IGCW2025 - TECHNICAL SESSION ON "SUSTAINABILITY & GREEN CHEMISTRY METRICS"

7th October 2025 (Tuesday) | The Westin Mumbai Garden City

Session Mentors

Prof. Brajesh Kumar Dubey,
Professor - Circular Engineering (Dept. of Civil Engg.) and Chairperson - School of Water Resources, **IIT-Kharagpur**

Mr. Anand Sekar,
Leader, LCA Global Centre of Excellence, **SABIC**

Mr. Rajesh Mehta,
Senior Consultant,
Energy & Materials Transition,
TNO

Ms. Avantika Shastri,
Manager, Centre for Sustainability, **Eaton**

Timing	Speaker, Designation, Company	Topic / Title of Presentation
08:30 - 09:30	**Registration, Tea/Coffee, Networking, Visiting IGCW Expo**	
09:30 - 09:40	Mentors for the Session Welcome, Acknowledgement, Self-Introduction & sharing work, Creating Context for the workshop, Introducing Keynote Speaker	
09:40 - 10:15	Mr. Ananda Sekar, **SABIC** Mr. Rajesh Mehta, **TNO** Ms. Avantika Shastri, **Eaton**	Decoding Sustainability Terminologies / Demistifying Carbon Jargon
10:15 - 10:45	Dr. Meghana Mulagana, Senior Program Associate - Climate, Economics and Finance Program, **World Resources Institute (WRI) India**	Beyond Compliance: Sustainable Process Optimization in Manufacturing
10:45 - 11:30	**Tea/Coffee Networking Break, Visiting IGCW Expo.**	
	Session on Life Cycle Assessment (LCA)	
11:30 - 11:55	Prof. Brajesh Kumar Dubey, Professor - Circular Engineering (Dept. of Civil Engg.) and Chairperson - School of Water Resources, **IIT-Kharagpur**	Life Cycle Assessment Made Simple: Measuring What Matters
11:55 - 12:20	Mr. Ritesh Agrawal, Director- Consulting Sales and Delivery - Sustainability Consulting, **Sphera**	LCA Automation Tool for Chemical Industry
12:20 - 12:45	Mr. Sunil Kumar, Head, **SIPL Pvt. Ltd.**	ERA LCA-Chem - Sustainable solution for Chemical and Pharma domains
12:45 - 13:10	Mr. Gulab Malunjkar, Research Scientist - LCA, **Dow India Technology Center**	Beyond the Surface - A Journey through Life Cycle Assessment
13:10 - 13:30	**Moderator:** Prof. Brajesh Kumar Dubey	Q&A and Open Discussion
13:30 - 14:30	**Lunch Break, Visiting IGCW Expo.**	
14:30 - 15:00	Ms. Archana Datta, Associate Programme Management Officer at the Life Cycle Initiative, **United Nations Environment Programme (UNEP)** - (Online)	Advancing Life Cycle Thinking: Global Efforts of the Life Cycle Initiative
15:00 - 15:30	Mr. Mike Danielson, Industry Lead, **Science Based Targets Initiative (SBTi)** - (Online)	Climate Action and Science-based Target-setting in the Chemicals Sector
15:30 - 16:00	Mr. Masaaki Toma, Research Planning & Coordination and Dept. of Carbon Neutral Strategy Cross-Functional Team, **Sumitomo Chemicals Co, Ltd.**	Development and Dissemination of CFP-TOMO®, a Carbon Footprint Calculation Tool for Chemical Products
16:00 - 16:30	Mr. Raghavendra Pai, India Sustainable Sourcing Lead, **Syngenta Global Capability Center Pvt. Ltd.**	Introduction to TfS Product Carbon Footprint Guidelines (Scope 3 GHG Emission) and SiGREEN Exchange solution
16:30 - 17:00	Mr. Biju Baby, Co-Founder, **Bacuti Inc.**	Modernizing PCFs
17:00 - 17:30	**Panel Discussion: AI Deployment for Sustainable Metrics in the Chemical Industry** **Moderator:** Ms. Avantika Shastri, Manager, Centre for Sustainability, **Eaton** • Ms. Ashwini Higne, Associate Program Director - Climate, Economic and Finance Program, **World Resources Institute (WRI) India** • Mr. Rajesh Srinivasaraghavan, Co-Founder, **Bacuti** • Mr. Rajesh Mehta, Senior Consultant - Energy & Materials Transition, **TNO** • Ms. Hiranmayee Kanekar, Consulting Manager - ESG & LCA Consulting, **Ramboll** • Ms. Hetal Udas, Head of Customer Success, **One Click LCA**	
17:30 - 17:40	Mentors for the Session	Closing Remarks & Acknowledgements
17:40 - 18:00	**Tea/Coffeee Break, Visiting IGCW Expo**	