



Lynette Kucsma

Co-founder of Natural Machines

Main product: Foodini

Aim: To produce a full range of innovative kitchen solutions to improve food quality and reduce food waste



naturalmachines.com

@NaturalMachines

Natural Machines
Lynette Kucsma

natural.machines.
foodini

A 3D food printer for sustainable and fresh food

The project

The idea

Our goal is to produce a full range of innovative kitchen solutions, like our 3D food printer, thereby improving the quality and enjoyment of food, making it easier to be in full control of all your food, and having a positive environmental impact by reducing food waste.

Understand that individual behaviour can contribute to significant change.

Inspiration

It all started as a conversation with a friend who owned a vegan bakery and was expanding her business outside of the country. Rather than manufacturing in a central location and shipping out the final product, the idea of a mini-manufacturing kitchen appliance in many individual locations surfaced, thus slashing the costs of central manufacturing and distribution, while minimising the complexity of making the goods themselves.

Unique selling points

We shrunk a large food manufacturing facility down to a stylish appliance for your kitchen counter. The big difference is that with the Foodini, you can actually use your own fresh ingredients.

Societal impact

Rather than be over-reliant on packaged, processed foods, people can personalise their meals, eat more healthily, improve kitchen efficiency, and lower food waste.

EIT Community support

The EIT Community has helped us connect to and work with top-tier partners, fast-track relationships, and realise our project goals faster and more efficiently.

Supported by:



Generated funding:
EUR 4 900 000

Challenge:
Sustainable 3D food printing

Prizes:
CNN's "Tech superhero to watch", Wall Street Journal's "Six technologies that could shake the food world"

Overcoming adversity

Every start-up, every entrepreneur, needs to overcome obstacles somewhere along the way. It may be particularly so as a female co-founder, but I tend to think about how to surpass them as an entrepreneur, not just as a woman!

The nominee

The beginning

I became interested in 3D printing when my husband once came home from work and told me a 3D printer had been installed in his office. I couldn't quite wrap my head around how a printer could create something in 3D. It was intriguing.

Rewarding moments

I'm a co-founder of a company that I absolutely love, and I have tremendous passion and drive to do what I do. Being recognised and nominated for what I cherish, is extremely rewarding.

