

行政院所屬各機關出國報告（出國類別：會議）

參加 APEC 2018 第一次資深官員會議化學對話會議 （APEC 2018 SOM I CD）

服務機關：

經濟部工業局 民生化工組

勞動部職業安全衛生署 綜合規劃及職業衛生組

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出國期間：民國 107 年 2 月 21 日至 2 月 27 日

摘要

2018 年亞太經濟合作會議(Asia-Pacific Economic Cooperation, APEC)第一次資深官員會議(Senior Officials' Meeting I, SOM I)於巴布亞紐幾內亞莫士比港舉行，本次主要參與兩項會議，分別為 2 月 24 日業界預備會議(Industry's Pre-meeting, IPM)及 2 月 25 日化學對話會議(Chemical Dialogue, CD)。

業界預備會議係亞太地區化學工業產業界對話交流平台，針對企業發展困境、實務上所面對之困難及創新研究成果，彙整並草擬具體有效之實施建議，提案於化學對話會議與公部門進行討論，俾達成具體實現之目標。

化學對話會議之召開主要為建立公部門與私人企業對話交流平台，協助亞太地區化學工業產業減少遭受環境及法規之衝擊，並積極面對未來之挑戰，本次會議之重點包括目標一透過擴大及支持區域管理合作與相互承認以促進貿易，目標二提升化學工業作為永續經濟、環境及社會發展創新解決方案提供者角色之認識，目標三促進產業界與政府間有效合作，改善化學品管理及安全使用。

藉由出席本次會議，廣泛收集各國化學品貿易推動進度，不僅可了解亞太經濟體化學品管理走向，並加強化學品管理相關法規與國際調和接軌，促進貿易與區域經濟整合。

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壹、前言與目的

本次出席 2018 年亞太經濟合作會議第一次資深官員會議化學對話會議(以下簡稱 CD 會議)。由於化學工業為跨領域產業，且化學產品為貿易主要產品，影響層面廣泛，CD 會議之目標主要在建立公部門與私人企業對話交流平台，協助亞太地區化學工業減少遭受環境及法規之衝擊，並積極面對未來之挑戰。本次 CD 會議依循去(2017)年所訂之 2017-2019 三個共同目標，就該策略框架進行討論，同時檢視並調整 2017-2019 目標，內容包括：

共同目標一：透過擴大及支持區域管理合作與相互承認以促進貿易

共同目標二：提升化學工業作為永續經濟、環境及社會發展創新解決方案提供者
角色之認識

共同目標三：促進產業界與政府間有效合作，改善化學品管理及安全使用

CD 會議主要關注在法規架構所面對的挑戰，包括平衡貿易保護所帶來之地區發展差距，促進資訊公開及交流，同時加強與國際化學議程(International Chemical Agenda)工作內容之整合，落實聯合國國際化學品管理策略(Strategic Approach to International Chemicals Management, SAICM)之目標等，今(2018)年 CD 會議重點工作包括：

一、確認 CD 會議職責範圍文件 (Terms of Reference, TOR)

二、法規合作及收斂虛擬工作小組 (Virtual Working Group on Regulatory Cooperation and Convergence, VWGRCC)工作報告

三、資料交換虛擬工作小組 (Virtual Working Group on GHS Data Exchange, VWGDE)工作報告

四、年度化學品分類及標示全球調和系統 (Globally Harmonized System of Classification and Labelling of Chemicals, GHS)執行報告

五、區域與個別經濟體法規發展之訊息交換

而我國代表參與本次 CD 會議主要目的如下：

- 一、報告我國協助建置資訊交換網站(GHS Reference Exchange and Tool，G.R.E.A.T)之執行成果及未來修正動態。
- 二、說明我國化學品管理制度的重點執行進度、未來我國相關化學物質資訊要求及相關法規實施期程的規劃。
- 三、收集國際化學品管理新知，加強與各會員體或 APEC 工作小組之合作，進而提升區域性化學品管理發展成效。

貳、行程

日期	行程
107/02/21-22	去程及過境：桃園(出發)→澳洲布里斯本
107/02/23	轉機：澳洲布里斯本→巴布亞紐幾內亞莫士比港
107/02/24	參加會議：業界預備會議
107/02/25	參加會議：化學對話會議
107/02/26	轉機：巴布亞紐幾內亞摩勒斯比港→布里斯本
107/02/27	返程：布里斯本→桃園(抵達)

參、會議過程

今(2018)年 APEC SOM I 化學對話會議假巴布亞紐幾內亞莫士比港港威酒店(Gateway Hotel)召開，2月24日下午召開業界預備會議(以下簡稱 IPM 會議)，並於2月25日正式進行化學對話會議。本次與會代表來自智利、中國大陸、印尼、日本、韓國、馬來西亞、墨西哥、菲律賓、俄羅斯、新加坡、美國、主辦國巴布亞紐幾內亞以及我國等13個會員體之政府與業界代表。本次 IPM 會議及 CD 會議工作重點分述如下：

一、 2月24日 業界預備會議(以下簡稱 IPM 會議)

IPM 會議由 CD 會議之業界共同主席日本化學協會(Japanese Chemical Industry Association, JCIA) Mr. Kazuya Ishii 主持參與會議各項議題之討論，IPM 會議重點摘述如下：

(一) 業界代表介紹及優先關注主題建議

IPM 會議首先就各經濟體以業界之角度提供化學品管理政策最新發展及業界因應可能困難點進行分享與交流，並提出與 CD 會議議程相關之優先關注主題建議，以利業界共同主席持續於後續 CD 會議中提出審視。其中美國與各經濟體主要提出之優先關注主題建議，包括 GHS 全球調和、最佳實務之能量建置及各經濟體法規更新與合作。

(二) CD 會議議程及重點討論

業界共同主席針對本次 CD 會議將提及之各計畫進度更新及新議題等，請業界代表提出建議，確保業界有足夠機會表達立場，預先就 CD 會議議程主題充分討論與準備，討論重點摘述如下：

1. CD 職責範圍文件(Terms of Reference, TOR)
2. 各虛擬工作小組(Virtual Working Groups, VWG)針對最新小組進度與文件更新進行說明，包括法規合作、GHS、資料分交換、海洋廢棄物等工作。
3. SAICM 2020 準備與問卷初稿目前進度說明
4. 各會員國業界代表以業界觀點說明法規最新進度發展

(三) 其他相關議題與新議題提案

美國業界代表提議針對聯合國 SAICM 與永續發展之化學品管理連結提出新議題建議，新加坡與日本業界代表表示支持，認為化學品管理可於循環經濟、生命週期等 2030 年永續發展目標中提出相關貢獻。

二、 2月25日化學對話會議 (Chemical Dialogue, CD)

CD會議由美國小企業、貿易途徑與業界競爭力代表辦公室(US Trade Representative Office of Small Business, Market Access and Industrial Competitiveness) Mr. Bryant Trick 作為政府代表主席，與日本化學協會 Mr. Kazuya Ishii 業界共同主席，共同主持 CD 會議各項議題討論。CD 會議討論重點摘述如下：

