

Functional Food Packaging: Role for Food and Environmental Sustainability–UBE Perspective †

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Abstract: With the continuous increase in the world's population, the global food wastage issue became prime importance. This needs to be addressed with a sustainable enhancement of food shelf life. Food waste happens at various value chain stages. Some of the waste is unavoidable, while the majority can be prevented. The world is looking for food packaging that will enhance shelf life as well as be environmentally sustainable. By this point, flexible packaging is one of the most sustainable packaging material choices on the market today. The packaging value chain has been working with enviro-friendly and sustainable, flexible packaging materials. Flexible packaging is a source of conversation within the food value chain. Flexible packaging innovations have resulted in a complex balance between performance, weight, functionality, production cost, recycle-ability, and sustainability. However, many consumers have yet to discover the sustainability and lower environmental impact of flexible packaging materials for food packaging. For UBE, Sustainability is always sustained and pursued with various challenges over history, offering sustainable solutions using knowledge and experience via functional packaging materials.

Keywords: functional food; packaging; sustainability.

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