EMPPA
EUROPEAN MOULDED PULP PRODUCERS ASSOCIATION

Molded Fiber at the Turning Point

The industry is leaving the laboratory.
What we decide now defines the next thirty years.

- ➔ Material science, fibre engineering and automation are converging.
- ➔ Hollow-body geometries — bottles, containers, tubes — are leaving prototype status.
- ➔ Stable cycle times and industrial-grade quality have been achieved — at growing volume.
- ➔ Material base suitable for recovered-paper streams — coating product-specific.
- ➔ PPWR applies from 12 August 2026 — detail rules partly still open.
- ➔ Commercially viable — from demonstrator to market reality.

SPEAKER

Tahsin Dag

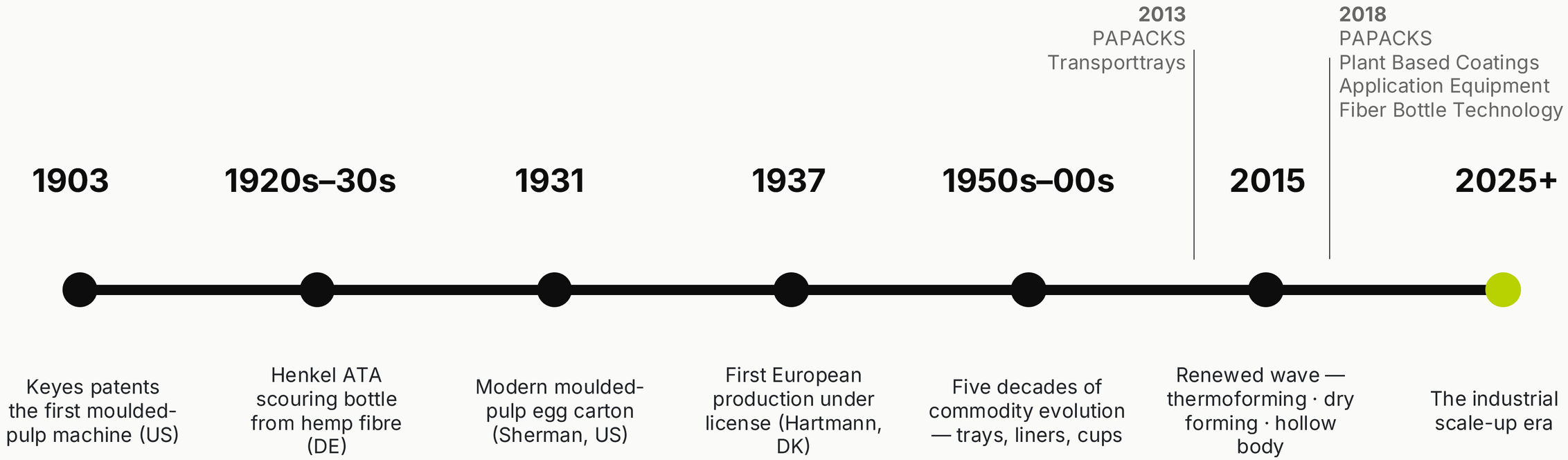
President of the EMPPA
European Moulded Pulp Producer Association

Founder & CEO
PAPACKS®

"The future of industrial materials will not be decided in the laboratory, but in scaling."

A SHORT HISTORY

Molded Pulp / Molded Fiber



Not a new technology.
A category that stopped expanding — and is expanding again.

WHERE THE INDUSTRY STANDS TODAY

An Industry in Transition

5.5

Bn USD market

Global moulded-fibre market (Mordor Intelligence, 2025)

8.1

% CAGR Europe

Fastest-growing region (Grand View, 2025-2030)

100

Plastic bans

Over 100 jurisdictions worldwide · Demand driver

39

% trays of market

Hollow bodies barely tracked — the category gap

The market is growing. But the growth is in the commodity segment.

Thinking Sideways

We show, from PAPACKS' own work, how lab-to-line can be overcome: one tool travels. Four operations. One part.

01

Forming

Fiber slurry drawn into the tool under vacuum.

02

Drying

Dewatering + thermal drying inside the same tool.

03

Coating

Plant-based barrier applied without handover.

04

Release

Finished part ejected — no repositioning, no warpage.

Tooling cost can be reduced structurally

Hollow-body dimensional stability becomes a routine output.

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There are international patents and trademark applications of PAPACKS® regarding technology and manufacturing processes.

PAPACKS® MODEL S10
PAPACKS®
PACKAGING BY NATURE

TAKE ONE HOME

Pick one up

Hollow-body forming.
Yours to take.

Scan the code for more information and contact.

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THE HONEST PART

Entry Barriers for Molded Fiber

Why the category is still smaller than it should be.

01	Lab to line	Not every lab solution survives the production floor.
02	New geometries, new machines	Each new part can require a new machine architecture — capital-intensive, slow.
03	Incomparable data	Every supplier measures differently. Brand owners cannot compare apples to apples.
04	Regulatory lead time	FDA, BfR, food-contact, home-compost — every developer starts the clearance cycle from scratch.
05	First-customer tax	The first customer for a new geometry pays for work the whole industry will benefit from.

A PROPOSAL TO THE INDUSTRY

An Institute for Molded Fiber

PAPACKS as anchor. EMPPA as forum. Open to the industry.

For brand owners & cooperates

Bring your packaging challenge. Share the development cost. Get to production faster than any single supplier could take you.

For producers & technology

Plug into a tested stack — raw material, pulp prep, forming, drying, coating. Add your own innovation. Don't rebuild what has already been built.

For regulators & associations

One place to generate the comparable, pre-competitive data our category is missing.

PAPACKS will build it. The industry decides what it becomes.

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CLOSE

Let's build the next Floor together

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