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ISO 14045

DRAFT TANZANIA STANDARD

**Environmental management-eco-efficiency
assessment of product systems-
Principles, requirements and guidance**

FOR STAKEHOLDERS' COMMENTS ONLY

National foreword

This Tanzania Standard is identical to ISO 14045:2012 (E), *Environmental management-eco-efficiency assessment of product systems- principles, requirements and guidance* published by the International Organization for Standardization (ISO).

Eco-efficiency assessment is a quantitative management tool which enables the study of life-cycle environmental impacts of a product system along with its product system value for a stakeholder. Unlike LCA, Eco-efficiency assesses both environmental impacts emanated from the life cycle of the product and economic value of the product. It focuses on business opportunities and allows companies to become more environmentally responsible and more profitable. Eco-efficiency integrates environmental and economic improvements, in doing so makes a business out of the challenge of sustainability. Application of Eco-efficiency standard in Tanzania will result in creation of more quality goods and services while using fewer resources and resulting in less waste and pollution.

Terminology and conventions

Some terminology and certain conventions in the ISO standards are not identical with those used in Tanzania Standards and attention is drawn to the following:

the comma (,) has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use a full point (.) on the base line as the decimal marker and

wherever the words "International Standard" appear in this Tanzania Standard, they should be interpreted as "Tanzania Standard".