- (一) 進行 CTI 優先事宜之符合度檢視，CTI 主席未能參與此次 CD 會議，但透過主席轉達 2018 年的 CTI 目標。秘書處報告行政進度，及 CD 會議職責範圍文件(以下簡稱 TOR)，TOR 需於本次 CD 會議中獲得確認及背書後，遞交給 CTI 大會作為管理次級論壇 CD 會議之管理依據。TOR 主要依據 2017 年提出的版本修改精簡文字，並加入兩條條款，第一，CD 會議之參與最低法定人數至少需超過 14 個會員國代表；第二，2018 年起將會進行每四年一次之 CD 會議進度與成果檢視。此 TOR 將會作為後續 CD 向 APEC 大會報告與評估其會議成效之依據。
- (二) 資料交換虛擬工作小組(以下簡稱 VWGDE)報告進度，表示在 APEC CD 會議範疇下的 GHS 合作與執行進度已於 2017 年向聯合國 GHS 次級委員會(UN Subcommittee of Experts on the GHS, 以下簡稱 UNSCEGHS)報告，並分享後續 UNSCEGHS 彙整國際 GHS 分類物質清單的重要活動，而 2018 年初澳洲也在 VWGDE 次電話會議中提案由 VWG 調查在 GHS 下採用風險管理之可能性，並找出 GHS 系統已採用以風險為基礎的會員國，及目前的做法與相關連結。我國亦已配合提交年度 SmartForm 更新與報告。因 APEC 會員國在 GHS 之執行與調和有相當成功之經驗，VWGDE 將透過 UN 之問卷分享 APEC 之作法與展現目前合作經驗，以作為 APEC 對於 UNSCEGHS 之貢獻；而俄羅斯則在 VWGDE 下提出化學品管理法規系統之 SmartForm 建立各會員國之主要法規

資訊與危害資料等，以供大眾免費取用，減少廠商在進行國際貿易時轉換法規符合度之負擔。後續 VWGDE 將在 GHS 調和及以風險為基礎之管理兩大範疇下持續與 UNSCEGHS 合作協調。

(三) 法規合作及收斂虛擬工作小組(以下簡稱 VWGRCC)依據最新 TOR 徵招政府共同主席，並針對各國進出口化學品通關之相關法規調查已完成調查報告與後續建議之初稿；另外亦分享去年於越南與菲律賓合作舉辦之化學品法規最佳實務能量建置成果與後續優先討論之事項，主要辨識出最佳實務能量建置最關注之議題，包括利害關係人溝通、化學物質清單之建置、法規政策力度之調整與業界因應。後續將進行辦理網路研討會，並在考量 APEC 會員國時區不同之情況，將提供影音檔，以利各會員國實際參與與應用。美國業界同時提出更新之”The Economic of the Importance of the Chemical Industry in the APEC Economies”文件，依據會期間的修訂版，如各會員國未提出任何修訂建議，將會把上呈 CTI 並刊登於 CD 網站中，藉此說明 CD 會議中相關工作之貢獻及重要性。

(四) 俄羅斯於 VWGRCC 中更新其自籌資金計畫 Survey for Review of Chemical Management Regulatory Systems Worldwide 工作進度，說明目前依據前期會議提案，已針對各會員國的法規化學品管理展開調查，因預期整體文件涵蓋各會員國之法規管理資訊將較為繁雜，將建立一份摘要說明以供大會認同與採納。四月底前持續接受評論與建議，後續將於 SOM III 會議中進行報告。

(五) 化學品分類及標示全球調和系統虛擬工作小組(以下簡稱 VWGGHS)針對前次 CD 會議所提出之「APEC 會員國 GHS 法規執行比較」及「GHS 實施理由問卷」兩份文件進行進度說明，文件針對各會員國提出之 GHS 問卷進行彙整並歸納出各國選擇 GHS 版本目前最新實施狀態與 GHS 建構元件選擇之的原因

與必要性，邀請各會員國提出相關建議與評論。文件中指出目前 APEC 會員國間在促進 GHS 之調和與執行上主要面臨的阻礙包含：

1. 各會員國使用之建構元件(building block)不盡相同，且有部分會員國使用其他非 GHS 系統之建構元件；
2. 各會員國使用之版本皆不一致；
3. 各會員國對於相同化學物質之分類有所差異；
4. 法規無法配合最新 GHS 版本進行立即修定，亦無法訂定出明確適用之期程與執行計畫；
5. 會員國間不同主管機關有不同之安全資料表規格

依據調查之結果，澳洲完成最新第九次會員國 GHS 執行報告，將在大會承認後提出給 Ministry Responsible for Trade(MRT)，會中，日本代表對於此兩份文件進展及後續動作提問，美國代表表示將針對各會員國不同之處與執行能量展開建置活動，並表示建議各會員國不同主管機關部會應選派單一窗口進行後續 GHS 之進度調查。該 VWGGHS 持續蒐集 GHS 執行進度與 GHS 執行回應(至 4 月 15 日)。

(六) 我國報告 G.R.E.A.T 網站執行進度，說明新版本已於 2017 年上路，並依據 APEC 網站建置需求建立，同時增加新功能頁面提供最新各會員國執行進度彙整報告，以及建置新的轉換功能，提供歐盟 R Phrase 系統轉換至 GHS H statement 之小工具，至今 G.R.E.A.T 網站已超過 146,000 點擊次數，並於網站平台中提供來自 11 個會員國共 37 種不同語言的標示元件參考資料，後續計畫將持續邀請各會員國持續提供更新；我國 G.R.E.A.T 網站獲得美國及大會之支持與認同。

(七) 俄羅斯代表說明 VWGDE 工作進度與目前 2018 年的工作大項，將持續與

UNSCGHS 進行資料與經驗分享之合作，為提供 GHS 調和與風險管理相關之資訊目前規劃設計平台，後續可透過調查結果整合相關法規資訊，提供業界與各會員國有關 GHS 因應符合資訊參考，預期可從分享資料中找出各會員國須優先關注之物質危害。

(八) 海洋廢棄物虛擬工作小組(Marine Debris VWG，以下簡稱 MDVWG)說明自前次 CD 以來的工作進展，說明 2016 年該主題的政策和實踐建議，並分享 2017 年舉辦的各會議重點結果與 2018 年的工作計畫，包含持續增進政府與金融共同體對於廢棄物的議題認同、持續推廣夥伴關係來改善廢棄物處理基礎建設之投資環境、及更廣泛的 APEC 會員國基礎建設改善等；日本代表分享目前在日本針對海洋廢棄物的業界相關行動，以及相關協會建立與能量建置的安排；目前日本業界透過遠程研究計畫加強相關知識與能量，並與國際組織國際化學工業協會(International Council of Chemical Association, ICCA)、聯合國環境大會(UN Environment Assembly, UNEA)等進行資訊分享、並與非政府組織合作進行塑膠減量與宣導活動等，上述資訊可提供相關部會參考。

(九) 美國業界代表更新有關聯合國 SAICM 與永續發展之化學品管理，並連結於 2017 年，提出新議題建議，表示政府與業界如何合作，及政策制定如何促進業界之永續發展行動，亦是後續的討論方向，新加坡與日本亦表示支持循環經濟、生命週期及永續發展議題，主席請美國、日本與新加坡針對此議題持續提出相關行動建議。

(十) 美國代表針對以風險為基礎之化學品管理系統主題，說明目前法規管理者在實施風險為基礎的管理作為時主要常見的三大挑戰，包含暴露情境與資料的取得、法規制定時執行之法規衝擊影響評估、各會員國間法規合作與認可；預計於 SOM III 會議時法規管理者論壇(Regulator's Forum)展開此主題的能量

