

Toward a Circular Economy for Labels

# Overview

September 2021

#### Global



#### Target 2022

- 1. 50% of all Liner Recycled
- 2. Landscape matrix recycling outlets. *Engaging with consulting firms to match industries with the matrix waste. Pilot in EU, if successful roll out to other regions.*
- 1. Endorses a platform of solutions for liner and matrix recycling
- 2. Provides research on recycling processes and industries with demand for recycled content from liner and matrix
- 3. Communicates progress across regions

#### Platform of Solutions



















## Why Join CELAB?

- Our vision is to create a sustainable pressure sensitive labeling industry by offering solutions and providing education to enable matrix and liner recycling.
- Our consortium offers members a unique forum for networking with other company representatives around the world and throughout the matrix and liner recycling sector.
- We have the active participate of members' sustainability executives, technical experts, marketing leaders and others who work together in workstreams that focus on identifying solutions to increase matrix and liner recycling through research, technical discussions, information gathering, and educating stakeholders, policymakers and the public.
- The recycling solutions offered by CELAB are based on research and analysis and are inherently technology- and solution-neutral.
- CELAB retains legal counsel to ensure full compliance with laws and regulations, including antitrust/competition laws.





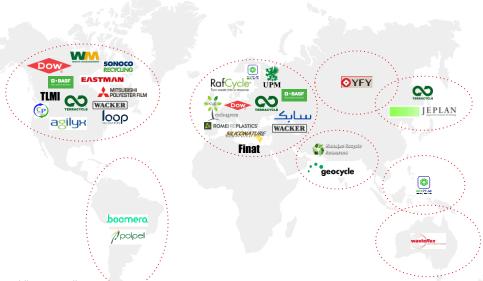
### Investment in the Industry

In 2020, we launched an industry consortium to build a platform of recycling solutions, further expanding the network of solutions available to the industry. The consortium performs research on the best practices of matrix and liner recycling, shared with recyclers and across regions as well as engage with other associations and third parties to accelerate exploration of new outlets for materials.



# Industry continues to develop recycling outlets for matrix and liner

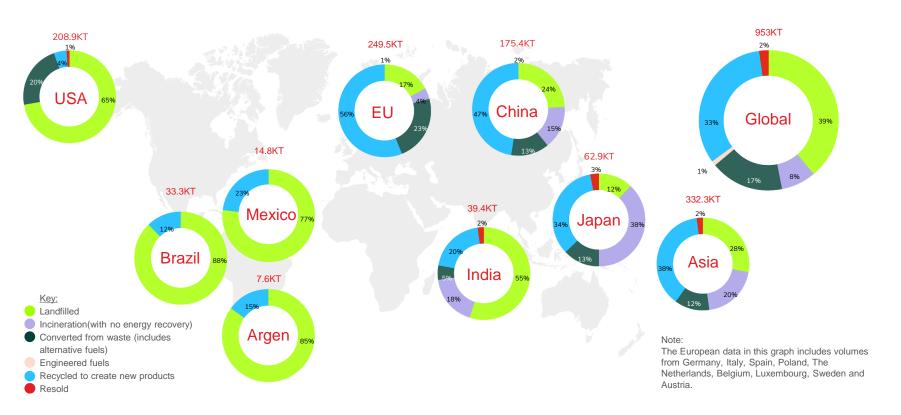
- Trade associations (TLMI, Finat) continue to push for economical matrix and liner recycling from AD + competitors
- 2. Mainstream waste management companies are increasing recycling capability
- 3. Third party waste aggregators are efficient in designing network, logistics and quality parameters
- 4. Demand for recycled content is creating a market for quality recyclables



Matrix and Liner Recycling target: 70% of PS industry has access to matrix and liner recycling.

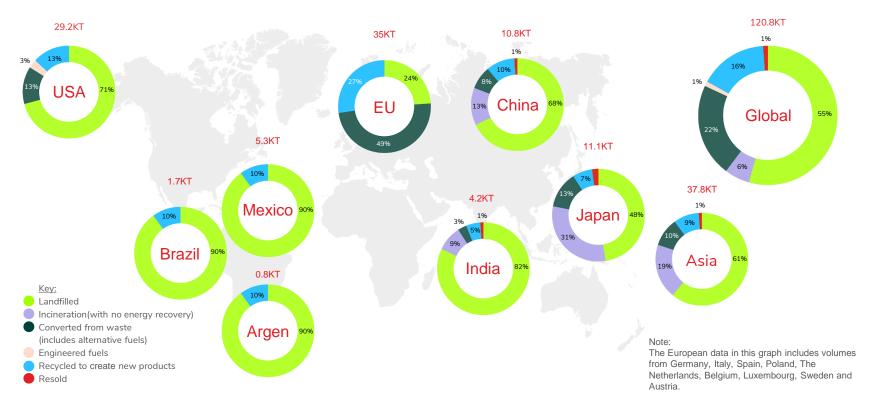
### Global release liner paper recycling rate: Main countries

