

# Retortable mono-material laminates - Barrier is key

## Information

**Description:**

The development of recyclable, high-performance packaging solutions is one of the central challenges facing the flexible packaging industry. In particular, retort applications demand materials that can withstand extreme thermal and mechanical stress while maintaining product safety, shelf life, and quality.

Mono-material laminates are widely regarded as a promising pathway toward improved recyclability. However, achieving the necessary barrier properties for sterilization processes remains a critical hurdle. The interplay between oxygen, moisture, and aroma barriers—combined with the impact of retort conditions—requires in-depth material understanding and innovative design strategies.

This Inno-Talk brings together industry experts to explore the latest developments in retortable mono-material laminates. The focus is on practical solutions, material innovations, and realistic pathways to combine recyclability with high barrier performance.

Participants will gain insights into:

- Current material solutions and their limitations
- The role of barrier layers and coatings in mono-material structures
- Market trends and regulatory drivers shaping future developments

Join us for a focused exchange of ideas, experience, and practical approaches to one of the most demanding applications in flexible packaging.

**Target group:**

This Inno-Talk is aimed at professionals across the flexible packaging value chain who are involved in developing, evaluating, or implementing retortable and recyclable packaging solutions. It is particularly relevant for experts working on barrier materials, mono-material concepts, and high-performance applications in food and pet food packaging.

**Level:**

**Level 3** - Previous knowledge is useful

**Further information:**

duration: 1:25h

**Event code:**

**INE-09-26**

**Times:**

Friday, 18. September 2026, **13:30 - 14:55** o'clock

**Event price:**

*Free participation*

**included in the price:**

Participation certificate and event documents are included. For events on site, food and drinks are also included during the event. All prices plus VAT, travel and accommodation costs.