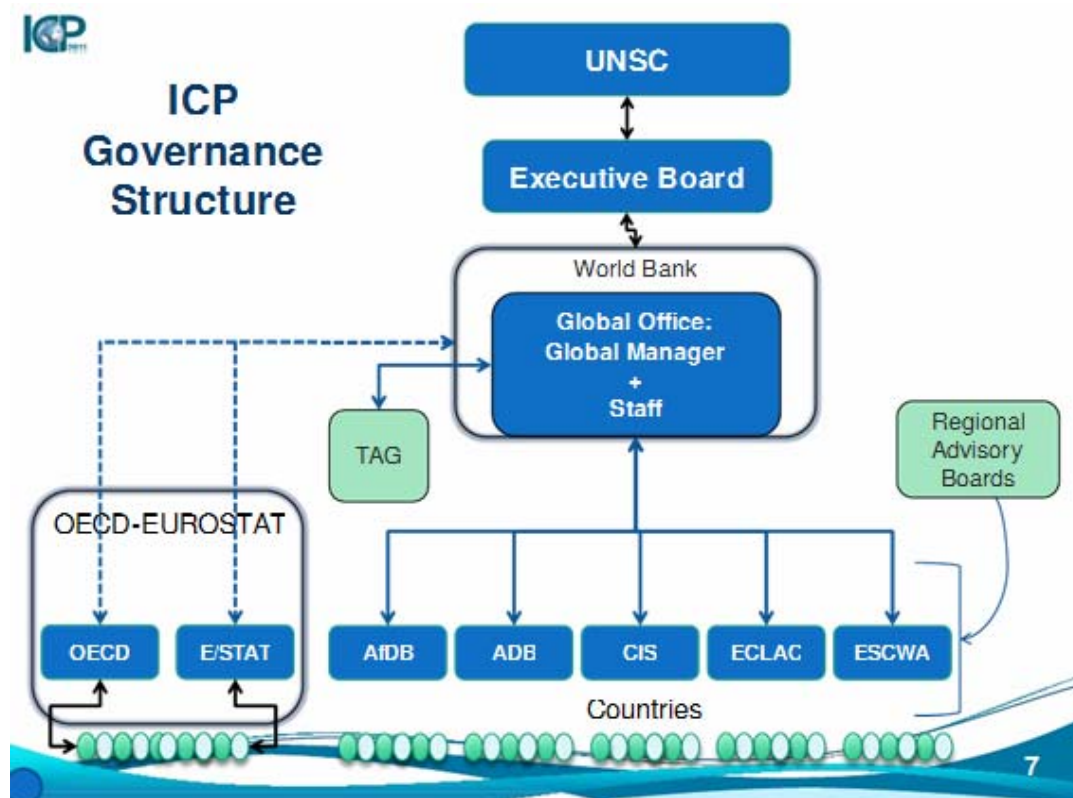
參、研討重點

本次為 2011 年回合第一次 ICP 會議，由亞銀邀集各國統計主管出席，討論重點主要分為全球 ICP 計畫進展、亞太 ICP 計畫之內涵與時程、以及各國應配合工作事項等，茲分述如下。

一、全球 ICP 計畫進展

本回合全球購買力平價國際比較計畫經聯合國統計委員會第 39 屆會議(2008 年 2 月)確認後，授權世銀推動，其下再劃分全球為 6 大區域，分設區域執行中心，負責區域協調與整合，各區域執行中心設有區域諮詢委員會(RAB)，負責決策區域內的事務，並採取「由下而上」的夥伴關係，期獲得各國之參與與支持。執行期間由 2010 年至 2013 年。

圖一、2011 年回合 ICP 全球管理架構



有鑒於 2005 年回合在編算過程與結果上仍存在若干問題，如家庭消費財、營造工程及機械設備報價，易受各國經濟發展程度及品質差異影響，無法同時兼顧可比較性(Comparability)及代表性(Representativity)，致估計結果受到外界質疑，世銀為提高估計品質，與專家刻正研擬引進新的估計方法。由於部分類別之估計方法尚未定案，待日後有明確的討論結果時，將會詳細告知各參與國。目前各類別估計技術之發展概況詳見表一。

