



ZDHC South Asia Regional Conference

Building a Culture of Sustainable Chemical Management in the Fashion Industry



25th Sept 2024, Wednesday | Hyatt Regency, Chennai



Stahl is the world leader in speciality coatings and treatments for flexible materials. Our solutions are touched by consumers around the world, as they are applied to essential everyday materials across countless industries and markets, from automotive components to apparel, luxury goods, footwear, packaging and home furnishings.

Guided by our ESG Roadmap to 2030, Stahl is committed to innovating low-impact solutions that improve lives and contribute to a better world. Learn more about our ESG achievements in our latest ESG report (scan the QR-code or go to esg2023.stahl.com/esg-report-2023/start). Touching lives, for a better world.



The ZDHC Roadmap to Zero Programme is the mainstream initiative for sustainable chemical management by the global apparel and footwear value chain. The Programme aims to bring about a positive change in the industry, propelling towards better chemistry to protect life, land, air and water. ZDHC endeavours to converge different approaches in sustainable chemical management to reduce complexity and costs for brands, suppliers, and formulators.

The theme of this conference is "Building a Culture of Sustainable Chemical Management in the Fashion Industry". The sessions in this conference revolve around the theme and delve into the roles of different stakeholders from brands, associations, suppliers and formulators in developing and sustaining a culture of chemical management in the industry. The conference aims at enabling our stakeholders in the implementation of the ZDHC Roadmap to Zero Programme.

Collaboration being a key pillar of ZDHC, we have three important panel discussions with association members, solution providers and brands which will help participants understand how different stakeholders support implementation of the ZDHC Programme requirements.

You will also hear from the industry experts on how to achieve business sustainability by leveraging the ZDHC Programme and chemical innovations, best practices in water management and how to implement chemical stewardship to make sustainable leather.

A highlight of this conference is the "ZDHC Torchbearer" awards that will be awarded to a textile supplier and a chemical formulator Signatory from South Asia. These companies will also share with the audience why they have embraced ZDHC and how it has benefited them. Also, ZDHC Approved Solution Providers who have conducted the Solutions Roadshows will be awarded and they will share their insights.

We are indeed grateful to Dr K J Sreeram, Director, CSIR-CLRI for gracing our conference as a Keynote Speaker and sharing his rich experience with the audience.

The conference sessions are carefully designed to inspire thought leadership, facilitate collaboration, and ignite actionable change in your journey towards zero discharge of hazardous chemicals and help you to renew your commitment to sustainable chemical management!

Thank you for your participation and hope that it will inspire you to build a culture of sustainable chemical management in your organisation!



