

Road Map - Waste to Wealth †

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Abstract: Currently, depletion of resources is one of the major global issues, and additionally, consumption is increasing day by day. The waste to wealth concept review aims to promote sustainable development with emerging new technologies in this field. There are two ways to create wealth from waste. The first one is quality control application in industries to reduce waste from the process, which ultimately results in process optimization with reduced process cost, whereas the second way is proper utilization of unavoidable waste which will create revenue by reusing and recycling techniques applications. Proper waste management results in environmental benefits and economic aspects, preserving resources for future generations, and saving money from reduction. It is necessary to identify e-waste minimization opportunities and enable remanufacturing, recycling, reusing, refining, and reconditioning the material. Waste reduction is ultimately the creation of wealth.

Keywords: waste; wealth; recycling; environment; economics; reuse.

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Conflicts of Interest

The authors declare no conflict of interest.