

## 2016 ASEAN Iron & Steel Sustainability Forum

14-16 November 2016 • The Landmark Bangkok, Thailand

~ Forum Programme ~

Monday, 14 November 2016

TIME	ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION
08:00	09:00	Registration		
<b>OPENING SESSION</b>				
09:00	09:10	Opening Speech	Ashish Anupam	Opening Speech
				Chairman, South East Asia Iron and Steel Institute (SEAISI)
09:10	09:20	Welcoming Speech	Win Viriyaprapaikit	Welcoming Remarks
				Chairman Executive Board, Iron and Steel Institute of Thailand
09:20	09:50	Keynote Speech	Chen Namchaisiri	Keynote Speech
				Chairman, The Federation of Thai Industries
09:50	10:20	<b>COFFEE BREAK</b>		
<b>SESSION 1 - Steel Market Developments - Mr. Roberto Cola</b>				
10:20	10:40	Presentation 1	Tan Ah Yong	Update on ASEAN Steel Industry Development Scenario
				South East Asia Iron and Steel Institute (SEAISI)
10:40	11:00	Presentation 2	Keith Tan	China's Steel Exports: A Review and Outlook of the Spot Market
				S&P Global Platts, China
11:00	11:20	Presentation 3	Tim Hard	Asian Production Costs
				The Steel Index, Singapore
11:20	11:50	<b>Panel Discussion/ Q&amp;A</b>		
11:50	12:50	<b>LUNCH BREAK</b>		
<b>SESSION 2 - Market Perspectives and Challenges - Mr. Wellington Tong</b>				
12:50	13:10	Presentation 4	Vichai Jirathiyut	Current Market Situation of Automotive Sector in Thailand*
				Thailand Automotive Institute
13:10	13:30	Presentation 5	Somboon Hotrakool	Current Market Situation of Electrical Appliance Sector in Thailand
				Electrical and Electronics Institute of Thailand
13:30	13:50	Presentation 6	Nuttapon Suttitam	Thailand Steel Construction Industry: External Factors, Current Situation and Future Trend
				Sahaviriya Steel Industries, PLC., Thailand
13:50	14:10	<b>Panel Discussion/ Q&amp;A</b>		
14:10	14:30	<b>COFFEE BREAK</b>		
<b>SESSION 3 - Steel Engineering for Construction Sector - Mr. Chandra Mohan Verma</b>				
14:30	14:50	Presentation 7	Dr. Piya Chotickai	Recent Progress on Regulations and Standards for Steel Buildings in Thailand
				Kasetsart University, Thailand
14:50	15:10	Presentation 8	Dr. Sutat Leelataviwat	BRACING FOR THE FUTURE: An Application of Steel Braced Frame for Areas with Moderate Seismic Risks
				King Mongkut University (KMUTT), Thailand
15:10	15:30	Presentation 9	Dr Jitendra Patel	Advances in High Strength Structural Steel Hollow Sections
				CBMM Technology Suisse S.A., Switzerland
15:30	15:50	Presentation 10	Teerachai Chansakul	Cold Formed Steel Structure in Thailand Construction
				NS BlueScope Lysaght (Thailand) Limited, Thailand
15:50	16:10	<b>Panel Discussion/ Q&amp;A</b>		
<b>SESSION 4 - Steel for Sustainable Construction - Mr. Nuttapon Suttitam</b>				
16:10	16:30	Presentation 11	Dato' Chan Wah Kiang	Agibs Green Integrated Building Solution
				Ajiya Berhad, Malaysia
16:30	16:50	Presentation 12	Rafael Hidalgo	Customer - Centric Rebar Production System
				Steel Asia Manufacturing Corporation, Philippines
16:50	17:10	Presentation 13	Ditsapol Padungkul	Thailand Steel Industry Outlook: Demands and the Number of Railway Projects
				Thai Railway Engineering Association (TREA), Thailand
17:10	17:30	<b>Panel Discussion/ Q&amp;A</b>		