Prasad Pant

Competence Centres Director



Lydia Lin

Regions Director



Saket Kulkarni

Implementation
Manager-South Asia

Building a Culture of Sustainable Chemical Management in the Fashion Industry

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Time (ISD)	Topic	Speakers
Registration and Light Breakfast 8:30 - 9:15		
	Welcome Address & Setting the Context	Saket Kulkarni, ZDHC Prasad Pant, ZDHC
9:15	Lighting of the lamp Special Dignitary Address	Prajakta Verma, Ministry of Textiles R. Selvam, CLE Tatheer Zaidi, Solidaridad
	Keynote Speech	Dr. K J Sreeram, CSIR-CLRI
	ZDHC Vision 2030: Unveiling ZDHC's Game-Changing Strategy for Impact	Frank Michel, ZDHC
	Building a culture of Sustainable Chemical Management (SCM) in the textile and leather industry through the ZDHC RtZ Programme	Prasad Pant, ZDHC
	Award Ceremony	
10:20	Catalyzing the Change: ZDHC Platforms to create the impact on Roadmap to Zero ZDHC Gateway/Supplier platform/Academy - 2024 & 2025	Saket Kulkarni, ZDHC
	Supporting stakeholders in developing a culture of SCM: The Role of Regional Team	Lydia Lin, ZDHC Saket Kulkarni, ZDHC
11:00	Panel Discussion - How associations can build a culture of SCM in the fashion industry Moderated by : Saket Kulkarni, ZDHC	Mezhi Selvan, TEA Janak Mehta, DPMAI Senura Dharmadasa, JAAF
 Tea Break 11:30- 11:45		
	Exploring the role of chemical innovations in building a culture of sustainable chemistry	Karthikeyan KS, Proklean
11:45	Leading the Way: Innovative chemical solutions for sustainable practices in fashion industry	Maduri Prasanna, Stahl
12:45	Panel Discussion: Enhancing the culture of SCM in the Fashion Industry Moderated by : Prasad Pant, ZDHC	Shyam Phadke, Hohenstein Mahesh Phadke, TFL Quinn India Pvt Ltd Niraj Singh, Bureau Veritas
 Lunch break 13:15 -14:30		
14:30	ZDHC Quiz	
	What's new from ZDHC Competence Centres	Prasad Pant, ZDHC
14:40	1. Sustainable Chemical Management 2. Water 3. Air & Fibres	Pushkar Shejwalkar, ZDHC Tejas Edvankar, ZDHC
15:10	Achieving business sustainability through ZDHC RtZ Programme	Dunstan Weragala, Hayleys Fabric PLC Ishara Perera, Teejay
15:40	Panel Discussion: Brands Strategies for cultivating a culture of sustainable chemical management in their supply chain Moderated by: Prasad Pant, ZDHC	Anura Silva, VS&Co Ashok Kumar, M&S Archak Pattanaik, Puma
16:25	Experience sharing on : 1. Chemical Stewardship Towards Sustainable Leather Making 2. Best practices in water management	Dr. Thanikaivelan Palanisamy, CSIR-CLRI Dr. Chaithanya Sudha & Dr. Abirami, ICCW
16:55	Key Takeaways & Conclusion	Saket Kulkarni, ZDHC
High Tea & Networking 17:00		

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R. Selvam

Ramamoorthy Selvam joined IAS in 2001 and has been allotted to Himachal Pradesh cadre. Before joining IAS, he had served as Agricultural Officer in the Govt of Tamil Nadu from 1996 to 1999. Since 1999 to 2001 he completed his training in Indian Railway Traffic Service. The important postings include Deputy Commissioner (Collector) in Lahaul & Spiti district and Hamirpur district, Special Secretary, Power, MPP, Non-Conventional Energy Sources, Special Secretary-PWD, Special Secretary-Revenue, Ex-officio Secretary cum Director-Department of Rural Development and Panchayati Raj, Registrar-Cooperatives, State Commissioner for Commercial Taxes and Excise. He also served in Government of India in various capacities since 2007 to 2014. He served in the Ministry of Home Affairs and as an advisor to Union Minister of Chemicals & Fertilizers in the Ministry of Chemicals and Fertilizers. He also served as Joint Director General of Foreign Trade in the Ministry of Commerce & Industry.



Dr. K J Sreeram

Dr K J Sreeram has been the Director of the CSIR-Central Leather Research Institute since November 2019. He is a fellow of the Royal Society of Chemistry, UK, and the Society of Leather Technologists and Chemists, UK. His specialization is in sustainable chemistry for the leather and allied sectors, where he has contributed significantly to the green chemistry of chromium-based industries. Some of his significant contributions include the reduction of chromium (VI) in chromite ore fines, semi-continuous recovery of chromium from tannery wastewaters, rare-earth-based pigments as alternatives to toxic metal pigments, and functionalized nanoparticles for collagen stabilization.



Mezhi Selvan

A Journey of Expertise and Passion: Mezhi Selvan's remarkable journey began at Poppys Knit Wear, and it was here that he was fortunate to receive guidance from the esteemed Padhmashree Dr. A. Sakthivel. This invaluable mentorship played a pivotal role in shaping his career. Today, he is widely acknowledged for his profound contributions to the textile and garment sector.

Mezhi Selvan's involvement in the textile and garment industry extends beyond his role at Gloria Casa Moda. He has taken on various pivotal roles within different industry associations, each contributing to the advancement and betterment of the sector.

Mezhi Selvan, also known as Mac, is an industry luminary, a committed leader, and a fervent advocate for sustainable practices and innovation within the textile and garment sector.



