



# Recycling Capability of Release Liner

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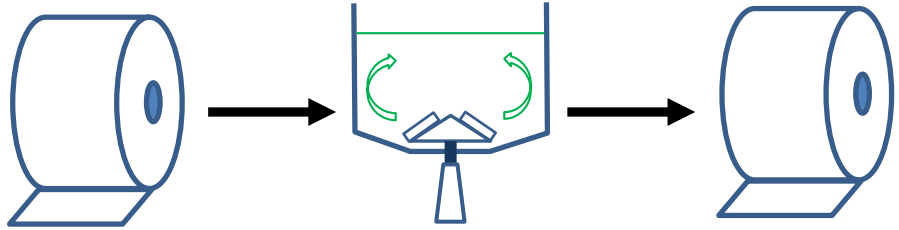
# Technical Review – Liner & Matrix Recycling

- VISION – “Create a sustainable pressure sensitive labeling industry by offering solutions and providing education to enable matrix and liner recycling.”
- Liner recycling .....
  - Already exists at ‘some’ scale in Europe (Market Study)
  - Relatively narrow range of materials.
- Matrix recycling .....
  - Very limited examples of recycling currently.
  - Broad range of raw materials used.
- Different sources for two waste streams.
- Initial focus has been on LINER recycling



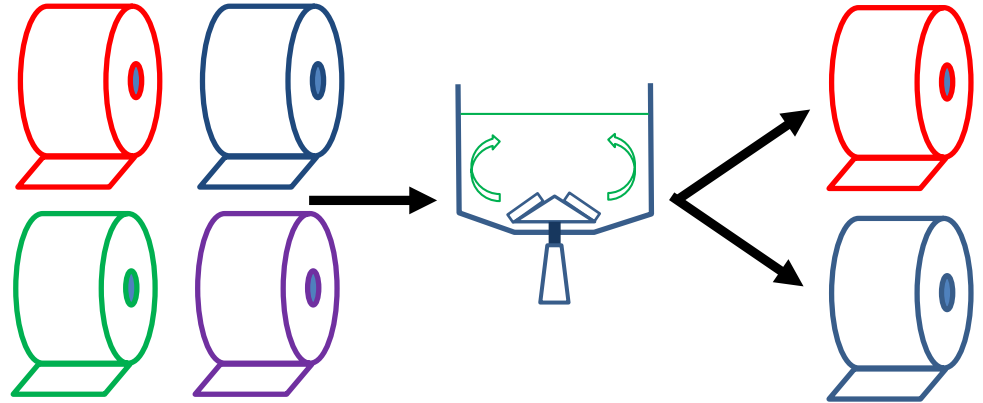
# Technical Review – Current liner handling options

1. Release Liner recycling in separate stream. (e.g. C4G/UPM)



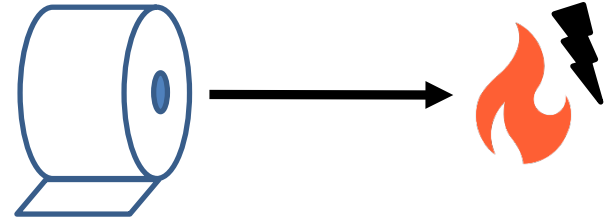
## CURRENT SITUATION

2. Liner recycling in current 'waste paper' recycling stream (multiple grades of paper)



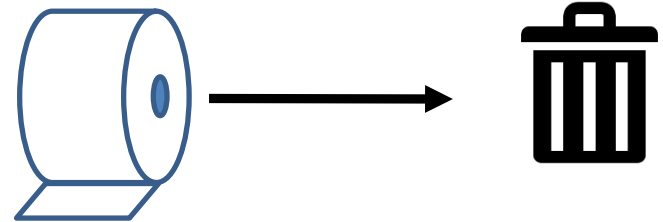
# Technical Review – Current Liner handling options

3. Release Liner incinerated  
(maybe for energy generation)



## CURRENT SITUATION

4. Liner to landfill



# Technical Review – Growing the portion of recycling

- Understand the existing recycling technology and “bust” some of the existing ‘myths’ in the market
- Gather information on current recycling processes, understanding of limitations on;
  - Process limitations
  - Equipment limitations
  - Paper end use limitations
- Prepare communication on technology of recycling of liner to share with the wider label industry.
  - White Paper on Paper Liner Recycling
  - White Paper on Filmic Liner Recycling



# Technical Review – Recycling actions

- White Paper on Paper Liner Recycling
- Included input from
  - Raw Materials producers (paper and silicone)
  - Recycled Paper producers
  - Recycling companies (collection)
  - Industry organisations (especially paper producing)
- Understand impact of release liner not only on final recycled paper product but also impact on paper process.
- Provide basic technical information on recycling on a ‘global’ basis, without sharing ‘proprietary’ process information.



# Technical Review – Current Priorities

- White Paper on Paper Liner Recycling – Share it as widely as possible
- Share within the current Label industry – Presentation for industry events
- Share at adjacent industry events – Where the labels are *used* and the liner waste is being generated



# Technical Review – Other actions

- White Paper on Filmic Liner Recycling – In process
- Set-up of Industry Liner Grade Definitions
  - Make it easier for different liners to be recycled with the most appropriate stream
  - Separate list of definitions for papers and films
  - Modify to suit variations across the globe (Glassine – Europe, SCK – USA).
  - On Hold
- Gather and share case studies of where/how release liner can be recycled.