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Tuesday, 15 November 2016

TIME		ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION
<b>SESSION 5 - Workflow Integration and Management for Construction - Mr. Somkiat Pintatham</b>					
09:00	09:20	Presentation 14 & Q/A	Cheng Yen-Chia	Development of Steel Construction Technical Services in Dragon Steel Corporation	Dragon Steel Corporation, Taiwan
09:20	09:40	Presentation 15 & Q/A	Patai Padungtin	Workflow-Integrated Marketplace in Construction Industry	Builk Asia Co., Ltd., Thailand
09:40	10:00	Presentation 16 & Q/A	Saravanan Natarajan	Carpet Reinforcement - An Innovative and Productive Solution for Slab Construction	NatSteel Holdings Pte Ltd, Singapore
<b>10:00</b>	<b>10:20</b>	<b>COFFEE BREAK</b>			
<b>SESSION 6 - Product/ Technological Developments for Steel Applications - Mr. Wikrom Vajragupta</b>					
10:20	10:40	Presentation 17 & Q/A	Cheng-Kai ChiuHuang	The Application of Hot Stamped Boron Steel 15B22 on the Automotive Parts	China Steel Corporation, Taiwan
10:40	11:00	Presentation 18 & Q/A	Ming-Hao Liu	The Application of Lubricant Film Coated GA Steel on Auto Outer Panels	China Steel Corporation, Taiwan
11:00	11:20	Presentation 19 & Q/A	Denis Wysota	Latest Technologies Choices for New or Modernized Automotive C.A.Ls & C.G.Ls Furnaces and C.G.Ls A.P.C. Sections	CMI Metals, Belgium
11:20	11:40	Presentation 20 & Q/A	Delphic Chen	Development of High Strength HB500 Grade Abrasion Resistant Steels by Direct-Quenching and Self-Tempering Process	China Steel Corporation, Taiwan
<b>11:40</b>	<b>12:40</b>	<b>LUNCH BREAK</b>			
<b>SESSION 7 - Energy Savings - Mr. Ng Kian Hin</b>					
12:40	13:00	Presentation 21 & Q/A	Dr. Shiro Watakabe	Energy Management in Steelworks by Using ISO14404 and Cooperation with the ASEAN Steel Industry	JFE Steel Corporation, Japan
13:00	13:20	Presentation 22 & Q/A	Mario Taddeo	Relationship between Refractory Lining Design and Liquid Steel Temperature at the Ladle Furnace	Pyrotek Pte Ltd., Australia
13:20	13:40	Presentation 23 & Q/A	Michel Boyer	New Technologies & Approaches to Improve Energy Efficiency for Reheating Furnaces and Processing Lines	CMI Environment, Belgium
13:40	14:00	Presentation 24 & Q/A	Supached Pandee	Use of Variable Speed Drive and Soft Start in Hot Strip Mill Direct Cooling Systems	Sahaviriya Steel Industries, PLC., Thailand
14:00	14:20	Presentation 25 & Q/A	Harish Iyer	EAF Optimization and Results by Applying Real-Time Dynamic Process Control Using Tenova's EFSOP® Technology in Japan	Tenova Goodfellow Inc., Canada
<b>14:20</b>	<b>14:40</b>	<b>COFFEE BREAK</b>			
<b>SESSION 8 - Operations Management for Environmental and Safety Improvement - Mr. A K Woo</b>					
14:40	15:00	Presentation 26 & Q/A	Michael Marz*	Environmental Challenges; Classroom Lessons and an On-Site Showcase- the Perfect Mix for Further Training for Steelmakers	Badische Stahl-Engineering GmbH, Germany
15:00	15:20	Presentation 27 & Q/A	Indirakumar Gunasekaran	The Safety Leadership Experience in NatSteel	NatSteel Holdings Pte Ltd, Singapore
15:20	15:40	Presentation 28 & Q/A	Teerapong Raksasang	Moving toward 'Zero Harm' Culture	NS BlueScope (Thailand) Limited, Thailand
<b>SESSION 9 - Waste Management and Emissions Control - Mr. Somsak Pikkanesuan</b>					
15:40	16:00	Presentation 29 & Q/A	Cheng-Ting Hsieh	An Emulsification Method of Bio-Oils in Diesel	China Steel Corporation, Taiwan
16:00	16:20	Presentation 30 & Q/A	Yu-Wei Jang	The Impact of Water Pollution Control Fee on Taiwan Steelmakers	Dragon Steel Corporation, Taiwan
16:20	16:40	Presentation 31 & Q/A	Yen-Han Lin	Redox Potential of Chromium for Basic Oxygen Furnace Slag in Contact with Soil	China Steel Corporation, Taiwan
16:40	17:00	Presentation 32 & Q/A	Dr Nurulakmal Mohd Sharif	Effect of Composition and Firing Temperature on MOR and Water Absorption of EAF Slag Added Ceramic Tile	USM Engineering Campus, Malaysia
17:00	17:20	Presentation 33 & Q/A	Kim Ki Han	Development of PosMent (A Type of Slag-rich Cement)	POSCO, Korea