建置活動討論，CD 會議主席邀請各會員國屆時進行案例分享與報告。我國發言支持目前挑戰之辨識結果，並表示有興趣獲得更多資訊。

(十一) 新加坡和美國產業代表說明 SAICM 2020 年預備事項及目前 SAICM 問卷初稿，持續推廣 SAICM 目標，並強調各管理機構間整體建置健全的化學品管理計畫，鼓勵各會員國回復問卷，以作為後續符合 2020 年 SAICM 與 2030 年永續發展之貢獻基礎；我國表示支持該行動，並以勞動部職業安全衛生署之化學品管理範疇優先完成 SAICM 目標與相關行動執行符合度之確認與比對，完成問卷之回復。日本亦分享最新 SAICM 亞太地區會議之相關進度與發展，我國非聯合國會員國，雖化學品管理已有相當進展，但無法在 SAICM 大會中貢獻與評論相關 SAICM 目標與作法，將持續投入 CD 會議中相關議題討論，以利蒐集最新國際作法並貢獻我國相關經驗。

(十二) 各會員國分享說明最新化學品法規管理制度，美國代表說明有毒物質控制法案(Toxic Substances Control Act, TSCA)修法後的相關新實施計畫，包含清單的更新以區分市場上仍有在使用之物質與已未使用之物質，與後續優先評估之可能作法。俄羅斯業界代表說明 2017 年最新通過之化學產品安全法技術法規(Technical Regulation on the Safety of Chemical Products)之進度，其中涉及混合物與化學物質之登錄與新化學物質通報程序等新規定；我國亦說明目前職業安全衛生法下目前 GHS 執行進度以及化學品管理相關修法內容。

肆、心得及建議

整體而言，我國會議期間主動與各會員國進行交流，並進一步了解與討論議程及各專案之進度，適時表達支持。已於此次 CD 會議中完成 G.R.E.A.T.網站專案進度報告，APEC 秘書處與美國亦支持我方持續進行 G.R.E.A.T.網站專案。建議持續維護

G.R.E.A.T.網站，提供友善平台以貢獻 CD 會議調和各會員國 GHS 制度之目標。

另外，我國亦說明目前職業安全衛生法下目前 GHS 執行進度以及化學品管理相關修法內容，及我國積極推動 GHS 制度之相關經驗，後續將於 CD 會議或能量建置研討會中持續分享 GHS 推動之成功實務經驗，促進 APEC 會員國間法規與制度調和，國際貿易夥伴之間貿易往來，減少法規衝擊，符合國際期待。

CTI 持續藉由最佳實務推動化學品法規的制定與執行，強調法規推動應遵循 CD 提出之 9 大原則，以達到減少貿易衝擊、資訊透明與以科學為基礎之風險管理，並持續將此項目相關討論納入研討會議程，我國亦應持續參考國際共通性作法，於法規或相關制度推動前進行系統性之衝擊評估與規劃，達到化學品安全管理與促進貿易之雙贏局面。

建議 CD 會議持續觀察了解各國化學品管理法規最新管理現況，密切關注相關議題以適時了解我國化工產業因應自由貿易談判可能面臨的問題，同時持續透過 CD 會議掌握我國重要貿易夥伴與各會員國之法規最新進展，並積極了解與參與法規合作與資訊交換之行動，以利掌握最新化學品管理法規趨勢，廣泛運用國際調和參與的成果，必要時提供協助來輔導我國廠商因應，降低其衝擊，確保廠商權益，同時趨動我國之法規提升與國際接軌。

APEC 現階段仍為我國國際參與的主要窗口及舞台，建議持續積極在 APEC 平台與 CD 會議中向國際拓展交流倡議合作，持續透過 APEC 參與聯合國 SAICM，爭取國際認同與支持。

伍、我方出席會議提供之資料

一、我國化學品管理框架及最新發展

The Chemical Management Scheme and the Update in Chinese Taipei

2018 APEC SOM I 20th Chemical Dialogue
Port Moresby, Papua New Guinea

Introduction

Chinese Taipei keeps abreast of the world trends in chemical management for the goals of the sound management of chemicals throughout their life cycle by 2020 under UN Strategic Approach to International Chemicals Management (SAICM). To achieve the goals, Chinese Taipei has been carrying out the reforms on chemical management regulations and practices. The Occupational Safety and Health Act (the OSHA) governed by the Ministry of Labor (MOL) and the Toxic Chemical Substances Control Act (the TCSCA) governed by the Toxic and Chemical Substances Bureau (TCSB), Environmental Protection Administration (EPA), and several other regulations have been amended or developed to foster the safe use of chemicals to protect human and environmental health.

International and Interagency Coordination on GHS

To align with GHS (United Nations' Globally Harmonized System on the classification and labelling of chemicals), transition to the GHS has been taken place using a three-phase approach. The MOL announced a list covering 3,171 GHS hazardous chemical substances, separately in 2008, 2011 and 2013 and the effective date is on January 1st, 2014.

Full implementation of GHS in workplace was adopted on January 1st, 2016 in Chinese Taipei and one-year transitional period from January 1st, 2016 to December 31st, 2016 has also been expired. Meanwhile Nation Standards CNS 15030 Classification and Labelling of Chemicals aligned its classification and labelling requirements with the GHS fourth revised edition on January 2015. In other words, the fourth revised edition of UN GHS was fully adopted for all hazardous chemicals from January 1st, 2017. This effort strengthens labor's right to know, assures sound management on safe use of chemicals, and brings the workplace safety in line with international standards.

In order to achieve the goals of full implementation, the MOL also provided various kinds of supporting measures. An official GHS website established by the MOL was launched in 2006. It provides 5,200 SDS and label examples made by the MOL for reference, as well as GHS classification results for 9,000 chemical substances. The MOL also developed an expert system for mixtures classification according to the classification criteria and bridging principles of UN GHS purple book. There are over 3,200 users now. In addition, the MOL issued many kinds of propaganda and held seminars for GHS awareness-raising, including posters, flyers, FAQs, training materials, newsletters and

IAN (In a nutshell).

To enhance the implementation and to ensure workers' right to know, a revision of the Regulation for the Labeling and Hazard Communication of Hazardous Chemicals is under drafting. The revision is focusing on clarification of applicable scope, and the provisions on SDS CBI withhold application and correction process and timeline. The draft is expected to be officially announced and promulgated in the middle of year 2018.

Chemical Substances Inventory - TCSI

In 2009, the MOL started up integrated collaborations to establish the framework of source management on chemicals. Since then, the MOL had incorporated relevant information nominated by industries and stakeholders to establish the very first inventory, TCSI, which was announced on December 31st, 2014.

As of August 2015, the second edition of TCSI was official released. The inventory, TCSI, is the only chemical substance inventory of Chinese Taipei. The TCSI lists over 100,000 chemical substances, including three batches of existing chemical nomination held by the MOL before 2014 and another 7,500 chemical substances received and reviewed by the EPA while implementing the latest existing nomination from January to March in 2015. This TCSI has become the cornerstone of further chemical management modernization in Chinese Taipei for the competent agencies to carry out new schemes of chemical management. Moreover, it distinguished the existing chemical substances from new chemical substances within the registration scheme under both OSHA and TCSCA.

