



Confederation of Indian Industry

# Circular Economy - An Enabler for a **Safe, Secure and Sustainable World** - *Standards Approach*

**UL Standards and Engagement  
& CII IQ Collaborative  
Workshop #2**

Supported by



## **STRATEGIES FOR IMPLEMENTATION OF A CIRCULAR ECONOMY**

- *Standards Approach*



17:30 - 19:00 hrs IST | June 02, 2022

Virtual Programme

The Earth has limited resources to meet seemingly unlimited needs from its users. A systems approach to conserve resources at every level has always been relevant and has gained even higher importance in recent years. Moving from a take-make-waste, linear economy model to a more closed-loop, circular economy model, is an imperative for a safer, more secure and more sustainable world. The earth we are living on today is not inherited from our ancestors; it is what we have borrowed from future generations, and hence, it is our responsibility to hand it over to the next generation in the same condition as borrowed, or better. Achieving net-zero carbon dioxide emissions can help to make sure we can accomplish that goal. Circularity helps to pave the way forward for net zero, and it also serves as an enabler. Creating a circular economy requires systems thinking; for products, this means considering a product's end of life in the design stage, to ensure it is designed for recyclability, reuse or another second-life application. Through the development of circular economy standards, we can help to set consistent metrics for improvement, as underscored by the maxim, "What gets measured gets improved."

## THIS CAN BE ACCOMPLISHED THROUGH



Building common understanding of circularity



Building awareness on the various elements of circularity



Sharing case studies and success stories on circular economy models



Implementing standards for circular economy and circularity measurement



Helping India develop and advance its approach and implementation plan for circularity

## SPEAKERS



**Sonya Bird**

Director, International Standards  
UL Standards and Engagement



**Vipin Sahni**

Executive Director  
CII Institute of Quality



**Anupam Kaul**

Technical Adviser  
Quality, Metrology & Standards  
CII Institute of Quality



**Manjunath Vittala Rao**

Standards & Programs Manager  
South Asia & Sub Saharan Africa  
Underwriters Laboratories Inc.

## SESSION FOCUS

- Circular economy as an imperative for sustainable business: Outcome of workshop #1
- Government of India – Driving transition from linear to circular economy: expectations from industry
- Strategies on building a circular economy for all – US approach



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Underwriters Laboratories is a nonprofit organization dedicated to advancing the UL public safety mission through the discovery and application of scientific knowledge. We conduct rigorous independent research and analyze safety data, convene experts worldwide to address risks, share knowledge through safety education and public outreach initiatives, and develop standards to guide the safe commercialization of evolving technologies. We foster communities of safety, from grassroots initiatives for neighborhoods to summits of world leaders. Our organization employs collaborative and scientific approaches with partners and stakeholders to drive innovation and progress toward improving safety, security, and sustainability, ultimately enhancing societal well-being.

## INSTITUTE of QUALITY

CII Institute of Quality is the leading authority in Quality Enhancement among organisations and industries. Over the past century, CII has provided Indian Industries with the support, systems and tools to make a mark in the competitive world. It is realised that the best way to enhance an organisation's competitiveness is through the quality route.

What started as the Total Quality Management Division (TQMD) of CII in the mid-eighties, has now evolved as CII Institute of Quality. As a champion of the Quality movement, CII IQ is powered by the responsibility of enriching the lives of its members, improving their workplaces and making the world at a large, a better place by applying quality tools, techniques and systems. CII IQ provides the best of its kind training and consulting services to organisations to help improve their performance and set a standard of excellence.