

Welcome to the Symposium

INTRODUCTION

Thomas Krauthauf
International Association of the Deinking Industry
(INGEDE)

30th INGEDE Symposium

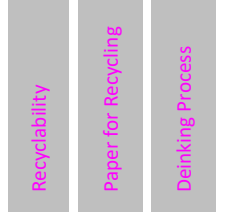
2nd March 2021

online



INGEDE Symposium

Welcome



17 External speakers

> 130 Participants

30 %

Printing/Converting industries & suppliers

60 %

INGEDE Members, Partners & Officials

Paper Industries & suppliers

Representatives of waste and resource management

10 %

Representatives of authorities, Ecolabels and standardisation bodies

Universities, schools and institutes

13 Press and media representatives

- Countries: All over Europe, Israel, Japan, Russia, USA

INGEDE

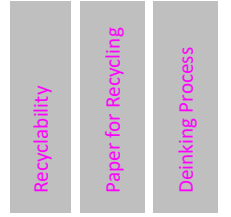
INGEDE is the organisation of deinking mills.

INGEDE was founded 1989
by 12 companies.

Today, 24 mills in Europe
with deinking plants are
members of INGEDE.

In addition, INGEDE has 11 partners –
companies in the
paper recycling value chain

INGEDE Symposium 2021



INGEDE Activities 2020

- **8 INGEDE Projects financed and conducted,**
- **4 Third-party funded projects supported**

- **Numerous meetings in the value chain (mainly online)**

- **11 standardisation meetings (online)**

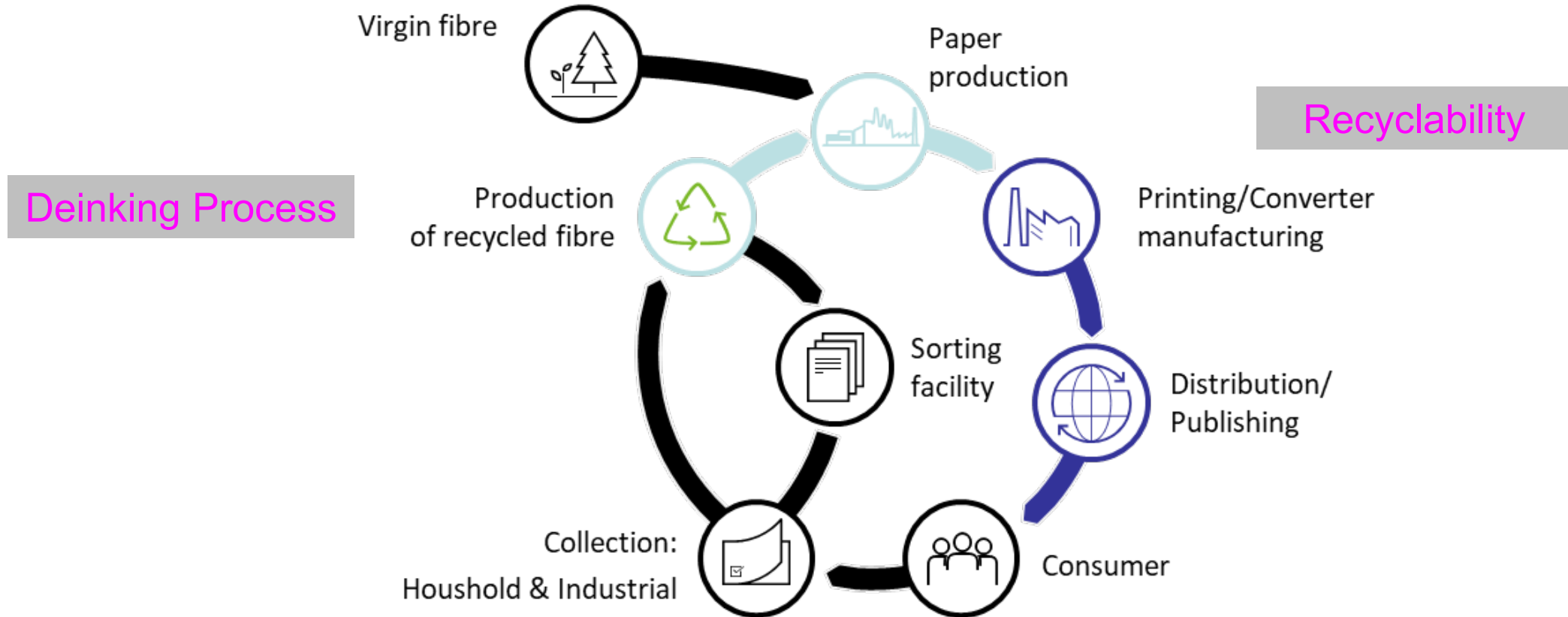
- **3 participations at conferences and events (1 with lecture)**



