

## IGCW2023 - Technical Session on Environment, Health & Safety (EHS) - Tools & Technologies

Venue for IGCW2023: Hotel Westin Mumbai Garden City, Goregaon (E), Mumbai, India

Date for this Technical Session: **7th November'2023 (Tuesday)**

Expected Participants: Chief Sustainability Officer, Head-EHS, VP-EHS, GM-EHS, GM-Production, EHS Professionals, etc

Expected No. of Participants: approx. 50

- Objectives:**
1. Creating an ESG roadmap for your organization and learning best practices, tools and technologies in Industry.
  2. In Process Safety section explore - Safety competency management, Risk identification, Hazop, Safe Venting & Asset Integrity.
  3. In Environment section explore - Impact of new regulations, best practices and innovations in wastewater treatment.
  4. Explore deployment of Digital, AI and ML tools in the domain of EHS.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
8:30 - 9:30 hr	Registration, Tea/Coffee, Networking, Visiting IGCW Expo		
9:30 - 9:40 hr	Mentors for the Session	Welcome, Acknowledgement, Self-Introduction & sharing work, Creating Context for the workshop, Introducing Keynote Speaker	
9:40 - 10:15 hr	Mr. Swapan Kumar, Senior Sustainability Advisor, <b>The ESG Institute</b> (Invited)	<b>Keynote:</b> Creating Sustainability roadmap for your organization	30 min PPT, 5 min Q&A
10:15 - 10:45 hr	Mr. Pratik Sharma, Corporate Head - Health, Safety, Compliance & Sustainability, <b>Aarti Industries Ltd.</b>	Best process safety practices for chemical storage tanks Safety	25 min PPT, 5 min Q&A
10:45 - 11:30 hr	Tea/Coffee Networking Break, Visiting IGCW Expo.		
	<b>People, Process and Plant Safety</b>		
11:30 - 11:50 hr	Mr. P. Murali, Vice President and Head - Health, Safety and Environment, <b>Nayara Energy</b>	Competency development for Effective Process Safety management	20 min PPT
11:50 - 12:10 hr	Mr. Vijay Bhujle, Directorm, <b>GVS Cibatech Pvt. Ltd.</b>	Title of Talk awaited (Topic - Risk identification, Hazop)	20 min PPT
12:10 - 12:30 hr	Mr. Rahul Raman, Principal Engineer, <b>Keypear Consulting</b>	Thermal Stability of Chemicals and Vent Sizing using DIERS Methodology	20 min PPT
12:30 - 12:50 hr	Mr. Ranga Shingte, Founder, Chairman & MD, <b>SWASYA Solutions Pvt. Ltd.</b>	Title of Talk awaited (Topic - Asset Integrity)	20 min PPT
12:50 - 13:10 hr	Prof. Rajgopalan Srinivasan, Professor of DART Lab, Dept. of Chemical Engineering, <b>IIT-Madras</b>	Can AI be a Game Changer for Process Safety? A Personal Perspective	20 min PPT
13:10 - 13:30 hr	Panel Discussion		20 min Q&A & Open Discussion
13:30 - 14:30 hr	Lunch Break, Visiting IGCW Expo.		
	<b>Environment</b>		
14:30 - 14:50 hr	<b>Environment Resource Management (ERM)</b> - Speaker to be confirmed	<b>Keynote:</b> Impact of Environmental Local & International Regulations on Chemical Industry	20 min PPT
14:50 - 15:10 hr	<b>Biocon Ltd.</b> (Speaker to be confirmed)	Title of Talk awaited (Topic - Overview of Environmental Initiatives, Technologies and Best Practices of Biocon)	20 min PPT
15:10 - 15:30 hr	Mr. Ajitpal Singh, Vice President - EHS, <b>PI Industries Ltd.</b>	Title of Talk awaited (Topic - EHS Systems Management for Toll Manufacturers)	20 min PPT
15:30 - 15:50 hr	Dr. Aditya Gurudanti, Associate Director & Head, <b>Stirrup ESG Solutions</b>	Title of Talk awaited (Topic - AI & ML in EHS Management Systems)	20 min PPT
15:50 - 16:10 hr	<b>Moderator:</b> Mr. Sushil Kharkwal, Head - EHS, <b>Alembic Pharmaceutical Ltd.</b>	Q&A and Open Discussion with Speakers	20 min Q&A and Open discussion
16:10 - 16:35 hr	Prof. Lalit Vashishtha, Founder and CEO, <b>Diva Envitec</b>	Evoke Value -Redefining waste into value through circular science and process engineering	20 min PPT
16:35 - 16:50 hr	Exhibitor Presentation 1		15 min PPT and Q&A
16:50 - 17:05 hr	Exhibitor Presentation 2		15 min PPT and Q&A
17:05 - 17:20 hr	Exhibitor Presentation 3		15 min PPT and Q&A
17:20 - 17:30 hr	Mentors for the Session	Closing Remarks & Acknowledgements	
17:30 - 18:00 hr	Tea/Coffeee Break, Visiting IGCW Expo		

**Industry Mentors:** Mr. Sushil Kharkwal, Head - EHS, Alembic Pharmaceutical Ltd.

Mr. Vidiyala Ravi, Advisor - Process Safety, PI Industries Ltd.

Mr. KumarKrishna Bhattacharjee, Lead- HSE Third party Risk Management, HSE & ES Operations, Novartis