

**ECS
BROKERAGE
EVENT**

SME Pitches

PiBond Oy

PiBond

Hanna Luusua, Product Manager

PiBond Oy

Hanna.Luusua@pibond.com

PiBond at a glance

We design, manufacture and supply advanced materials

- Our unique materials are used in the latest electronic devices as part of microprocessors, memory chips, sensors and displays
- HQ, Production and R&D in Finland – **Advanced Materials Made in Europe**
- Headcount globally is ~100 persons, out of which 39% in R&D



PiBond Product platforms

Litho chemicals

For i-line, KrF, ArF, EUV, e-beam

Silicon Bottom Anti-Reflective Coatings (SiBARC)

Organic Bottom Anti-Reflective Coatings (OBARC)

Spin-on Carbons (SOCs)

Novel inorganic photoresists



NODE SHRINK

Spin-on Dielectrics

Spin-on Glass

Low κ Dielectrics

Optical Dielectrics

Patternable Dielectrics



INTEGRATION



Packaging materials and dielectrics

Polymer composites

Optical materials for photonic integration and interconnects

Dielectric materials for HBM / AI Chiplets



PACKAGING

ECS BROKERAGE EVENT

PFAS free solutions for all product segments

Mitigation of PFAS generation and emission through materials and process innovation

Sustainable material alternatives



SUSTAINABLE SOLUTIONS

Material innovations are essential to enable new technologies

PiBond Activities in Collaborative Projects

- Partner in **CHIPS JU project GENESIS** developing sustainable, PFAS-free material solutions for the semiconductor industry 2025-2028



- Partner in CHIPS JU proposal HEMISYS
- Received EIC Funding and participated in multiple nationally funded collaborative projects

PiBond Collaboration Expectations

We provide **advanced material development expertise** to support European semiconductor industry

- Valuable partner for low TRL projects where material development is needed (litho / BEOL / packaging)



One of the only European advanced material suppliers – **materials are designed and produced in Finland**

- We contribute to the **localization of critical semiconductor materials supply chain in Europe**



Thank you!

Don't hesitate to reach out during and after the event



CONTACT INFO

Hanna Luusua, Product Manager

PiBond Oy

Hanna.Luusua@pibond.com

PiBond