表一、2011 年回合各類別估計技術發展概況

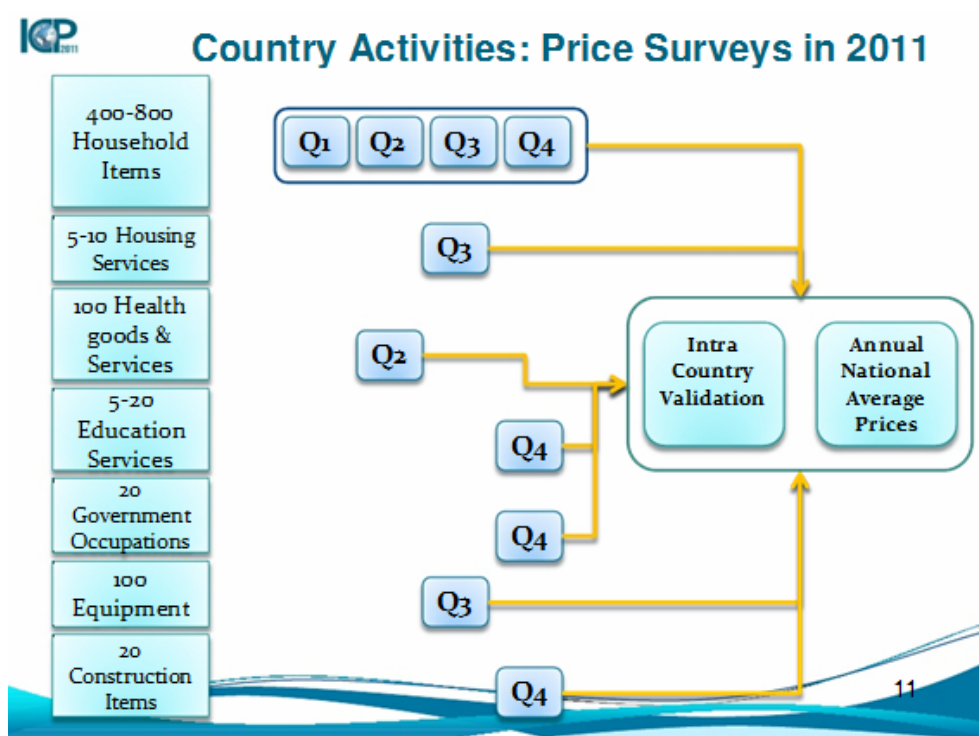
TOPICS	STATUS
1 Owner-occupied housing	Will be decided on June 10
2 Financial services	Adopted
3 Measurement of government outputs	Will be decided on June 10
4 Survey frameworks	Will be decided on June 10
5 Exports, imports & net purchases abroad	Adopted
6 Linking regional PPPs into global results	Ongoing research
7 Construction PPPs	Will be decided on June 10
8 PPP-based poverty analysis	Ongoing research
9 Back-casting and PPP revisions	Will be decided on June 10
10 Sub-national PPPs	Ongoing research

2005 年回合 6 大區域分別建立家庭消費財之查價產品清單(Product list)，藉以確保各自區內物價資料的可比較性。連結跨區估計結果時，為節省人力及經費規模，各區僅選出少數國家作為連結國(ring country)，並利用這些連結國查得之 Global product list 報價資料，連結各區域的估計結果。然世銀於上回合編製經驗中發現，僅利用少數 ring country 連結各區域之 PPP 統計資料，並無法估算出精確的結果。

2011 年回合使用之家庭消費財查價清單亦將以能確保全球資料品質為目標而作部分調整，依世銀目前規畫，所有參與國均須同步調查 Global product list，至於查價項目及其結構化產品描述(Structured Product Description, SPD)則以跨區共有之產品為主。

本回合預估查價項數將擴增至 1070 項(2005 年回合約 800 項)，各分類之查價概況請詳圖二。

圖二、2011 年回合各類別查價時期及報價項數



由於本回合 Global product list 相當重視查價項目之跨區代表性，香港代表 Mr. Fung 請世銀及亞銀亦須同步留意 Global product list 查價內涵在各參與國及各區域之代表性，此外，由於 Global product list 查價項數與產品規格之發展方法 (methodology) 以及是否將使用物價調整因子 (price adjustment factors) 等議題均尚未向參與國說明，建議世銀可另擇時機詳細告知。