Source Management of Chemicals

Article 13 of the OSHA also authorizes the promulgation of the "Regulation of New Chemical Substances Registration and Management", which entered into force on January 1st, 2015. Authorized by Article 7-1 of the TCSCA, the EPA promulgated the "Regulation of New and Existing Chemical Substances Registration", which took effect on December 11th, 2014. Both regulations require the importers and manufactures of new chemical substances to be responsible for the duties of submitting physical-chemical properties and (eco)toxicological data to the authorities. By the end of 2017, about 2,000 registration and pre-confirmation applications (including those cases submitted for grace period in 2015) of new chemical substances have been submitted.

The TCSCA also requires the manufactures and importers to fulfill the responsibility of source registration of existing chemical substances. The phase 1 registration, which requires substances that are listed in the inventory TCSI and the volume above 100kg per year to be registered, has ended on March 31th, 2016. Over 25,000 chemical substances from 170,000 applications have been registered. The information gathered from Phase 1 registration is to be used to prioritize and build the designated substances list in part for subsequent Phase-in standard registration.

In a 2017 WTO TBT notification, the EPA announced a proposal aimed to update the provisions under the Registration Regulation. Major amendments include:

- Harmonizing the information requirements for different tonnage bands between the EPA and the Ministry of Labor.

- Clarifying the quantity that triggers the obligation of the existing chemical substance phase 1 registration.
- Ensuring the consistency of the period of the confidential business information (CBI).
- Requiring annual report of the new and existing chemical substance registered and approved.
- Indicating the calculation of the review period and the extension of the period of supplementation and correction.
- Accepting the written appeal with stated reasons for which the registrant may have concerns over the review result.

Chemical Commodity Importation Pre-Confirmation (CCIP)

To elaborate the chemical substances registration scheme while considering the promotion of economic competitiveness and global trade facilitation, Chemical Commodity Importation Pre-Confirmation (CCIP) was launched by EPA in 2016. The IT platform of CCIP is open to all stakeholders. A user (e.g., a domestic importer (registrant), a TPR, a person from foreign business, or other eligible entity) is able to offer information and confirm the registration requirements for the chemical substances in the imported goods before importing chemical goods in which any chemical substances subject to Article 7-1 of the TCSCA and the Regulation of New and Existing Chemical Substances Registration may be present.

Accordingly the CCIP IT platform serves not only as an interface for companies to meet regulatory requirements under the TCSCA and make compliance check and self-declaration, but also as a base for the future onsite inspection/surveillance of the competent authority. Also users are suggested to keep the supporting documents (e.g., SDS, MOL CSNN website TCSI Search Record Printout, approved document for Scientific Research and Development and/or Polymer of Low Concerns uses, other legal documents approved by related competent authorities, etc.) for future reference during inspection/surveillance. Since the launch of the CCIP platform, over 25,000 commodity have been declared by over 700 different companies. Foreigner suppliers are encouraged to work with the importers or distributors to declare using the CCIP platform.

Other measures in workplace under the OSHA governed by MOL

In addition to hazard communication (GHS) and the new chemical substances registration, three new measures were adopted to protect workers' safety and health in workplace under the OSHA:

❖ **Chemical control banding (CCB) - Article 11 of the OSHA**

With regard to hazardous chemicals with GHS health hazards, the employers shall assess risk degree of the chemicals based on their hazards to health, distribution, quantity of use and other conditions, and adopt management measures according to risk ranking.

A voluntary reporting mechanism was launched to collect company's CCB implementation status by the MOL in 2016. The MOL also provides on-site visit services for small and medium-sized enterprises (SMEs). Up to the end of 2017, the MOL has received over 3,000 voluntary reports

and visited over 2,000 SMEs to provide recommendations for CCB implementation.

❖ **Priority Management Chemicals** - Article 14 of the OSHA

For the priority management chemicals designated by the MOL, manufacturers, importers, suppliers or the employers shall report relevant handling information, to the central competent authority and update annually on regular basis. Presently 601 designated chemicals were announced under this regime. The second batch of the priority management chemicals will be made public for comment before the end of second quarter of 2018.

Up to the end of 2017, the MOL has received over 45,000 reports from handlers in workplace. All information will be further used for exposure assessment and the screening of controlled chemicals.

MOL conducts the evaluation by multiple tiers screen process. First Tier 0 screening has completed in 2016, and 10 chemical substances, which were all subject to CMR, were identified for Tier 1.

❖ **Controlled Chemicals** - Article 14 of the OSHA

The controlled chemicals designated by the MOL, shall not be manufactured, imported, supplied, or provided for workers to handle or use by manufacturers, importers, suppliers, or the employers. Such chemicals with permission from the central competent authority are not subject to this restriction. Presently 18 Controlled Chemicals (Specific chemicals Category 1 and 2) are announced under this regime.

Up to the end of 2017, the MOL received over 120 applications for the controlled chemicals and 76 applications have been approved with sufficient supporting documentation.

Progress and Significances of Regulatory Compliance

The reformation of the chemical management system in Chinese Taipei is important for human health and environmental protection. Nevertheless, Chinese Taipei interagency also recognized that the efficient and effective delivery of management system without excessive burden on industries is equally consequential. To echo the APEC Principles for Best Practice Chemical Regulation, a few measures are applied (the principles to be conformed to are noted in the parenthesis below):

❖ **A new agency for chemical management**

Toxic and Chemical Substances Bureau (the Bureau) under the EPA was established in the end of 2016. The Bureau will take measure to tighten the management of toxic and chemical substances, including the auditing and registration of chemical substances, the source management of chemical substances and interagency coordination. The Bureau will also make efforts to prevent toxic chemicals from entering the food supply system.

(Principle 9)

❖ **Harmonization of TCSI**

To harmonize the TCSI, the TCSCA allows another existing chemicals nomination period to include chemical substances that were imported, manufactured or handled in Chinese Taipei before the regulation took effect. The updated TCSI was announced in August 2015, and over 100,000

chemical substances are included.

(Principle 4, Principle 9)

❖ **The grace period for new chemical substances**

Both the TCSCA and the OSHA allow grace periods to minimize the impacts of the implementation of new regulations. Registrants only needed to fulfil the requirements of small quantity registration, which basically included only the registrant information, the substances identification and the information on their use. The rule was applicable for the new chemical substance manufactured or imported between the effective date and the end of 2015. Up to the deadline, there were over 400 applications for grace period.

(Principle 4, Principle 5, Principle 7)

❖ **Confidential business information (CBI) protection**

The OSHA protects CBI of registered new chemical substance identification automatically, except for safety relevant information. The TCSCA also allows registrants to apply for CBI protection if the prerequisites are met. In addition, the TCSCA will not release any CBI information of substances in phase 1 existing registration. The registrants will be secured by the CBI protection.

In addition, manufacturers, importers, or suppliers that withhold the disclosure of the name, concentration, or manufacturer, importer as well as supplier's name of hazardous chemical ingredients in Safety Data Sheet(s) for the necessity of security or trade secret protection purposes, could provide the related written documentation to the central competent authority for approval. However, hazardous chemical ingredients possessing the designated hazards as specified in the Domestic Standard CNS 15030 Classification cannot apply for withholding the aforementioned SDS disclosure.

(Principle 4, Principle 6, Principle 7)

❖ **Alignment with international standards**

GHS, the harmonized labelling, and SDS format have been introduced. Moreover, according to the registration guidance of the OSHA and the TCSCA, alternative methods, such as testing proposals, Quantitative Structure–Activity Relationship (QSAR), and Read-Across methods are applied to certain required registration items. The alternative methods are arranged to not only reduce animal testing, but also provide possible resolution for the industry to ease the burden of the testing data.

