



Webinar for Taiwan Chemical Industry Association (TCIA) & Petrochemical Industry Association of Taiwan (PIAT) by IHS Markit

IHS Markit 網絡研討會 – 台灣化學產業協會和台灣石油化學公會專享

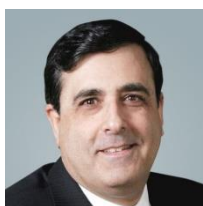
June 30, 2021
2021 年 6 月 30 日

Agenda 議程表	
10:00 – 10:05	主持人介紹議程 Introduction of today's program by Garrie Li, IHS Markit
10:05 – 10:10	開場致詞, 台灣石油化學公會 曹明理事長 Opening remarks by Mr Mihn Tsao, Chairman, PIAT
10:10 – 10:15	開場致詞, 台灣化學產業協會理事長 李謀偉理事長 Opening remarks by Mr Bowei Lee, Chairman, TCIA
10:15 – 10:45	“Recovery of the Post-COVID-19 Chemical Industry” by Garrie Li (李健民), Vice President, Business Development Asia, Oil Markets / Midstream / Downstream / Chemicals, IHS Markit Synopsis: More than a year after the outbreak of the COVID-19 pandemic, even though the coronavirus is still raging in some regions, most of the leading economies have started recovering and, globally, the chemical industry is, by and large, back to normal. What is the trajectory for the recovery of the chemical industry? Are base chemicals and specialty chemicals going to follow the same path?
10:45 – 11:15	“Circular Plastics and the Role of Policy Levers” by Tony Palmer, Vice President Circular Plastics & Sustainability, Oil Markets / Midstream / Downstream / Chemicals, IHS Markit

	<p>Synopsis: The plastics transition to circularity will be policy driven and key levers can significantly alter how stakeholders operate and determine long-term success in this new environment. IHS Markit will frame the circular plastics narrative within the context of three such levers:</p> <ol style="list-style-type: none"> 1. Infrastructure and technology investment at scale is urgently needed to address increasing volumes of plastics waste while the “Plastics End-of-Life” situation gets much worse before it gets better. 2. Increased “plastics” policymaking and goal setting by stakeholders (including governments, NGOs, investors, brand owners) proliferates and drives progress toward a circular economy but where and how to intervene to affect real change is not well understood. 3. Circular plastics business models for viable economic and carbon emissions performance are embryonic while scaling of assets will drive change with tradeoffs to carbon emissions.
11:15 – 11:45	<p>“From Fuels to Chemicals – the Future of Refining and Chemical Integration” by Ravi Narayanaswamy, Vice President, Business Development Middle East & Indian Sub-Continent, Oil Markets / Midstream / Downstream / Chemicals, IHS Markit</p> <p>Synopsis: Energy Transition and the resulting efficiency improvements is expected to result in peak refined products demand in the early 2030s. Refiners will need to consider feasible options available to create increased petrochemical integration. This presentation will cover some of the brownfield and greenfield options available for refiners to invest to remain competitive.</p>
11:45 – 11:50	<p>閉幕詞, 台灣化學產業協會理事長 李謀偉 Closing remarks by Mr Bowei Lee, Chairman, TCIA</p>



Presenters' Biographies



Anthony (Tony) J. Palmer, Vice President, Circular Plastics & Sustainability, Oil Markets / Midstream / Downstream / Chemicals, IHS Markit

In his current role, Tony coordinates the Research & Insight activities associated with plastics reuse, reduction, and recycle. Prior to this, he managed the Consulting operations of IHS Chemical Consulting's East and West Coast Offices where he directed engagements for clients with interests in the business, technical, and financial aspects of the energy, chemicals, and related process industries. Up until 2004, Tony was a Founding Director at CPI Consulting Associates, at which time the firm's operations were merged into Chemical Market Associates (CMAI). IHS acquired CMAI in 2011 and merged with Markit to form IHS Markit (NASDAQ: INFO) in 2016.

Tony's consulting activities were focused on helping companies plan and implement business and corporate development programs worldwide. He has managed numerous assignments in Asia and Latin America relating to natural gas utilization and petrochemical complex planning. His experience also comprises business valuation, debt coverage, and due diligence assignments associated with financial transactions in the process industries. He has provided support in several commercial litigation matters involving process industry participants as well.

Apart from his consulting activities, Tony is an Adjunct Professor of Management at Connecticut State University's Ansell School of Business Administration, where he teaches courses in Strategic Management using the case analysis approach. He was also previously associated with Chem Systems and Exxon Corporation. Tony holds both a Bachelors' and Masters' Degree in Chemical Engineering from Manhattan College, and an MBA in Finance and International Business from Fordham University.



Ravi Narayanaswamy, Vice President Middle East & Indian Sub-Continent, Business Development, Oil Markets / Midstream / Downstream / Chemicals, IHS Markit

Ravi joined IHS Markit through Purvin & Gertz in 2005 and is based in Singapore. Ravi has over 30 years of diverse oil industry experience spanning both refining and petrochemicals. He frequently presents to senior management and CEOs of companies and at IHS Markit and other third-party conferences. Prior to joining IHS Markit, Ravi held numerous positions at ExxonMobil's Singapore complex in refining, supply and petrochemicals with increasing responsibility from 1995. Before ExxonMobil, he worked at Hindustan Petroleum at Mumbai in India. Ravi holds a Bachelors' Degree in Chemical Engineering from Bangalore University and an MBA from the University of Southern Illinois.



Garrie Li, Vice President Asia, Business Development, Oil Markets / Midstream / Downstream / Chemicals, IHS Markit

Garrie joined IHS Markit in Hong Kong in 2020 with over 35 years of chemical industry experience. Prior to IHS Markit, he worked at Dow and BASF in various locations in Asia and Canada, and held positions in management, sales and marketing and financial analysis, retiring from BASF as Vice President, Polyamides & Precursors Asia Pacific in 2018. Garrie was a member of the board of directors of Rayong Olefins Co., Ltd. in Thailand and Shanghai BASF Polyurethanes Co., Ltd. during his tenure at Dow and BASF, respectively. He had also consulted for Methanex Corporation and worked at CMAI, which was acquired by IHS and became part of IHS Markit. Garrie has experience in a wide variety of products such as membrane products, epoxy resins, olefins and aromatics, polyurethanes, inorganic chemicals and polyamides. He holds a B.Sc. Degree in Chemical Engineering and an MBA, both from Queen's University in Canada.