泰國代表 Dr. Benyasut 隨後亦發表支持香港之論述，認為各國同步調查以跨區代表性為主之 Global product list，不見得就可確保跨區相對物價水準的正確性，更遑論國與國間物價水準的合理性。由於 Global product list 包含許多各國可查價 (available) 但不見得重要 (important) 的查價項目，以 cheese 為例，亞太各國之 cheese 產品多進口自歐美國家，消費量相對較少且售價相對較高，此一查價規畫將使亞太地區物價水準之估計結果偏高，並進一步造成全球估計結果之偏誤。Dr. Benyasut 請世銀務必確認 PPP 統計之目的、目標使用者 (target user) 以及將來要如何反映查價產品在各國代表性不一等議題。

世銀於會中回應，本回合 Global product list 訂定前，世銀曾將 Ring list 提供給各區域協調者(Regional coordinator，亞太地區為亞銀)，並請之提供意見。除綜合各區域建議外，世銀亦修正有疑義之查價項目，並將 OECD 部分查價項目新增至 Global product list。

由於 PPP 為 OECD 常川辦理之統計調查，產品清單自然相當完備，但其他區域就沒有這種優勢。除了不應偏重 OECD 之意見及產品規格，亞銀亦建議世銀在訂定作業規畫時，應將區域協調者和參與國的作業時間同時納入考量，避免延遲回覆的情況一再重演。

二、亞太 ICP 計畫之內涵與時程

由於 ICP 計畫之核心工作為產品(含服務)報價及支出權數，前者牽涉花色規格、代表性、可比較性、廠商型態等議題，後者則觸及國民會計帳編算細節，為尋求各國共識與資料品質一致，亞銀預定自今年 6 月至 2012 年 9 月召開 8 次工作研討會議，各國須於 2011 年 1 月至 2012 年 5 月展開相關查價工作，並於各年提交上一年國民會計帳編算結果；亞銀於 2012 年底前完成整合亞太各國資料後，全案併入世銀進行全球彙總，預定於 2013 年公布 2011 年回合全球 ICP 編算結果，詳細時程規畫請參見附錄二。

三、各國應配合工作事項

(一) 各國指派一位統籌人員

各國應指派一位統籌人員(National Coordinator)，對內負責督導 ICP 計畫之推動，對外為亞銀聯繫窗口，並應參與亞銀召開之各項研討會議，以及按進度提交相關資料。

(二) 2011 回合參與同意書

新加坡及大陸受限於統計法規等限制，無法依同意書之要求，提供個別物價資料，此外，部分國家亦對個別資料之提供仍存疑慮，亞銀將再針對有疑慮的部分作適度修正，故會議期間各國並未簽署該文件。

(三) 其他

本次會議僅就計畫推動之項目作原則性介紹，相關技術性細節等議題均將留待下(6)月兩次會議中討論。

肆、結論

本次會議為 2011 年回合之首次會議，主要針對即將推動之各項規畫作原則性介紹。由於重要議題(如參與同意書及作業規畫等)在會議召開前均先以 email 告知或已於前次會議中報告，整體而言，會議進行得相當順利。

2011 年回合全球 ICP 計畫將參考亞太及非洲地區 2009 年的執行經驗，持續發展新的查價及編製方法，以進一步改善 PPP 估計品質。查編方法待世銀與專家討論出更明確的結論時，會再正式告知各國代表。我國未來亦將配合全球規畫，研訂國內作業時程。

伍、附錄

一、與會名單

TA No./Title: RDTA 7507: 2011 International Comparison Program for Asia and the Pacific **Title of Workshop:** Meeting of Heads of the National Implementing Agencies