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Wednesday, 16 November 2016

### Plant Tour Schedule

#### Route #1

**Time:** 07:00 - 18:00

**Visiting:**  
1) Sekisui - SCG Industry Co., Ltd (Saraburi, Thailand)  
2) Thai Metal Trade Public Company Limited. (Ayutthaya, Thailand)

Time	Activity
07:00 – 07:30	Registration : The Landmark Bangkok Hotel Lobby
07:30 – 10:00	Depart from The Landmark Bangkok Hotel to Sekisui - SCG Industry Co., Ltd
10:00 – 12:00	<ul style="list-style-type: none"><li>• Welcome remarks by Sekisui - SCG Industry Co., Ltd representative</li><li>• Briefing and tour of Sekisui - SCG Industry Co., Ltd</li></ul>
12:00 – 13:00	Lunch
13:00 – 14:00	Depart to Thai Metal Trade Public Company Limited
14:00 – 16:00	<ul style="list-style-type: none"><li>• Welcome remarks by Thai Metal Trade Public Company Limited representative</li><li>• Briefing and tour of Thai Metal Trade Public Company Limited</li></ul>
16:00 – 18:00	Depart for hotel

#### Route #2

**Time:** 06:30 - 18:30

**Visiting:**  
1) NS - Siam United Steel Co.,Ltd (Rayong,Thailand)  
2) Ford Thailand Manufacturing (Rayong,Thailand)

Time	Activity
06:30 – 07:00	Registration : The Landmark Bangkok Hotel Lobby
07:00 – 10:00	Depart from The Landmark Bangkok Hotel to NS - Siam United Steel Co.,Ltd
10:00 – 12:00	<ul style="list-style-type: none"><li>• Welcome remarks by NS - Siam United Steel Co.,Ltd representative</li><li>• Briefing and tour of NS - Siam United Steel Co.,Ltd</li></ul>
12:00 – 13:00	Lunch
13:00 – 13:30	Depart to Ford Thailand Manufacturing, Rayong
13:30 – 15:30	<ul style="list-style-type: none"><li>• Welcome remarks by Ford Thailand Manufacturing representative</li><li>• Briefing and tour of Ford Thailand Manufacturing</li></ul>
15:30 – 18:30	Depart for hotel

**Dress Code** Smart casual and covered shoes. (no short pants, skirt, high-heel shoes, Opened-Toe shoes and Slippers)

**\*\* Note:** The organizer reserves the right to cancel the site visit if the minimum number of participants is not met. Delegates will be notified via email if the site visit is cancelled and the registration fee will be refunded in full.

~~~Registration in advance is required~~~