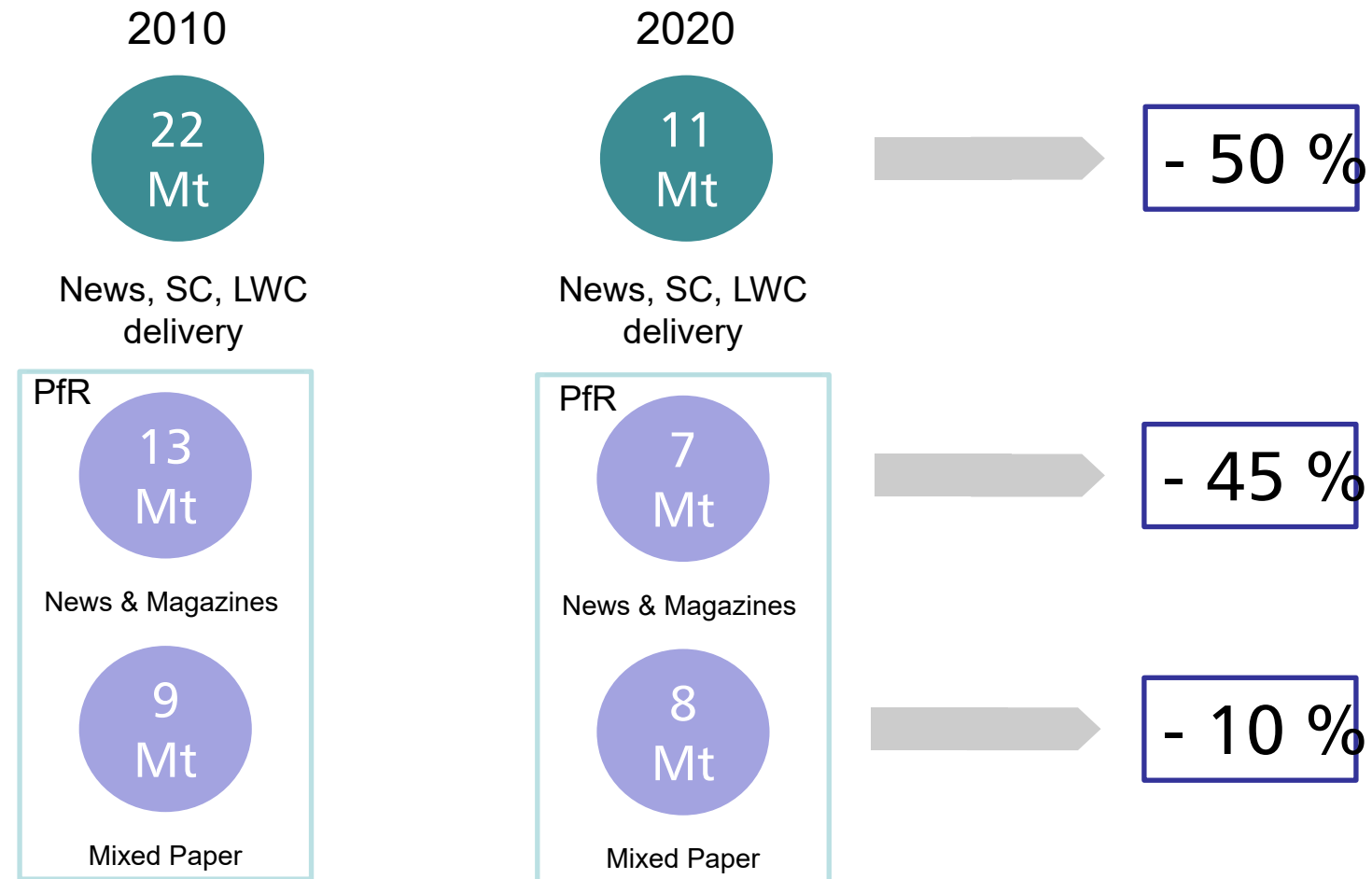
bvdm.