Venue: ADB Headquarters, Manila, Philippines

Period Covered: 20-21 May 2010

Country	Participant	Country	Participant
1 BANGLADESH	Mr. Syed Abu Asad	18 SINGAPORE	Mrs. Wu Wen Chee
2 BHUTAN	Mr. Kuenga Tshering	19 TAIPEI,CHINA	Mr. Chao-Ming Wu
3 CAMBODIA	Mr. Khin Song	20 TAIPEI,CHINA	Ms. Chia-Peng Huang
4 PEOPLE'S REPUBLIC OF CHINA	Mr. WEN Jianwu	21 THAILAND	Dr. Prayoth Benyasut
5 PEOPLE'S REPUBLIC OF CHINA	Ms. SHI Ting	22 VIET NAM	Mr. Nguyen Duc Thang
6 FIJI	Mr. Epli Waqavonovono	23 AUSTRALIAN BUREAU OF STATISTICS	Ms. Judy HENSON
7 HONG KONG, CHINA	Mr. Fung Hing-Wang	24 UNSIAP	Mr. Shuichi WATANABE
8 INDONESIA	Mr. Subagio Dwijosumono	25 WORLD BANK	Mr. Michel MOUYELO-KATOULA
9 LAO, PDR	Ms. Phetsamone Sone	26 ADB	Dr. Jong Wha-Lee
10 MACAO, CHINA	Ms. Wong Teng Yin (Siana)	27 ADB	Dr. Douglas Brooks
11 MALDIVES	Mr. Ismail Shafeeq	28 ADB	Ms. Chellam Palanyandy
12 MONGOLIA	Mr. Bayasgalan Ganbat	29 ADB	Ms. Eileen Capilit
13 MYANMAR	Ms. Lai Lai Thein	30 ADB	Ms. Clair Dalaguit-Truong
14 MYANMAR	Mr. San Myint	31 ADB	Ms. Rhea Ann Bautista
15 NEPAL	Mr. Probodh Sagar Dhakal	32 ADB	Ms. Virginia Gañac
16 PHILIPPINES	Mrs. Carmelita N. Erieta	33 ADB	Ms. Julieta Magallanes
17 SRI LANKA	Mrs. H.D.Euginie Somaratne		

二 會議議程

Heads of National Implementing Agencies Meeting ADB Headquarters, Manila, Philippines, 20-21 May 2010

Agenda

Time Duration	Particulars
Thursday, 20 May	
Session I	Opening Session
13:30 – 13:45	Opening Remarks <i>Jong Wha-Lee, Chief Economist, ADB</i> <i>Chairperson, RAB</i> <i>Michel Mouyelo-Katoula, 2011 ICP Global Manager</i> Introduction of Participants <i>Chellam Palanyandy, 2011 ICP Asia Pacific, Regional Coordinator (RC)</i>
Session II	The 2011 ICP at the Global Level <i>Michel Mouyelo-Katoula, 2011 ICP Global Manager</i>
13:45 – 14:45	Overview of ICP 2011 Governance aspects Technical aspects of ICP Price survey framework System of National Accounts Quality assurance framework ICP Software Data access policy Global Timetable
14:45 – 16:00	Coffee Break Photo Session
Session III	ICP at the Regional Level (ICP Asia Pacific)
16:00 – 16:20	Background on the 2011 ICP Asia Pacific <i>Douglas Brooks, Assistant Chief Economist, ADB</i> Objectives/rationale Expected outputs Capacity building aspects Sustainability issues
16:00 – 17:15	Regional Governance Framework Report on the Regional Advisory Board Meeting <i>Carmelita N. Ericta, RAB Chairperson</i> Regional Workplan (Timetable) <i>Chellam Palanyandy, 2011 ICP Asia Pacific, RC</i>

**Heads of National Implementing Agencies Meeting
ADB Headquarters, Manila, Philippines, 20-21 May 2010**

Agenda

Time Duration	Particulars
Friday, 21 May	
Session IV	ICP at the National Level <i>Chellam Palanyandy, 2011 ICP Asia Pacific, RC</i>
9:00 – 10:30	Data requirements Price surveys GDP expenditure weights 2009 Asia Pacific PPP Updates
10:30 – 10:45 am	Coffee Break
Session V	Product Lists Development <i>Chellam Palanyandy, 2011 ICP Asia Pacific, RC</i>
10:45 – 12:00	Structured Product Descriptions Presentation of preliminary global list Country Workplan
12:00 – 13:30	Lunch break
Session VI	Institutional Arrangement <i>Chellam Palanyandy, 2011 ICP Asia Pacific, RC</i>
13:30 – 14:00	Letters of no objection Framework of Partnership (FOP) Advance Payment Facility
14:00 – 14:15	Coffee Break
Session VII	Closing Session
14:15 - 16:30	Summary of Issues, ADB Concluding Remarks <i>Douglas Brooks, Assistant Chief Economist, ADB</i> <i>Michel Mouyelo-Katoula, 2011 ICP Global Manager</i> <i>Chellam Palanyandy, 2011 ICP Asia Pacific, RC</i>

REGIONAL WORKPLAN (TIMETABLE)