(Principle 1, Principle 4)

❖ **The single registration window**

Even though manufacturers and importers of new chemical substances must fulfill the requirements of both the TCSCA and the OSHA, the authorities established a single window to facilitate the dossier submission processes. The registrants only need to submit their application through the single portal. Both agencies have to carry their assessment duties required by laws. Currently for small quantity, simplified and standard registration, the MOL and the EPA will consult with each other and issue review results together.

(Principle 1, Principle 9)

❖ Supporting Measures

The EPA and the MOL have been holding seminars for industries to fully raise awareness and understanding to mechanisms set by regulations. A Helpdesk was established for technical support and regulatory advice. Guidelines and FAQs were also released and updated frequently based on the feedback received. Furthermore, the authorities value comments from stakeholders. Opinions received from public consultation were taken into account during the process of the regulation amendment. Also, the authorities look for feedbacks and encourage all stakeholders to comment continuously.

- Held over 80 seminars for new chemicals registration and phase 1 existing chemical registration.
- Held more than 25 seminars for GHS, CCB, priority management and controlled chemicals.
- Released 9 guidance/FAQs to public regarding source management, CCIP and registration.
- Released 10 training materials and IAN for new chemical substance registration, GHS, CCB, priority management and controlled chemicals.

(Principle 6)

Further Information

- ❖ MOL GHS/CCB/PRoChem website
<http://ghs.osha.gov.tw/>
- ❖ MOL CSNN Chemical Substances Registration Management website
<http://csnn.osha.gov.tw/content/home/NewsEng.aspx>
- ❖ TCSI Search
https://csnn.osha.gov.tw/content/home/Substance_Home.aspx
- ❖ EPA Chemical Substances Registration Platform
<https://tcscachemreg.epa.gov.tw/Epareg/content/masterpage/index.aspx>
- ❖ EPA Chemical Commodity Importation Pre-Confirmation (CCIP) Platform
<http://chemreg-border.epa.gov.tw/>
- ❖ MOL Chemical Management Technical Focal Point (Safety and Health Technology Center, SAHTECH)
<http://www.sahtech.org/>
TEL: 886-6-293-7770 FAX: 886-6-293-8810

References

- ❖ MOL (2013). Occupational Safety and Health Act.
- ❖ MOL (2014). Regulations for the Labeling and Hazard Communication of Hazardous Chemicals.
- ❖ MOL (2014). Regulations Governing Designating and Handling of Priority Management Chemicals.
- ❖ MOL (2015). Regulation of New Chemical Substances Registration and Management.
- ❖ EPA (2013). Toxic Chemical Substances Control Act.
- ❖ EPA (2014). Regulation of New Chemical Substances and Existing Chemical Substances Registration.

二、 G.R.E.A.T.專案網站之更新

Update on the G.R.E.A.T. Project

2018 APEC SOM I 20th Chemical Dialogue
February 25, Port Moresby, Papua New Guinea

Background

The APEC GHS Clearinghouse Website Project (the GHS Reference Exchange and Tool (G.R.E.A.T.) Project) was established to facilitate international GHS implementation and international trade. With support from APEC economies, Chinese Taipei developed the GHS Clearinghouse Website to provide GHS labeling elements and relevant information from member and non-member economies around the world. The website was launched in May 2010. Currently Chinese Taipei serves as the webmaster to maintain the website.

Progress to Date

In the past few years, Chinese Taipei continued to update and maintain the G.R.E.A.T. website with APEC member economies' kindly supports. As of January 2018, there have been over 146,000 visits to the website. According to the endorsements by the CD in Peru in February 2016, a newly refurbished G.R.E.A.T. website has launched since early 2017. The G.R.E.A.T. website was revised to align with APEC new website guidelines and was established with a new translation function from EU R phrase to GHS H statement and a new page for the progress of UN GHS harmonized classification. According to the suggestion from APEC Secretariat, all of languages sorting format had been consistence with APEC official website. In addition, other significant developments of the G.R.E.A.T. website were as follows.


- ❖ Upload APEC member economies' annual GHS Implementation Reports from 2011 to 2016 collected by Australia.
- ❖ Furnished GHS labelling elements in 37 kinds of different languages, including 11 languages from 11 member economies (Australia, Chile, People's Republic of China, Indonesia, Japan, Republic of Korea, Malaysia, Philippines, Russia, Thailand and Chinese Taipei) and 26 languages from European countries.
- ❖ Updated the template version of GHS labelling elements provided by G.R.E.A.T. website to GHS Rev. 4, 2011 in consideration of member economies' GHS implementation progress.
- ❖ Provided links to website of status and update of GHS implementation from economics, such as UNECE GHS webpage, OECD eChemPortal and Japan CHRIP and NITE GHS information.

Next steps

To facilitate successful implementation of GHS, we encourage member economies to provide updates and GHS labeling elements in different languages, as well as the update of GHS implementation status, timeline and GHS resource web links from member economies. Chinese Taipei offers to continue to host and maintain the G.R.E.A.T. website as our support to APEC CD Shared Goal 1 MRT's Instruction of 2016 Progress Update, and international GHS implementation.

References

- ❖ APEC GHS Clearinghouse Website Project (the G.R.E.A.T Project)
<http://great.osha.gov.tw/ENG/index.aspx>
- ❖ GHS Introduction Website (English):
http://ghs.osha.gov.tw/ENG/masterpage/index_ENG.aspx
- ❖ GHS Technical Support (SAHTECH) and Focal Point
TEL: 886-6-293-7770 FAX: 886-6-293-8810
- ❖ Occupational Safety and Health Administration (OSHA), Ministry of Labor (MOL)
TEL: 886-2-8995-6666 FAX: 886-2-8995-6665
- ❖ The G.R.E.A.T. Project Overseer Contact: apec-great@osha.gov.tw Jean Chen (Ms.)








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Advancing Free Trade for Asia-Pacific Prosperity

GREAT Website

- GHS Reference Exchange and Tool (G.R.E.A.T.) - a Standard Element Clearinghouse

The goal of this GHS clearinghouse website (named the "GHS Reference Exchange and Tool, G.R.E.A.T.") is to collect and provide GHS information by collaboration with focal point(s) of member economies.

This "G.R.E.A.T." website covers the GHS labelling elements in local languages including (1) hazard class and category, (2) pictogram (Symbol), (3) signal word, (4) hazard statement, and (5) precautionary Statement.

We encourage member economies GHS focal point(s) to provide the GHS labelling elements in different languages or update status.

Webmaster: Chinese Taipei GHS Focal Point. (contact us: apec-great@osha.gov.tw)

2016 Update: Progress on the Implementation of GHS in APEC Economies
HISTORY At the 7th Chemical Dialogue (CD) meeting in Peru in 2008, the report of the Virtual Worki...

2015 Update: Progress on the Implementation of GHS in APEC Economies
HISTORY At the 7th Chemical Dialogue (CD) meeting in Peru in 2008, the report of the Virtual Worki...

GHS Reference Exchange and Tool (G.R.E.A.T.) Website – a Standard Element Clearinghouse
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陸、附件

一、業界預備會議議程

**Industry Pre-Meeting: Agenda
20th Chemical Dialogue (“CD20”)**

*February 24, 2018; 14:30-18:00
Jackson Room 1&2, Gateway Hotel
Port Moresby, Papua New Guinea*

14:30 – 14:45	AGENDA ITEM 1	INTRODUCTIONS
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1.A. **Industry Co-Chair Introduction** *Industry Co-Chair*

Mr. Kazuya Ishii, Executive Director of the Japanese Chemical Industry Association (“JCIA”), will convene the first Industry Pre-Meeting (“IPM”) of 2018 in advance of the 20th meeting of the Chemical Dialogue (“CD” or “Dialogue”) to be held the next day, February 25, 2018, in Port Moresby, Papua New Guinea. He will introduce himself and provide a brief overview of the day’s discussions.