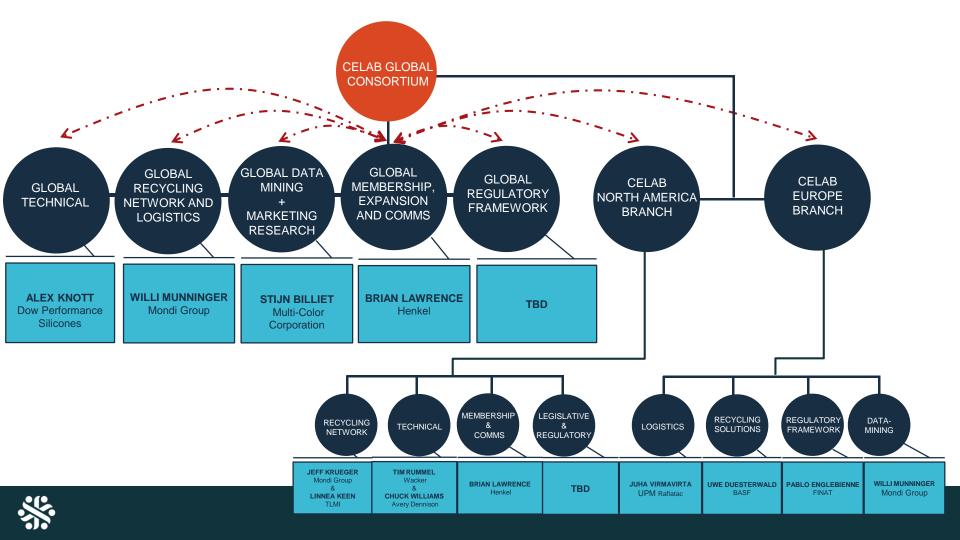
2019 AWA Release Liner Study, Paper Liner



#### 2019 AWA Release Liner Study, Filmic Liner

### Global release liner film recycling rate: Main countries





## CELAB Activities (Global and North America)

CELAB Workstreams meet on a regular basis and are actively planning numerous activities.

<u>CELAB Global</u> – Commissioned a major study, *Valorizing Matrix Waste produced by the Label Industry*, that is in the field and will be completed in the next several months.

CELAB Global Technical Workstream - published a new White Paper on Filmic Release Liner

<u>CELAB North America Recycling Network Workstream</u> – Working on a heat map of liner recyclers – Chicago area pilot program; participation in conferences; one pager for converters; outreach to other recycling organizations

<u>CELAB North America Technical Workstream</u> – Case Study: *Liner Recycling in the U.S. compared to Europe from an Applicator's Point of View;* other case studies underway



## **CELAB Global Members**

Ahlstrom-Munksjö

**Avery Dennison Corporation** 

**BASF** Corporation

**Dow Performance Silicones** 

Elkem

Henkel

Loparex

Mactac

Mitsubishi Polyester Film, Inc

Mondi Group

**Multi-Color Corporation** 

PolyPlex

**UPM** Raflatac

Sappi Europe

Siliconature

Wacker Chemie



## **CELAB Global Executive Board**

**President** – Tina Hart, Avery Dennison – <u>Tina.Hart@averydennison.com</u>

Vice President – Ed LaForge, Mactac – etlaforge@mactac.com

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Workstream Leader: Membership, Expansion and Communications – Brian Lawrence, Henkel - brian.lawrence@henkel.com



## **CELAB North America Members**

Ahlstrom-Munksjö

Association of Plastic Recyclers

**Avery Dennison Corporation** 

**BASF** Corporation

**Dow Performance Silicones** 

Elkem

**FLEXcon Company** 

Green Bay Packaging

Henkel

Innovia Films

Kruger Inc.

Loparex

Mactac

Mitsubishi Polyester Film, Inc

Mondi Group

PolyPlex

Sonoco Recycling

Sustana Fiber

Synthomer

TLMI

**UPM Raflatac** 

**Verso Corporation** 

Wacker Chemie

Wausau Coated Products, Inc.



## **CELAB North America Executive Board**

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## **CELAB Europe Members**

Ahlstrom-Munksjö

AMC AG – Division Intercoat

Avery Dennison

BASF SE

CCL

**Delfort** 

Dow Silicones Belgium

Elkem

Evonik Fedrigoni

Group/Arconvert-Ritrama

Fredrigoni Group/Arconvert-

Ritrama

Felix Schoeller

**FINAT** 

Gipea

Henkel Iberica

Herma

**ITASA** 

Lecta-Adestor

Lintec

Loparex

Mitsubishi Polyster Film

Mondi

Momentive

Siliconature

Taghleef Industries

Toray Films Europe

**UPM Raflatac** 

**UPM Specialty Papers** 

Wacker Chemie



# **CELAB Europe Steering Group**

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## **CELAB Membership Dues**



**\$10,000** annually



**\$10,000** annually: Pressure sensitive label manufacturers

\$5,000 annually: Supply chain manufacturers



For Europe membership information, contact Ophélie Gourdou (Project Manager) at <a href="mailto:ophelie.gourdou@cairn-consulting.com">ophelie.gourdou@cairn-consulting.com</a> or Jules Lejeune (FINAT) at <a href="mailto:managing.director@finat.com">managing.director@finat.com</a>



# **Anti-Trust Compliance Statement**

CELAB: Creating the Circular Economy for Labeling is committed to full compliance with laws and regulations, including antitrust/competition laws. Accordingly, meeting participants should not discuss topics or share information that may constitute or result in possible anticompetitive behavior, including non-public information regarding pricing or items related to price, supply, capacity, bids, markets or market shares, customers or terms on which they deal with customers, or strategic plans. In order to avoid any wrongdoing or perceived wrongdoing as a result of participation in meetings sponsored or organized by this group, neither this group nor any of its members will use this forum as a means to sponsor, facilitate, or knowingly be a party to any agreements, whether express or implied (except where necessary to further the purpose of the group). Any views, opinions, or positions presented or discussed by meeting participants are the views of the individual meeting participants and their organizations and are not intended to represent an agreement between meeting participants. Each meeting participant will continue to make independent business decisions, and is responsible for ensuring its own compliance with antitrust/competition laws. No member will be required to provide any information regarding its business or competitive practices and policies. Each member should consult its own legal counsel should it have concerns or questions regarding antitrust issues or risks posed by the activities of CELAB. If you believe any group discussions or activities may violate these guidelines, you should object to the discussion, immediately disassociate from the activity in question, and leave the meeting if the discussion or activity continues.



## **Contact Information**



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