Activities	Responsible Agency	2010												2011												2012												2013						
		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	
2.2.4 Review and preparation of technical comments on the sampling designs	NIA																																											
2.3. Technical discussions on the 2011 ICP methods	NIA/ADB																																											
2.4. Software development for data entry, processing, and analysis; deployment; and, technical support (Feb 2010 – Mar 2012)	ADB/WB																																											
3. DATA COLLECTION AND VALIDATION, and PPP COMPUTATION (Oct 2010 – Jun 2013)																																												
3.1. Conduct of price surveys; data collection and intra-country validation (Oct 2010 – May 2012)																																												
3.1.1. Conduct of price surveys ¹ (optional)	NIA									Optional																																		
3.1.2. Conduct of price surveys for household goods and services (shop items)	NIA																																											
3.1.3 Conduct of price surveys and/or data collection for construction; machinery and equipment; government compensation; health; and education	NIA																																											
3.1.4 Consolidation of prices	NIA																																											
3.1.5 Intra-Country Data Validation	NIA/ADB																																											
3.2 Conduct of Regional data review and validation activities																																												
3.2.1 Development and implementation of data validation guidelines	ADB																																											
3.2.2 Inter-Country and Regional Data Validation	ADB																																											
3.2.3 Conduct of regional data validation workshops/technical meetings/discussions																																												
3.2.3.1 Conduct of regional data validation workshops for household	NIA/ADB																																											
3.2.3.1 Conduct of regional data validation workshops for non-household	NIA/ADB																																											
3.3 Computation and validation of un-weighted PPPs at the basic heading level (Apr 2011 - Mar 2012)	ADB																																											
3.4 Compilation and estimation of 2010/2011 GDP expenditure weights (Oct 2010 – July 2012)																																												
3.4.1 Conduct of training/workshop on national accounts	NIA/ADB											1																																
3.4.2 Estimation of the 2010/2011 GDP weights at the 155 basic headings																																												
3.4.3 Submission and review of 2010 GDP weights at the 155 basic headings	NIA																																											
3.4.4 Submission and review of 2011 GDP weights at the 155 basic headings	NIA																																											
3.4.5 Review and validation of GDP Weights	ADB																																											

四、ICP 計畫簽署同意書之內容(暫訂)

Framework of Partnership Between the Asian Development Bank and [Name of National Implementing Agency] for the Management and Implementation of the 2011 International Comparison Program for Asia and the Pacific

I. Purpose

1. The United Nations Statistical Commission at its 39th session in February 2008 endorsed the continuation of the International Comparison Program (ICP) with reference year 2011. It also mandated that a governance structure that includes an ICP Executive Board (EB), an ICP Global Office (GO) hosted by the World Bank International Bank for Reconstruction and Development, a Technical Advisory Group, regional coordinating agencies, and national implementing agencies.
2. The purpose of this Framework of Partnership (FOP) is to establish the general framework that will guide the program of work between the Asian Development Bank (ADB) hereinafter referred to as the "Regional Coordinating Agency" or RCA and [Name of National Implementing Agency], hereinafter referred to as the "National Implementing Agency" or "NIA") for the management and implementation of the 2011 ICP for Asia and the Pacific (2011 ICP Asia Pacific) in the [name of country]. This FOP will operate under the overall guidelines established in a Memorandum of Understanding between the World Bank International Bank for Reconstruction and Development and Asian Development Bank and will be implemented from 2010-2013, with 2011 as reference year.

II. Background

3. The ICP primarily aims to estimate Purchasing Power Parities to be used as currency converters to compare the performance of economies around the world and provide a common basis to assess progress towards meeting the Millennium Development Goals, especially the reduction of poverty.
4. The ICP is conducted in stages with separate but coordinated comparisons conducted by regions that include: Africa, Asia and the Pacific, Latin America and the Caribbean, the Commonwealth of Independent States, and Western Asia. The European Union Statistics Office and the Organization of Economic Cooperation and Development conduct a separate comparison for their member countries. A final global report presenting results for all participating countries will be prepared by the GO in the World Bank towards the end of ICP 2011.
5. Management and coordination of the ICP is needed at three levels: global, regional and national. Since the ICP is essentially a global undertaking and the technical demands of the data require standard procedures to ensure consistency and data quality in all participating regions and countries, the arrangements provide for effective global management. The components are as follows:

