



## Energy Efficiency and Management in Sustainable Food Industry

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Deadline for manuscript submissions:

**31 January 2025**

### Message from the Guest Editors

The food industry is one of the largest and most energy-consuming sectors. Since food demand is expected to rise substantially by 2050, food production needs to be increased accordingly. This Special Issue welcomes review papers, original research articles and case studies dealing with the vital role of energy efficiency and management in shaping a sustainable food industry. Research areas may include (but are not limited to) the following:

- Characterization and assessment of energy uses in food industry
- Methods and tools for energy performance benchmarking in food processing
- Best practices for energy efficiency enhancement in food industry
- Key trends and innovations for energy efficiency in food processing industry
- Assessment of energy efficiency improvement via waste heat recovery and valorization
- Consolidated and cutting-edge solutions for low- and medium-grade waste heat recovery in food industry
- Monitoring and control tools of energy efficiency measures
- Valorization of wastes from industrial food processing
- Industrial symbiosis to support the energy efficiency and sustainability of food production processes
- Innovative management practices for sustainable food production





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## Message from the Editor-in-Chief

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