INGEDE thematic pillars in the paper value chain



Paper for Recycling – Availability of Deinking Grades in Europe



Paper for Recycling

Availability of Deinking in Europe

2010

22 Mt

News, SC, LWC delivery

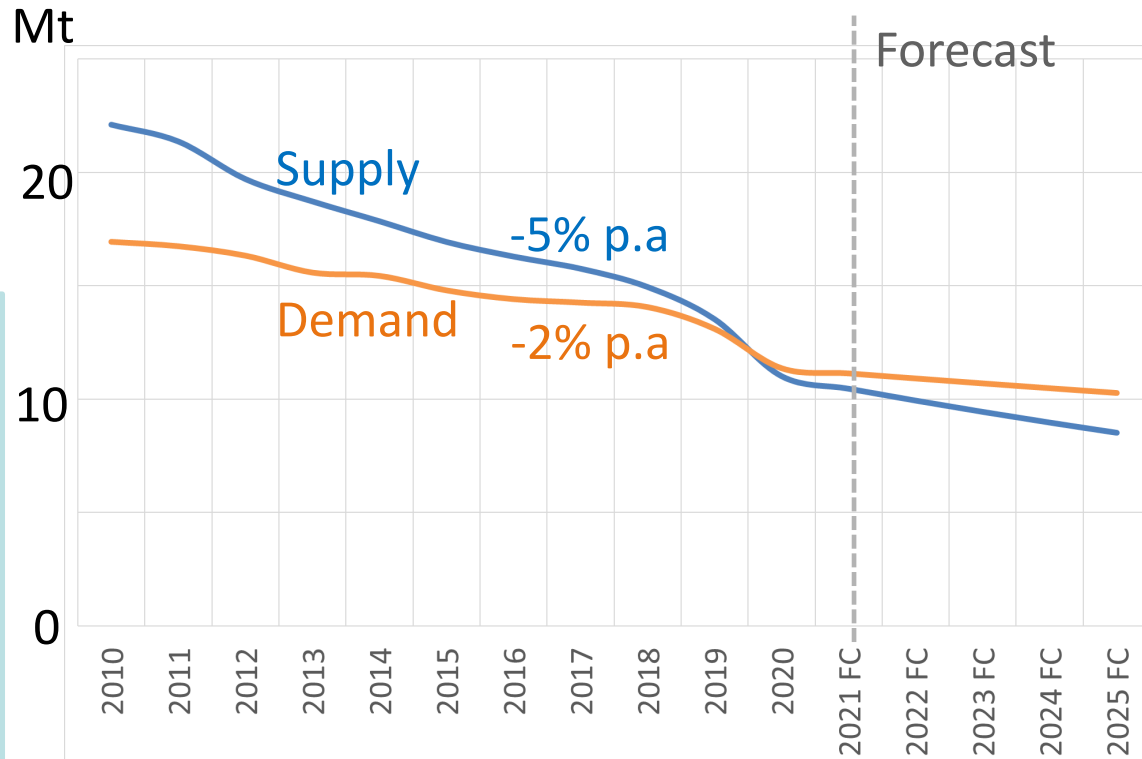
PfR

13 Mt

News & Maga

9 Mt

Mixed Paper



2020

11 Mt

News, SC, LWC delivery

PfR

7 Mt

News & Maga

8 Mt

Mixed Paper

Mt: Million tonnes per annum
50 % Deinking grades in Mixed Paper
CEPI statistics, UPM

INGEDE Thematic Pillars – General Trends

Recyclability

Paper for Recycling

Deinking Process

Recyclability

- Higher diversity of printing technologies
- New Inks in conventional printing
- New converting technologies and materials

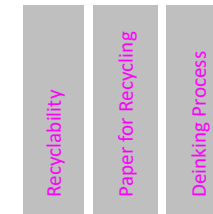
Paper for Recycling

- Declining availability of deinking grades
- Declining share of graphic products in Household collection
- Increasing use in “white fiber based” packaging
- Increasing share of board in deinking grades

Deinking Process

- Increasing load of non-paper components
- High ash content
- Decreasing brightness potential
- Increasing problems with “stickies”

INGEDE Symposium Program



**The world of paper is a green world:
How to be sustainable and how to show it**

9:00–10:30 hrs

**Printed paper and the environment:
Printing processes become more environmentally
friendly**

13:00–14:30 hrs

Recyclability

**Printed paper, packaging, and the environment:
Print products and deinkability**

15:00–16:00 hrs

**Availability:
What is in the paper recycling bin?**

11:00–12:30 hrs

Paper for Recycling

Moderator – Axel Fischer

INGEDE

Recyclability

Paper for Recycling

Drinking Process



INGEDE

International Association of the Deinking Industry

Recyclability

Paper for Recycling

Deinking Process

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