- a. Overall coordination and accountability of the global program is achieved through an Executive Board comprising of representatives of the main stakeholders, including international organizations, regional agencies, and national offices. The EB is responsible for setting goals and objectives as well as the strategic framework and work program for the global ICP, taking into consideration the statistical needs of regional agencies and countries. The ICP Global Office, managed by the ICP Global Manager, will be responsible for global data analysis and dissemination; resource mobilization; program monitoring; and reporting to stakeholders.
- b. In line with the global program, overall coordination, implementation and accountability of the regional program in Asia and the Pacific region is achieved through the Regional Coordinating Agency. The RCA will be assisted by a Regional Advisory Board (RAB) consisting of representatives of the main stakeholders, including the national implementing agencies and international organizations. The RAB will advise the RCA in setting regional goals, priorities, objectives, and work program, taking into consideration the statistical needs of participating countries.
- c. Implementation, overall coordination, accountability, and day to day management of the 2011 ICP Asia Pacific at the national level is realized through the national implementing agencies.

III. Roles and Responsibilities of the Regional Coordinating Agency

6. The key to ICP management lies at the regional level. The Regional Coordinating Agency, will handle daily operational matters, including management, coordination, project development, preparation and implementation of the 2011 ICP Asia Pacific activities at the regional level. The key tasks of the Regional Coordinating Agency are as follows:
 - a. Foster country participation, mobilize resources, and coordinate the national programs
 - i. Establish a regional ICP office with appropriate staff and resources to implement and monitor the program at the regional level to be managed by a Regional Coordinator;
 - ii. Establish a Regional Advisory Board to advise the ICP Asia Pacific Regional Coordinator and to provide a forum for countries to participate in decision making regarding ICP regional activities;
 - iii. Recruit countries to take part in 2011 ICP Asia Pacific, and coordinate efforts of the participating countries through information sharing, training, assistance, and ensure that global ICP standards and timetables are met;
 - iv. Subdivide the region into sub-regions for analytical purposes. Prepare sub-regional product lists and a common regional core list to be priced in the sub-regions. The ICP Global Office will provide necessary methodological and technical assistance;
 - v. Mobilize resources to finance the regional coordination component of the program, if needed;
 - vi. Prepare timetables of activities in consultation with appropriate authorities in participating countries and establish monitoring criteria to signal possible

- delays, budget shortfalls, or technical issues requiring attention and adjustments;
- vii. During the data collection period, the RCA will prepare validation, consistency and diagnostic reports and seek clarifications on data, if necessary, based on the prices and national accounts data and metadata submitted by the national implementing agencies. Any changes in the national data will be incorporated only with the consent of the NIA and will be documented; and
 - viii. Organize and conduct regional workshops to review validation and consistency; and generate diagnostics reports on national prices and national accounts data across countries to evaluate the comparability of results and take corrective actions to improve data quality.
- b. Provide mechanisms to ensure countries take full ownership of the program
 - i. Ensure that ICP national coordination teams which include at least a national accounts expert and a price statistics expert are established in national implementing agencies;
 - ii. Form regional committees, if necessary, representing all stakeholders, in order to: fully involve participating countries in the ICP; ensure that effective communication takes place; promote the use of the ICP; and guide the dissemination of the results; and
 - iii. Assist national implementing agencies in designing their ICP plans of action, which will include the benchmark comparison tasks and follow-up activities deemed necessary to ensure the sustainability of the ICP.
 - c. Ensure countries observe standard data collection and processing as set forth by RCA through collaborative work with the NIAs and the ICP Global Office.
 - i. Determine and develop the lists and structured descriptions of the Asia Pacific and global core products which will be priced by countries;
 - ii. Ensure uniform standards in participating countries regarding: comparable and representative items; price collection and outlet types from where prices will be obtained; recording and documentation; and the overall timetable for the program;
 - iii. Develop a product catalogue of goods and services, with structured product descriptions and price-determining characteristics along with pictures (as applicable). The product catalogue will include the global core list, and the Asia and Pacific regional list (including products which are representative of the sub-regions);
 - iv. Assist countries in the adoption of appropriate sampling designs and survey methods to ensure national representation of products to be priced;
 - v. Determine the sequence of national accounts activities to be implemented to generate detailed GDP expenditure breakdowns; and provide technical support and evaluate national accounts of countries for them to be able to provide the agreed upon breakdown of GDP expenditure weights that are consistent with price data; and
 - vi. Supervise all technical and managerial aspects of the regional program.
 - d. Establish archiving and international data sharing and dissemination procedures

