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Food 4.0: Implementation of the Augmented Reality Systems in the Food Industry

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Abstract

The food industry is very resource-intensive and continuously under stakeholder's scanner to address the impact of climate change, resource scarcity, ever-changing consumer demands and stringent legislations. It has resulted in the food industry adopting Industry 4.0 initiatives for changes. In this context, one of the key focus is on enhancing transparency through Augmented Reality (AR) experiences. Although the food industry has seen a rise in the adoption of Industry 4.0 technologies, the implementation of AR remains significantly low. This paper defines AR, its benefits and challenges, and proposes a framework for AR implementation in the food industry.

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