

Sustainability, TRIZ and Packaging

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Abstract. There is a great need to increase sustainability in general and specifically of products and packaging. The paper aims at supporting efforts to improve future developments by identifying examples in the packaging industry and mapping these to existing trends.

A new general trend line to the existing TRIZ trend systematic is proposed and possible sub trends are presented. Furthermore, a classification to already existing trends are shown.

The analysis is limited to parts of the packaging industry and the found changes in this area but a transfer to other industries and the service sector seems possible without adding substantiating proof. The application of the proposed trends and sub trends could help to increase and measure product and packaging sustainability.

Keywords: Sustainability, TRIZ, Trends, Packaging, Need.