- i. Archive final annual national average prices and basic heading data as well as relevant methodological and metadata as used to prepare the regional results;
- ii. Ensure that the data sharing procedures established by the ICP Global Office are observed per Appendix A; and
- iii. Ensure reasonable adherence to the internationally recommended standards in the presentation of the ICP results before they are made public for their final use.
- e. Liaise with the ICP Global Manager and the other regional coordinators
 - i. Liaise with the ICP Global Manager and other regional coordinators on a continuous basis and attend regional coordinators meetings to share information and best practices; to discuss any outstanding issues; and assess adherence to the agreed upon data quality framework;
 - ii. Provide effective management and a regular exchange of technical information with the ICP Global Office to support the project's overall management and direction; and
 - iii. Inform the ICP Global Manager of technical matters requiring the attention of the Technical Advisory Group at the Global Office.
- f. Compile regional PPPs and undertake analysis of the data and reports
 - i. Process and analyze data from each country and calculate regional PPPs;
 - ii. Publish and disseminate the report; and
 - iii. Promote policy-oriented uses of the data.

IV. Roles and Responsibilities of the National Implementing Agency

- 7. At the national level, implementation of the ICP will be the responsibility of the National Implementing Agency. The NIA, in collaboration with the RCA, will handle daily operational matters, including management, coordination, project development, preparation and implementation of the 2011 ICP Asia Pacific activities at the national level. This will include liaising with the Regional Coordinator to ensure the successful completion of the program. More specifically the NIA will carry out the following tasks:
 - a. Identify an ICP National Coordinator to be the focal point for communications with the Regional Coordinating Agency. A Deputy National Coordinator will also be identified who will be the focal point for communications with the Regional Coordinating Agency in the absence of the National Coordinator. Preferably, one of them will be from the price collection branch and the other from the national accounts branch to ensure adequate coordination of price and national accounts data needs at the national level;
 - b. Participate in regional meetings, at the appropriate level as indicated in the invitation letter by the Regional Coordinating Agency, to prepare for the ICP price collection work and development of classifications to be used for national accounts;
 - c. Provide inputs and assistance in the review and finalization of the Asia Pacific and Global Core lists for the ICP price collection effort;
 - d. Design a comprehensive plan of action for national level activities that will include data collection, editing, and submission of price data as per agreed due

- dates and that will cover the ICP period (2011-2013) and the follow up activities;
- e. Prepare, submit to the Regional Coordinator for review and evaluation; finalize, and implement a survey framework that will produce annual national average prices for the products included in the Asia Pacific list and the Global Core list and compile national accounts estimates to generate detailed GDP expenditures;
 - f. Ensure that data collection is carried out for items with agreed upon specifications, geographic coverage, and outlets to be surveyed;
 - g. Ensure that national accounts activities are carried out in accordance with the 1993 (or 2008) System of National Accounts requirements and according to agreed upon procedures and time schedules;
 - h. Transmit price data according to the basic principles on data access policies as defined in Appendix A;
 - i. Submit to the Regional Coordinator annual national average prices for sub-regional, regional and global core items identified in the pricing lists including appropriate documentation covering the procedures used to determine the average prices as per the agreed upon timetable. The average prices of the global core and regional list will be submitted to the ICP Global Office to be used in linking the regions and computing global results;
 - j. Submit to the Regional Coordinator, Gross Domestic Product (GDP) expenditure estimates at the required level of detail and relevant methodological and metadata report for documentation purposes. These data will also be submitted to the ICP Global Office;
 - k. Participate in the intra and inter-country review of validation, consistency and diagnostic reports of prices, basic heading parities and weights;
 - l. Assist in resolving any queries arising from data analysis by the Regional Coordinator;
 - m. Create national ICP databases and maintain detailed data and metadata archives; and;

V. Other Parties

8. Other Parties may join this collaboration and can be signatories to a revised form of this Partnership with the consent of the original signatories

VI. Timeframe and Termination

9. This Framework of Partnership will be effective from the date when it has been signed by both RCA and NIA and will continue until the conclusion of the 2011 Round of the International Comparison Program [unless terminated in accordance with paragraph [11] below. It is understood that additional areas of collaboration may be identified during the lifetime of this Partnership and successive activities would be supported by a more specific activity agreement that would be signed by both parties to this Partnership, if necessary.
10. This Framework of Partnership may be modified at any time by joint agreement of the parties.