Karthikeyan KS

Karthikeyan is currently CEO of Proklean Technologies Pvt. Ltd., a company specializing in natural, non-toxic, and biodegradable products which replace conventional chemicals in variety of industries. Prior to joining Proklean, Karthikeyan has spent more than 2 decades in specialty chemicals industry in leadership roles across leading large global organizations like BASF, McKinsey and leading Indian business conglomerates like Reliance and Tatas. His work experience and expertise spans across Manufacturing, Sales & marketing, Strategy and Business building, Company Transformations, M&A and Go-to market. He has helped multiple specialty chemical companies across Asia and Europe in growth and business transformation programs.

Maduri Prasanna

Prasanna Maduri is responsible for implementing Stahl's strategy of Campus by catalysing positive change in the industry and stimulating cooperation between its stakeholders. He presents the case of sustainable development to students, customers, brands, industry associations, NGO's and universities. Prasanna Maduri holds a Bachelor's degree (B.Tech) leather – Anna University (CLRI), Chennai in 1996. He held different positions across 7 regions in India in Mumbai, Chennai, Hyderabad, Jalandhar, Delhi and Kanpur. Prasanna Maduri Worked over 20 years in BASF in Sales, New Business Development (NBD), Value Chain Marketing (VCM) with Brands like H&M, Hugo Boss, M&S, etc.



Shyam Phadke

Mr. Shyam Phadke, a Master of Technology graduate with a specialization in Textile Chemistry, brings a wealth of knowledge and experience to the forefront of sustainable practices in the fashion industry. With a robust background in textiles and surfactant manufacturing, he has been a driving force at Hohenstein for over three years. Currently serving as the Sustainability Manager for India, Mr. Phadke is dedicated to advancing sustainable chemical management and fostering innovation in the industry.



Dunstan Weragala

Dunstan Weragala is the Head of Compliance at Hayleys Fabric PLC, where he has nearly two decades of experience. He holds a Bachelor of Science degree and a Master of Science degree in Textile and Clothing Management. He oversees various aspects of factory operations, including social compliance, quality management, and chemical management.



Mahesh R. Phadke

Since 1991 working in the chemical manufacturing industry. 14 years worked in Disperse dyes, VAT Dyes, acid Dyes, and dyes intermediates, Agrochemicals-pesticides, and intermediates for Research and development. 18 years worked in Leather chemicals for Beamhouse, wet-end and finishing chemicals for Research & development, Quality & EHS management system, product safety and regulatory compliances. 2 years working as Head of Product safety and regulatory compliances for southeast Asia region at TFL.





Ashok Kumar

Ashok Kumar is currently working as a Sustainability Manager at Marks and Spencer, overseeing sustainability initiatives in India and Sri Lanka. He is a highly experienced sustainability professional with over a decade of experience in the textile industry. In his role, Ashok leads the development and implementation of sustainability strategies and evaluates supplier environmental performance. Before joining Marks and Spencer, Ashok worked with other renowned brands and chemical formulators, managing various environmental programs focused on water, chemicals, and circularity.



Anura Silva

Anura is a Fellow at SDC having 22 years of experience in wet processing, chemical marketing and at Brand. Anura is currently working as a Divisional Manager Chemical Management at VS&Co.



Archak Pattanaik

Archak Pattanaik is currently serving as the Teamhead of Environmental Sustainability at the PUMA Group, where he oversees the environmental sustainability of the global supply chain with a focus on climate-related issues. His key responsibilities include developing and implementing climate action strategies, managing environmental risks, and assessing the carbon footprint of materials and products through life cycle assessments (LCA).

With over 25 years of experience in various sustainability fields, Archak has worked on climate change mitigation, resource efficiency, environmental management systems (EMS) implementation and auditing, wastewater treatment, solid and hazardous waste management, chemical management and renewable energy.



Dr. Thanikaivelan Palanisamy

Dr. Thanikaivelan Palanisamy Thanikaivelan Palanisamy is a Chief Scientist at CSIR- Central Leather Research Institute, Chennai, India, with a PhD in leather technology from Anna University. He completed post-doctoral research at Texas Tech and Rice University. His work focuses on advanced materials, including nano, bio, composite, and bio-based leather-like materials. He has 140+ publications, 66 conference articles, an h-index of 39, and 29 patents. His “Waterless Chrome Tanning” innovation is commercialized in 180+ tanneries, and his bio-based leather-like materials are transferred to 4 companies. He is a recipient of several National awards and academic honors.

