

Abstract

Demand for Animal-Based Food Products and Sustainability [†]

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Abstract: The demand for animal-based food products is growing across the world, and many are consciously consuming a protein-rich diet. However, the growing consumption of animal proteins contradicts the Earth's ability to sustainably feed its population. Curbing emissions from agriculture, and especially from livestock production, is essential to fulfilling the Paris Agreement and shifting to a different diet, including EAT-Lancet's Planetary Health Diet, the flexitarian diet, and other ethically based dietary choices. Consuming modest or lower amounts of meat is viewed as one of the ways toward achieving sustainability. An increased focus on plant-based foods and other meat alternatives presents a strong potential for reducing agriculture-induced emissions and transitioning towards a more plant-based agricultural sector and underlines the need for worldwide national policies incentivizing this transition. The presentation explores whether consumers are ready to shift to a diet that is better for their health and that of the natural environment.

Keywords: animal proteins; plant-based food; cultured meat; insect; algae; sustainability

Supplementary Materials: The following are available online at https://sciforum.net/conference/IECA2020/keynote/1804210b099f73bb2936d5af9a3c3b3e/presentation_video/GMT20201130-215352_Diana-Bogueva-s-Zoom-Meeting_1920x1080.mp4.

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