1.B. **Welcome from Papua New Guinea** *Representative of Papua New Guinea*

Representatives from Papua New Guinea will provide an introduction to the IPM as well as the SOM1 set of meetings.

14:45 – 15:15	AGENDA ITEM 2	Identification of CD Priorities & Current Challenges from Each Member
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The Industry Co-Chair will moderate this discussion. They will begin by identifying their key priorities for the CD discussion. They will then go around the table and ask each delegate to:

1. introduce themselves;
2. identify specific challenges being faced by the chemical industry in that economy;
and
3. identify priority items for that delegate on the CD’s agenda.

15:15 – 15:45	AGENDA ITEM 3	Review of CD Agenda and Industry Priorities
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The IPM will discuss specific items on the CD’s agenda. The goal is to agree to an industry position on the key agenda items and to ensure all industry representatives have an opportunity to express their positions. This is not intended as a discussion of every CD item and will not serve to repeat the full scope of what will be discussed at the CD.

3.A. **CD Terms of Reference (CD Agenda Item 2.C)** *Industry Co-Chair*

The CD is in the process of finalizing revisions to its Terms of Reference (“TOR”) as first discussed at CD19. These revisions are intended to comply with the CTI’s mandate for each sub-fora to regularly review its TORs. The Industry Co-Chair will discuss any changes proposed intersessionally and seek comment from the IPM on any needed revisions.

3.B. Reports of Virtual Working Groups

The CD conducts most of its work through a series of virtual working groups (“VWGs”). Industry representatives of these VWGs will seek industry input on any items of note from their work since SOM1. These reports are intended to:

- Summarize any documents being tabled at the CD;
- Seek industry input on any updates since CD19 (SOM2 2017); and
- Seek industry consensus on any decision points being posed to the CD.

These agenda items should not be a full summary of the update to be presented at the CD.

- 3.A.i. **VWG on Regulatory Cooperation (CD Agenda Item 3.B)** *U.S. Industry (VWG Co-Chair)*
- 3.A.ii. **VWG on GHS (CD Agenda Item 3.C)** *U.S. Industry (VWG Co-Chair)*

15:45 – 16:00	COFFEE BREAK
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16:00 – 17:00	AGENDA ITEM 3 (CONT.)	Review of CD Agenda & Industry Priorities
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- 3.A.iii. **VWG on Data Exchange (CD Agenda Item 3.D)**
Russian Federation (VWG Chair)
- 3.A.iv. **VWG on Marine Debris (CD Agenda Item 4.A)**
Representative of VWG on Marine Debris

3.C. SAICM 2020 Preparation *Singapore and U.S. Industry*

At CD18 in Lima, Peru, the CD agreed to initiate discussions on preparations for the final International Conference on Chemicals Management (“ICCM”) in 2020, including by promoting information sharing on economy’s efforts to meet the Strategic Approach to Chemicals Management (“SAICM”) objectives. Singapore and U.S. industry will discuss industry’s priorities related to SAICM reporting going forward.

3.D. Other Agenda Items and New Ideas *Moderated by the Industry Co-Chair*

This will be an open discussion in which IPM delegates will be asked (a) to identify any other priorities or actions from the CD agenda and (b) to propose potential new actions to be included in the CD’s agenda.

17:00 – 17:20	AGENDA ITEM 4	Regulatory Updates from Industry’s Perspective
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The Industry Co-Chair will ask IPM delegates to discuss any regulatory developments in their economies of particular importance to industry. In particular, delegates will be asked to identify (a) the impacts these changes have had on business, (b) any challenges that industry has experienced, and (c) potential ways that the CD might be able to address those challenges on a regional basis.

17:20 – 17:30	AGENDA ITEM 5	Conclusion and Next Steps
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5.1. **Summary of Discussions**

Advisor to the Co-Chair

The Advisor to the Co-Chair will summarize the day's discussions and the items that the Industry Co-Chair will summarize for the CD during his introductions (Agenda Item 1.B) during the following day's discussions.

5.2. **Conclusion**

Representative of Papua New Guinea

Papua New Guinea will conclude the meeting by providing an overview of the logistics for the remaining events including the CD scheduled to begin at 9:00 AM in the same hotel (Gateway Hotel) in the same room (Jackson Room 1&2) the following day (February 25, 2018).

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二、化學對話會議議程

20th Chemical Dialogue (“CD20”): AGENDA

February 25, 2018

Jackson Room 1&2, Gateway Hotel

Port Moresby, Papua New Guinea

09:00 – 09:40	AGENDA ITEM 1	SETTING THE SCENE
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1.A. **Welcome from Government Co-Chair** **Government Co-Chair**

The Government Co-Chair will introduce the first meeting of the Chemical Dialogue (“Dialogue” or “CD”) in 2018 and in particular focus on how the Dialogue can contribute to the priorities of the APEC Committee and Trade and Investment (“CTI”) to be discussed further in Item 2(A) below, and to those of Papua New Guinea as the host economy.

1.B. **Welcome from Industry Co-Chair** **Industry Co-Chair**

On behalf of the Asia-Pacific Chemical Industry Coalition (“APCIC”), the Industry Co-Chair will welcome delegates to CD20 and will present a summary of the issues discussed at the Industry Pre- Meeting (“IPM”) on February 24, 2018. These will include any emerging challenges that the IPM identified as well as any recommendations the IPM reached for future CD work.

1.C. **Presentation by the SOM Chair’s office on the Priorities for 2018 & Welcome from Papua New GuineaSOM Chair & Papua New Guinea Representatives**

A representative of the SOM Chair will provide a presentation on Papua New Guinea’s priorities for 2018. Representatives from the Government of Papua New Guinea and from its Industry will also have an opportunity to provide any other welcoming remarks.

09:40 – 10:10	AGENDA ITEM 2	STRATEGY AND ADMINISTRATION OF THE DIALOGUE
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2.A. **Review of Alignment with CTI Priorities** **Moderated by Co-Chairs**

Meeting Documents

- ❖ [TBC: Materials from CTI Chair, if any]

The CTI Chair will not be able to attend the CD, but will provide materials summarizing the CTI’s objectives for 2018, which will be tabled at the meeting. After introducing that presentation and those objectives, the Co-Chairs will promote a discussion regarding the CD’s alignment to the CTI’s objectives. Since 2014, the CTI has requested that its sub-fora include time during the first meeting of each year to “review their agenda to ensure it remains aligned with CTI objectives and is commercially relevant,” a request which the CD has followed since 2014.

2.B. **2018 APEC Secretariat Update** **APEC Secretariat**

Meeting Documents

- ❖ [TBC: Presentation from APEC Secretariat and/or Project Management Unit]

The APEC Secretariat will summarize any relevant developments from the Secretariat, including updates on the project submission process, developments in the meeting database, or other matters of general relevance to the CD.

