



Keynote Session	Leading Pilot Facilities for the Bioeconomy (Pilots4U)
Title	Catalysts for Innovation: Empowering Fermented-Protein Production with Tetra Pak
Company	Tetra Pak
Speaker	(1) Lena de Mare
	(2) Kamila Lopes Abelha (back up)
Keywords feedstock (max 2)	We can work on processing first and second generation of feedstocks.
Keywords technology (max 2)	USP, DSP
Keywords End-Product (max 2)	Food ingredients

Abstract:

Unlocking Scalable Innovation in Fermented Food Ingredients

Scaling biotech-driven food innovations is complex. Limited infrastructure, lack of specialized expertise, cost and fragmented development environments can slow down the journey from lab to market.

Tetra Pak empowers food innovators to overcome the scale-up barrier in fermentation-based product development.

Through a combination of advanced infrastructure, deep technical expertise, and collaborative development platforms, we enable a faster, safer, and more reliable path from concept to commercialization, capturing critical time-to-market advantages and minimizing scale-up risks.

What we offer:

The New Food Technology Development Centre (TDC) is a purpose-built facility that turns biotech-driven ideas into commercially viable and competitive solutions.

Our value:

By partnering with our TDC we provide access to:

- **State-of-the-art infrastructure** for ingredient development (define, refine, scale and validate)
- **Decades of expertise and experience** in large scale food production in Tetra Pak
- **Expert guidance** to ensure ingredients performs outstanding in final applications
- **Integrated pathways** to our Product Development Centres, located globally, for formulation and validation
- **Uncompromising standards** in food safety and quality assurance

Driving the Future of Bioprocessing Innovation:

To further expand scale-up capacity and address global facility shortages, we collaborate with **Biotech Heights**—a pioneering hub founded in 2023 by **Tetra Pak and Lund University**, with support from **Vinnova**. This initiative enables our partners and customers:

- **Lab-to-pre-pilot scaling** for fermentation technologies
- **Public-private collaboration** to foster innovation and fundings
- **Circular value creation** by repurposing industrial by-products

*Tetra Pak Technology Development Centre and Biotech Heights form a powerful ecosystem that transforms promising ideas and concepts into real-world innovations that shape the future of food that meets both **consumer expectations** and **market demands**.*