



Nottingham Food Systems Institute. Source: University of Nottingham

## Nottingham Food Systems Institute

# CASE STUDY

Nottingham Food Systems Institute is aiming to transform food systems to meet global challenges, through a focus on three areas:

- 1. Risks and vulnerabilities in the food system:** food supplies are threatened by extreme weather, diminishing water supplies and geopolitical instability, such as the war in Ukraine. How can we make our food system less fragile and more resilient?
- 2. Sustainable livelihoods across the value chain:** our food system is inequitable, concentrating value with food manufacturers and retailers. How can we ensure the economics of food are fairer, with health and sustainability at its heart?
- 3. Food insecurity and diet-related ill health:** more than 800 million people on the planet are undernourished, while obesity rates are rocketing. Poor diet is the highest risk factor for death among adults globally. How can we reduce this toll on health?

The Institute brings together researchers from across disciplines and works with industry and policymakers to deliver solutions to transform the food system, from production and processing, through to transport, consumption and waste, and builds on the £14m investment in the Future Food Beacon which leveraged an additional £30m and also included the [Nottingham Food Innovation Centre](#).

The Institute's mission is to ensure access to palatable, healthy and sustainable food for all, while protecting and regenerating the Earth's natural resources in the face of climate change.

Jack Bobo, Director of the Food Systems Institute, sets out their mission as:

*'The establishment of the University of Nottingham Food Systems Institute comes at a critical moment. Food production has outstripped a growing global population, dramatically reducing hunger.*

*However, that bounty has come with a cost, contributing to deforestation and biodiversity loss as well as rising obesity and diet-related chronic diseases. The food system is wildly complex and needs a more holistic, coordinated approach to these challenges.*

*Our vision is to rethink how food is farmed, processed, transported and consumed and to develop new technological and economic models that drive positive change.*

*By enabling transdisciplinary research, the Food Systems Institute will allow experts to share knowledge and insights and secure a future where sustainable food production feeds the world, preserves our natural resources and protects the delicate balance of our planet.'*



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