2.C. **Approval of the Revised CD Terms of Reference** **Co-Chairs**

Meeting Documents

- ❖ 2018/SOM1/CD/[TBD] – Revised Chemical Dialogue Terms of Reference

At CD19, the CD discussed potential revisions to its Terms of Reference, which were last refreshed in 2015. Several potential revisions were displayed on screen and then circulated electronically to delegates intersessionally. Additional revisions were then proposed by the Secretariat to reflect priorities provided by the CTI/SOM. The Co-Chairs will seek CD endorsement of the proposed revisions. If approved, the Co-Chairs will then send the Terms of Reference to the CTI for review and approval.

10:10-10:15	AGENDA ITEM 3	SHARED GOAL 1: TO FACILITATE TRADE BY EXPANDING AND SUPPORTING REGULATORY COOPERATION AND MUTUAL RECOGNITION IN THE REGION
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3.A. **Regulators’ Forum** **RF Chair**

A representative of the Chair of the Regulators’ Forum (“RF” or “Forum”) will discuss the RF’s 2018 work-plan and will call for additional topics to be added to that work-plan for continued work inter-sessionally. The representative from the RF Chair will also call for delegates to make plans to attend the next meeting of the RF at SOM3 in Port Moresby.

10:15-10:45	FAMILY PHOTO AND COFFEE BREAK
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3.B. **Virtual Working Group on Regulatory Cooperation and Convergence**

3.B.i. **VWGRCC Work Plan**
VWGRCC Co-Chairs (U.S. Industry; Government Co-Chair TBD)

Meeting Documents

- ❖ [TBD]

The Virtual Working Group on Regulatory Cooperation and Convergence (“VWGRCC”) serves as the coordinating body for the CD’s work stream on regulatory cooperation. The VWGRCC Co-Chairs will discuss relevant developments in the VWGRCC’s workplan and moderate the remaining sub-items in this agenda item relating to particular aspects of that work plan. The VWGRCC will also renew its call for volunteers to serve as the Government Co-Chair of the VWGRCC’s efforts.

3.B.ii. **Sharing Best Practices in Chemical Regulation Self-Funded Project: Update**

The Philippines & VWG

The Philippines and the VWG Co-Chairs will discuss next steps to carry forward the successful self-funded project related to “Sharing Best Practices in Chemical Regulation” held along the margins of CD19 in Ho Chi Minh City, Viet Nam. This will include a discussion of ideas for the four follow-up webinars as agreed at CD19.

3.B.iii. **Customs Practices for Industrial Chemicals**

U.S. Industry

Meeting Documents

❖ [TBD]

As agreed at CD19, U.S. industry will provide an update on the collaboration with the APEC Subcommittee on Customs Procedures (“SCCP”) to streamline chemical import procedures, including tabling a distillation of key features of the survey results and potential recommendations for next steps.

3.B.iv. **Safety of Chemical Products – National and International Issues**

Russian Federation

Meeting Documents

❖ [TBD]

At CD19, Russia discussed the “Comparative Regulatory Systems Text” which it had tabled intersessionally for comment from economies as well as a self-funded project (CD 02 2017S) to produce a “Survey for Review of Chemical Management Regulatory Systems Worldwide” (“Survey”). In response to comments from several economies that the Survey contained substantial useful information, but would likely be too long to publish as an APEC document, Russia agreed to seek to publish an “Executive Summary” of the Survey as its output from the self-funded project and to potentially seek APEC endorsement of that document. To do so, the CD agreed to seek comment from economies on the Survey by the end of April 2018 to provide Russia with sufficient time to incorporate those comments, draw conclusions, and develop a shorter output conveying those conclusions to the CD prior to the end of 2018. Russia will therefore report on developments since SOM3 and any pending requests (*e.g.*, comments on the Survey) for economies.

3.B.v. **Economic Importance of the Chemical Industry in APEC Economies**

U.S. Industry

Meeting Documents

- ❖ 2018/SOM1/CD/[TBD] – Revised Version: The Economic Importance of the Chemical Industry in the APEC Economies (U.S. Industry)

U.S. Industry introduced a study on “The Economic Importance of the Chemical Industry in the APEC Economies”¹ at CD18 and an initial revised version at CD19. Additional comments were provided intersessionally, so a new revision was circulated to the CD prior to CD20. U.S. industry will introduce the intersessional revisions and seek endorsement of the revised report. Once endorsed, at CD19, the CD agreed to (a) post the report to the CD website and (b) transmit the report to the CTI for information “along with a short cover note that uses the report as a basis for reiterating the value of the CD’s work.”

3.C. Virtual Working Group on GHS

3.C.i. Implementation of VWG Workplan

VWG Co-Chairs

Meeting Documents

- ❖ [TBD]

The VWG on the Globally Harmonized System for the Classification and Labeling of Chemicals (“GHS”) (“VWGGHS”) will discuss progress on the workplan that was endorsed intersessionally. This will include: (a) any comments received on the “Comparison of Implementing [GHS] Regulations Amongst the APEC Economies” (Doc. No. 2017/SOM3/CD/012), which was endorsed intersessionally, (b) any comments received on, and next steps arising from, the VWGGHS’s Workplan and Terms of Reference (Doc Nos. 2017/SOM3/CD/013-014), which were endorsed intersessionally, and (c) comments received on the scope of the “GHS Implementation Rationale Questions” (Doc. No. 2017/SOM3/CD/024), which is intended as a tool to promote information sharing regarding why economies had made the GHS building block implementation choices that they had.

3.C.ii. Annual GHS Implementation Report

Australian Industry

Meeting Documents

- ❖ [TBD]

At CD19, the CD agreed to a revised reporting schedule for drafting its annual report to the Ministers Responsible for Trade (“MRT”) with an aim of seeking completion and endorsement of the report by SOM1 each year. Request for comments were submitted intersessionally and Australian industry will summarize the status of the report and the remaining steps before it can be put forward for endorsement.

3.C.iv. Extensions and Status of the G.R.E.A.T. Project

Chinese Taipei

Meeting Documents

- ❖ [TBD]

¹ 2017/SOM1/CD/003.

Chinese Taipei will provide an update on developments related to the GHS Reference Exchange and Tool (“G.R.E.A.T.”) project that it hosts, including any new information received and posted since CD19.

3.D. **Virtual Working Group on Data Exchange**

Russian Federation

Meeting Documents

❖ [TBD]

The VWG on GHS Data Exchange (“VWGDE”) focuses on promoting information sharing between and amongst the CD on several topics, including, in particular between the CD and the UN Subcommittee of Experts on the GHS (“UNSCGHS”). Russia, as the VWGDE Co-Chair, will introduce developments in the VWGDE’s work since CD19, where the CD had agreed to (1) welcome efforts by the VWGDE to strengthen cooperation between the CD and UNSCEGHS through information and data sharing on their activities, (2) note the proposal related to information sharing on eco-labeling (Doc. No. 2017/SOM3/CD/022), and (3) agree that interested economies should work through their UNSCEGHS representatives to complete the survey submitted at the UNSCEGHS related to subheading numbering requirements.