11. This Framework of Partnership may be terminated by one party giving three months notice in writing to the other party.

VII. Miscellaneous

12. Nothing in this Framework of Partnership shall be deemed to constitute a waiver of the immunities, exemptions and privileges which RCA enjoys under the Agreement Establishing the Asian Development Bank and/or bilateral agreements between RCA and member countries.
13. Notwithstanding any provisions to the contrary in this Framework of Partnership, this Framework of Partnership does not represent any commitment with regard to funding on the part of the RCA. Any commitment of funding by RCA, if desirable by both parties will be reflected in separate agreements that would be entered into by the parties to this FOP.

CONFIRMED AND AGREED BY

Asian Development Bank:

_____ (Signature of Authorized Representative)
_____ (Designation)
_____ (Department)
_____ (Date)

[Name of the National Implementing Agency]

_____ (Signature of Authorized Representative)
_____ (Designation)
_____ (Department)
_____ (Date)

Guidelines and Policies for Data Access, Analysis, and Dissemination 2011 International Comparison Program for Asia and the Pacific

The following sections outline the data access, analysis and dissemination policies that will guide the work of the national implementing agencies and the regional coordinating agency which is in line with the Data Access Policy set forth by the ICP Executive Board. The policy guidelines will define the roles of the different organizational levels and will include data access, analysis and dissemination policies and procedures as follows:

- a. Policy: National implementing agencies will be responsible for the basic data collection and editing phases. The RCA will recommend and furnish countries with software(s) that will allow for data entry, editing, review and validation features.
- b. Policy: Each country will be asked to transmit individual quotations (outlet level) or individually reported price transactions for each product being priced to the Regional Coordinator on a timeframe to be agreed upon by the NIAs and RCA. Transmissions should begin before data collection passes the halfway point so that problems of product identification and comparability can be resolved as early as possible in the collection period. If confidentiality legislation does not allow the submission of individually reported prices, two additional requirements must be met.
 - i. For each item being priced for each reporting period, the country is to record the national-annual average price, the number of observations, the minimum and the maximum prices recorded and the coefficients of variation.
 - ii. The individually reported data needs to be preserved in an electronic format so that the Regional Coordinator can review the data to ensure they are consistent with that furnished by other countries. If necessary, the Regional Coordinator will be required to sign the confidentiality statements as required by country procedures
- c. Policy: The Regional Coordinator will use basic national data exclusively for data editing and review purposes that will involve intra- and inter-country comparison and data analysis. The Regional Coordinator will thus perform the following:
 - i. Based on the data submitted, RC will conduct intra-country validation. The National Coordinators will be provided with preliminary findings including data issues and questions about a country's data. The NC will evaluate the comments received and conduct their own investigation on the concerns raised. The activity will allow greater participation of countries in the within (intra) country review and editing process.
 - ii. Dikhanov and Quaranta tables, as well as other standard data editing and validation tools and techniques will be used to perform inter-country validation and evaluate average prices and initial PPPs across countries.

Validation results will be provided individually, and will be collectively discussed with participating countries within the region during conduct of Data Review Workshops

- iii. The Regional Coordinator will not engage in any data revisions without the knowledge and/or approval of the National Coordinator
- iv. Any changes that could be made to product definitions pertaining to the global product list must have the approval of the ICP Global Office.
- d. Policy: National Coordinators will submit expenditure weights at the basic heading level on a timetable to be agreed between the Regional Coordinating Agency and the National Implementing Agencies which should be consistent with the ICP Global work programs
- e. Policy: The Regional Coordinating Agency through the Regional Advisory Board will receive guidance on method/s to be used for GDP aggregation as recommended by the ICP Technical Advisory Group. Approved methods will be communicated to NIAs during conduct of Workshops
- f. Policy: Representatives of countries in the region will take part in the review of the regional aggregations. This will include a review of the national average prices and basic heading PPPs to ensure consistency across the region. The ICP Global Office will participate in this review
- g. Policy: The final PPPs for all participating countries will be published by the Regional Coordinating Agency
- h. Policy: Countries may publish any country level Purchasing Power Parity and related data, subject to any policy of embargo, which individual countries may have, but such publication will not be made until results of the regional comparisons have been published.
- i. Policy: Each region will announce the date the data will be released at least 30 days prior to release. There is to be no pre-release of results to special parties.