

Measuring Ecological Footprint: Life Cycle Assessment Approach

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Abstract : In the recent time, an increasing interest in the analysis and efforts to reduce the environmental impacts generated by man-made activities has been seen widely being discussed and implemented by the society. The industrial processes are expressing their concern and showing keen interest in redesigning and amending the operation process leading to better environmental performance by upgrading technologies and adjusting the financial inputs. There are various tools available for the assessment of process and production of goods on the environment. Most methods look at a particular impact on the ecosystem. Life Cycle Assessment (LCA) is one of the most widely accepted and scientifically founded methodologies to assess the overall environmental impacts of products and processes. This paper looks at the tools used in India for environmental impact assessment.

Keywords : life cycle assessment, ecological footprint, measuring sustainability, India

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