



## Food Innovation based on Local Wisdom

## Dr. Ernö GYIMES Department of Food Engineering University of Szeged

## Summary

In 2024, the global population is projected to reach eight and a half billion. The food industry bears a significant responsibility to provide a sufficient quantity of healthy food for this vast population. However, food production also has the potential to impact the environment. It generates waste and requires energy to produce. Furthermore, food can also have unintended consequences on human health.

Nevertheless, it is crucial for the food industry to assume this responsibility and seize the opportunity to contribute to a more sustainable food system.

One of the key factors in competitiveness is to produce better, more sustainable, healthier products today than we did in the past. This could be regarded as the very definition of innovation.

In addition to the large human population, we face other challenges on the planet, and these also require innovative thinking.

For the food industry, efficient production, the management of scarce drinking water supplies, the reduction of packaging waste and the addressing of concerns about processed food are all topical issues. It is imperative that a solution is sought without delay. There is no need to be afraid or scared. It is necessary to plan for the future reasonably and objectively and to act. The modern age undoubtedly necessitates a novel approach to problem-solving, yet it would be remiss not to acknowledge the enduring wisdom and fundamental truths that have served humanity well throughout history.