

Abstract

Circular Economy – A Pathway to Resource Recovery and Recycling

The 21st Century is the Innovation era and the onset of the Fourth Industrial Revolution. This is the era when we will witness a major shift in the organization of global value chains. As Klaus Schwab, founder of the World Economic Forum has stated – “This is the era in which virtual and physical systems of manufacturing will globally cooperate with each other in a flexible way”. In brief, this is the era of innovation. In this presentation, Prof. Apelian will highlight the context of the paradigm shifts we are witnessing, and propose pathways to move forward. The focus of the presentation is on the circular economy as the way to create value in our waste streams and develop sustainable business models in order for the solutions for sustainability be sustainable and feasible.