12:30-14:30	LUNCH
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14:30-15:00	AGENDA ITEM 4	SHARED GOAL 2: TO PROMOTE UNDERSTANDING OF THE CHEMICAL INDUSTRY’S ROLE AS A PROVIDER OF INNOVATIVE SOLUTIONS FOR SUSTAINABLE ECONOMIC, ENVIRONMENTAL, AND SOCIAL DEVELOPMENT
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4.A. **VWG on Marine Debris**

Representative of the Marine Debris VWG

Meeting Documents

❖ [TBD]

The Marine Debris VWG (“MDVWG”), a joint working group between the CD and the Ocean’s and Fisheries Working Group (“OFWG”), will present on the work it has undertaken since CD19, at which the CD agreed to welcome the update from the MDVWG (Doc. No. 2017/SOM3/CD/016). In particular this will include work related to (1) efforts to implement the Policy and Practice Recommendations that were endorsed by APEC Ministers in 2016; (2) the MDVWG’s draft work-plan for 2018; and (3) efforts to encourage interested economies to join the MDVWG’s ongoing work and engagement with other APEC fora.

4.B. **Industry Approach for Marine Debris in Japan**

Japan Industry

Japanese industry will share its activities with other relevant industry associations to tackle Marine Debris in Japan. Specifically, the Japan Chemical Industry Association started a voluntary group where information, issues, and efforts around Marine Debris can be shared with member associations such as the Japan Plastics Industry Federation, Plastic Waste Management Institute, and others. The work has included: (1) Providing

appropriate information based on scientific approach, (2) Supporting in building social infrastructure for sound management of waste in emerging countries, and (3) Prevention of plastic leakage to the marine environment.

4.C. **Options for Potential CD Work on Sustainable Chemistry** **U.S. Industry**

U.S. Industry will provide an update on this workstream which was initiated at CD17 and was designed to focus on areas in which the CD could contribute to ongoing global discussions regarding sustainability and sustainable chemistry. At CD19, the CD agreed to (1) maintain this agenda item to identify ways it could meaningfully contribute to ongoing international discussions on the topic, including related to implementation of the United Nations Sustainable Development Goals (“SDGs”); and (2) encourage interested economies to participate in intersessional discussions. U.S. Industry will provide an update on developments since CD19.

15:00-15:30	AGENDA ITEM 5	SHARED GOAL 3: TO ENABLE EFFECTIVE COOPERATION BETWEEN INDUSTRY AND GOVERNMENTS TO IMPROVE CHEMICAL PRODUCT STEWARDSHIP AND SAFE USE
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5.A. **Challenges to Risk-Based Chemical Management Systems** **U.S. Industry**

This item was added to the CD agenda at CD17 and was part of the impetus behind the extensive discussion about the basis of, and the challenges inherent in, maintaining a risk-based approach to chemical regulation during the CD19 Best Practices in Chemical Regulation workshop. After discussing those challenges further at CD19, the CD agreed (1) to maintain the agenda item and to seek presentations from economies at future CD meetings regarding why they have adopted risk-based approaches and how they have implemented them, noting Australia presented on this topic regarding its own regulatory system at the Workshop; and (2) that the Regulators’ Forum would assist in carrying forward this item by undertaking further capacity building work on the topic. Several economies identified interest in further discussions at CD20 and U.S. Industry will moderate a discussion on intersessional developments, including whether any economies wish to present case studies on their risk-based approaches.

5.B. **SAICM** **Singapore & U.S. Industry**

Meeting Documents

❖ [TBD]

At CD19, Singapore and the U.S. Industry had tabled a SAICM Reporting Template (Doc. No. 2017/SOM3/CD/026) and an example completed template (Doc. No. 2017/SOM3/CD/027) to promote the CD’s ability to proactively compile information regarding each economy’s SAICM implementation in advance of the Fifth International Conference on Chemicals Management (“ICCM-5”). At CD19, the CD had agreed to (1) seek intersessional endorsement of the template and (2) to encourage completion of the template once endorsed. Singapore and U.S. Industry will present on developments in the SAICM process, any comments received on the reporting template since SOM3, and proposed next steps for the CD’s engagement in ICCM-5 preparations.

5.C. **SAICM Update from Asia-Pacific Regional Meeting**

Japan

Meeting Documents

❖ [TBD]

Japan will provide an update from the SAICM Asia Pacific regional meeting held in Bangkok from Jan. 23 to 25. Prior to the 2nd intersessional process meeting, SAICM secretariat is now organizing 5 regional meetings to facilitate input on the Strategic Approach activities and prepare for the upcoming intersessional meeting. At the regional meeting, delegates discussed a couple of key topics such as a progress review of SAICM’s overall Orientation and Guidance, provision of guidance on implementation, and the perspectives on the future and identification of regional priorities towards and beyond 2020.

15:30-16:00	COFFEE BREAK
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16:00-17:30	AGENDA ITEM 6	INFORMATION EXCHANGE ON REGIONAL AND INDIVIDUAL ECONOMY REGULATORY DEVELOPMENTS
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Meeting Documents

❖ [TBD]

Economies are invited to provide an informational update on regulatory developments in their economies since CD19. These updates are provided for informational purposes only and will not entail action items for the CD. Interested economies are encouraged to (1) notify the Co-Chairs in advance of the CD meeting of their interest in presenting, (2) table any supporting documentation with the secretariat, and (3) to the extent possible, include a discussion of how the regulatory developments made use of, or aligned with, the CD’s Best Practice Principles (Doc. No. 2017/SOM3/CD/006) and related Regulatory Checklist (Doc. No. 2017/SOM3/CD/007).

17:30- 18:00	AGENDA ITEM 7	RECOMMENDATIONS AND CONCLUSIONS
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7.A. **Summary of the Day and Action Items**

APCIC

A representative from the APCIC will summarize the day’s discussions and read the list of agreed upon action items for revision and endorsement by delegates.

7.B. **APEC Ministers Responsible for Trade (MRT) Statement** **Government Co-Chair**

The CD’s work was recognized by Ministers several times in 2017. The Ministers Responsible for Trade welcomed the “efforts of the Chemical Dialogue to encourage the use of good regulatory practices, to address divergences in classification and labeling in industrial chemicals in order to facilitate trade” as well as “efforts to improve the investment environment for waste management infrastructure.”² APEC Ministers (“AMM”) also recognized the CD’s work, “noting the importance of risk-based chemicals management”, the AMM “note[d] the efforts of the APEC Chemical Dialogue

² See https://www.apec.org/Meeting-Papers/Sectoral-Ministerial-Meetings/Trade/2017_trade.

to encourage the use of good regulatory practices and address divergences in the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) to facilitate trade” and “encourage[d] all economies and stakeholders, particularly the private sector, to engage in ocean-related cooperation including investment in sustainable materials management and waste management infrastructure, to reduce land based sources of marine debris in APEC.”³

The Dialogue will discuss its progress on these instructions and the items that the Government Co-Chair could consider submitting to Senior Officials for possible inclusion in the MRT statement at SOM2 in May 2018.

7.C. **Document Classification List**

APEC Secretariat

Meeting Documents

- ❖ 2018/SOM1/CD/000 – Document Classification List (APEC Secretariat)

The Secretariat will review Document Number 2018/SOM1/CD/000, as updated throughout the discussions, and seek endorsement of the final classifications.

7.D. **SOM3 Preparations**

Papua New Guinea

A representative from Papua New Guinea will conclude the discussions with any preliminary notes about the next CD, to be held during SOM3 2018 in Port Moresby, Papua New Guinea.

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³ See https://www.apec.org/Meeting-Papers/Annual-Ministerial-Meetings/2017/2017_amm.

三、會議剪影



圖 1、2月 25 日化學對話會議參與會員國代表全體合照



圖 2、秘書處代表 Johnny Lin 與我國與會代表合照。



圖 3、2月 24 日業界預備會議會議現場