Dr M. Chaithanya Sudha



Dr M. Chaithanya Sudha has more than 12 years of research experience on various aspects of environmental management. She has worked extensively in Pollution Monitoring, Water Resource Management, Water Quality Assessment, Wastewater Treatment, with a particular emphasis on legal policies and Urban Environmental Policy Research. She holds a Ph.D. from the Centre for Water Resources and a Master's in Environmental Science, both from College of Engineering Guindy, Anna University Chennai. Additionally, she earned a Fellowship from the Indian Institute of Technology Madras. She is also an awardee of the prestigious SAWA (South Asian Water Association) Fellowship. Currently, she is working as a Senior Scientist (Water Management & Policy) at International Centre for Clean Water (ICCW) heading Hydro Informatics & Policy vertical.

Dr. Abirami Devadas



Dr. Abirami Devadas is an electrochemist and experienced researcher with a specialization in developing electrocatalysts for water remediation, supercapacitors, fuel cells, electrosynthesis, and advanced oxidation processes. She received her Doctorate degree from Bharathidasan University and was the post-doctoral fellow from Indo-French Centre for the Promotion of Advanced Research, France, where she worked on water remediation projects. She later joined as a Research fellow at NTU as well as NUS, Singapore and demonstrated a history of working in electrochemical synthesis, coating of nanomaterials, fabrication and designing of process and applications to various electrochemical technologies. She was involved in the scale-up process as well as the Technology transfer to the Ministry of Defence, Singapore. Currently, in her role Principal Scientist, Analysis and Validation vertical, driving the laboratory's daily operations, lab set-up and analyses of samples using scientific way, responsible for proper operation and maintenance, safety compliance of all analytical and laboratory instruments.

Ishara Perera



Ishara Perera is the Manager-Group Sustainability at Teejay Group, leading comprehensive sustainability initiatives across Sri Lanka and India. With over eight years of experience in environmental engineering and sustainability, she excels in implementing strategies and driving innovations in climate action, chemical management, and circular economy practices in the textile industry. Prior to her current role, she held key sustainability positions at MAS Holdings. Currently pursuing a PhD focused on Extended Producer Responsibility (EPR) in the textile sector, Ishara holds an MSc Eng. in Environmental Pollution Control Engineering and a BSc Eng. in Chemical and Process Engineering from the University of Peradeniya, Sri Lanka.



Janak Mehta

Mr. Janak Mehta is the President of The Dyes & Pigments Manufacturers Association of India (formerly The Dyestuffs Manufacturers Association of India). From 2018, he is the 1st Chairman of the Asia Dyestuff Industry Federation (ADIF) for 5 years.

Mr. Mehta is a nominated member in many Government Committees and international forums, including ITMA.

Under his leadership, DPMAI organised several Conferences notably Convention on Colorants. He led delegation to China Interdye Exhibition. Mr. Mehta was the Chairman of Conferences held in Coimbatore in 2013 and in Ludhiana in 2016 and 2022.



Niraj Singh

With 29-plus-year career in TIC industry and global retail supply chain, Niraj has diverse knowledge on over all Product Stewardship and Environmental Sustainability.

Instrumental in developing 'Chemical Inventory Management and Discharge Monitoring' tool 'BVE3' (Environmental Emission Evaluator), a tool recognised by ZDHC for Performance In Check Reports, Niraj paved the way for the Bureau Veritas' Sustainability Services (BV-Greenline). These services help brands, retailers and manufacturers establish and implement their 'Sustainability Vision' as well as address the challenges presented by hazardous chemical substances in the supply chain.

Based in the CPS headquarters, Hong Kong, Niraj leads in establishing and implementing division's technical governance policies within the global network laboratories. These policies ensure the network adheres to standardized procedures and practices. Leveraging his industry expertise, he consults and provides technical support and solutions to improve products and processes.



Senura Dharmadasa

Senura Dharmadasa is the Head of Sustainability & Compliance at Star Garments Group, leveraging over 7 years of experience in the apparel and newspaper printing industries. He holds a BSc (Hons) in Applied Sciences (Environmental Management & Chemistry) from the University of Sri Jayewardenepura in Sri Lanka and an MBA from Cardiff Metropolitan University in the UK. Senura is a member of the Institute of Environmental Professionals in Sri Lanka and serves on the Sustainability Subcommittee of the Joint Apparel Association Forum (JAAF). Additionally, he is a UNIDO-certified Energy Management Systems Expert, committed to advancing sustainable practices and compliance standards in the industry.



Tatheer Zaidi

Tatheer Zaidi is a Sustainability professional with an experience of around 2 decades in Micro Small and Medium Enterprises, Supply Chain Development with a key focus on Environmental Sustainability; Circular Economy; Occupational Health & Safety and Corporate Social Responsibility. Tatheer is associated with Solidaridad since last 10 years. He heads the MSME portfolio of Solidaridad in Asia region including their focus on Leather & Textiles sector. Solidaridad and ZDHC has a global collaboration.



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“At Hayleys Fabric PLC and South Asia Textiles Limited, we are deeply rooted in the ZDHC Roadmap to Zero program, establishing a benchmark in chemical management. Our priority is to safeguard the health and safety of our employees and the environment, while consistently delivering fabrics that comply with both RSL and MRSL requirements. Together, we are driving a sustainable and eco-friendly future for the textile industry”



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Our products – Safe to use and sustainable



TFL is deeply committed to sustainability and transparency in the leather industry as demonstrated by our active participation in the Zero Discharge of Hazardous Chemicals (ZDHC) initiative. As part of our commitment, TFL offers a comprehensive product portfolio that complies with the stringent requirements of the ZDHC Manufacturing Restricted Substance List (MRSL) Version 2.0 – almost all products are Level 3 certified. This ensures that our customers and business partners can be confident in providing environmentally friendly and safe solutions for brands and consumers.

TFL – Great chemicals. Excellent advice.

» www.tfl.com



CleanChain, built by ADEC Innovations, is a technology platform designed to help brands, manufacturers, and suppliers manage and improve their chemical, environmental, and sustainability performance across supply chains.

Chemical Management

- **ZDHC MRSL Conformance:** CleanChain supports conformance to the Zero Discharge of Hazardous Chemicals (ZDHC) Manufacturing Restricted Substances List (MRSL).
- **Chemical Inventory Management** Suppliers can upload and manage chemical inventories on CleanChain, track the use of chemicals, and identify opportunities to switch to more sustainable alternatives.

Sustainability Reporting

- **Performance InCheck Reports:** These reports provide insights into a supplier's chemical management performance based on their chemical inventories and ZDHC MRSL conformance.
- **ZDHC ClearStream Integration:** The platform integrates with ZDHC ClearStream to monitor wastewater testing results. This allows companies to assess the environmental impact of their processes and ensure compliance with ZDHC wastewater guidelines.

Supplier Management

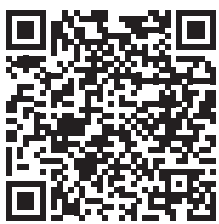
- **Data Sharing:** CleanChain enables transparent compliance and chemical management data sharing between brands, suppliers, and chemical formulators.
- **Performance Benchmarking:** Brands and suppliers can benchmark their performance against industry standards and identify areas for improvement through CleanChain's data analytics and reporting tools.

User-Friendly Dashboards

- **Centralized Platform:** The platform offers user-friendly dashboards where users can manage and track compliance across multiple facilities

Environmental Compliance

- **Wastewater Testing:** CleanChain's integration with UL Solutions and ZDHC ClearStream provides real-time insights into wastewater testing, helping suppliers comply with environmental regulations and improve water management practices.
- **Automated Reporting:** The platform automates compliance reporting, reducing the manual workload for suppliers and ensuring accurate, up-to-date data is always available.



Join leading brands and suppliers worldwide who trust CleanChain to navigate complex environmental challenges effortlessly.

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