

The background of the image is a close-up, high-angle shot of several rolls of green corrugated paper. The rolls are stacked and curved, creating a complex, repeating pattern of ridges and valleys. The lighting is warm, highlighting the texture and color of the paper.

Cepi

RENEWABLE  
RECYCLED  
RESPONSIBLE  
EUROPEAN PAPER

Wednesday 8 June 2022

European Parliament, Strasbourg



# Improving energy efficiency in the pulp and paper sector and beyond

**Jori Ringman**

Director General

Confederation of European Paper Industries (Cepi)

# Cepi, Confederation of European Paper Industries

**895**

mills

**500**

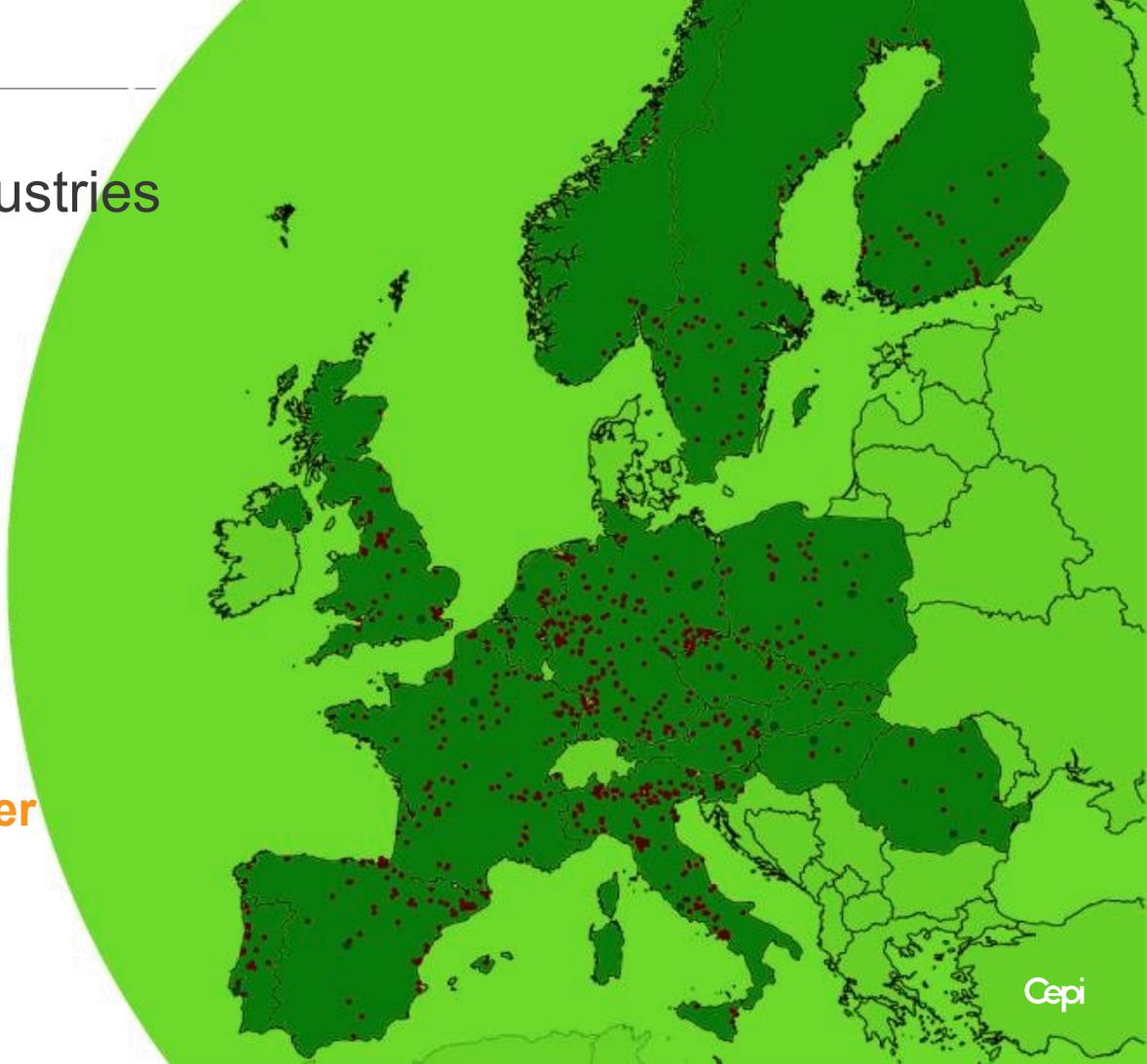
companies

**18**

European countries

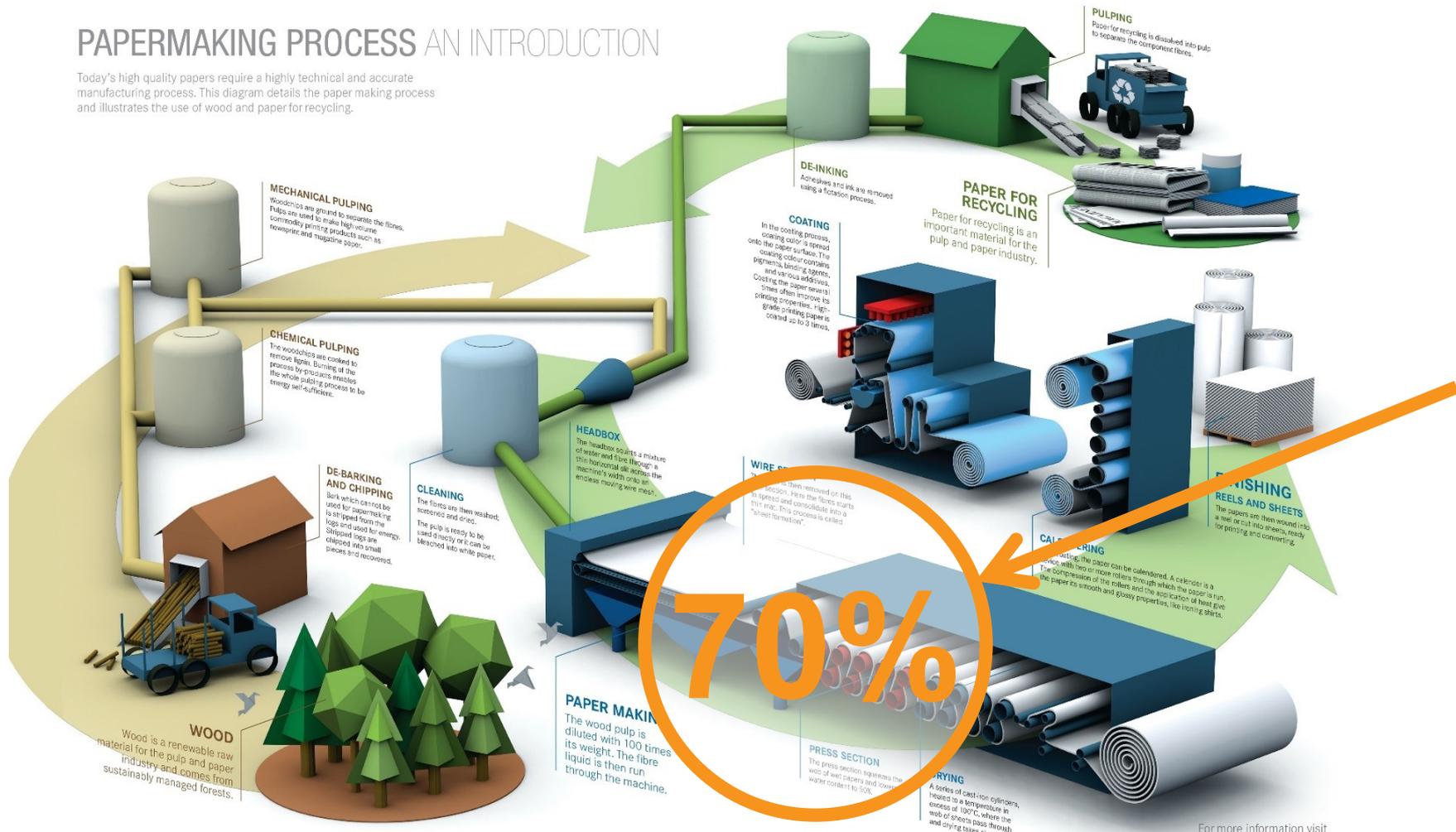
**22%**

of global paper production



# PAPERMAKING PROCESS AN INTRODUCTION

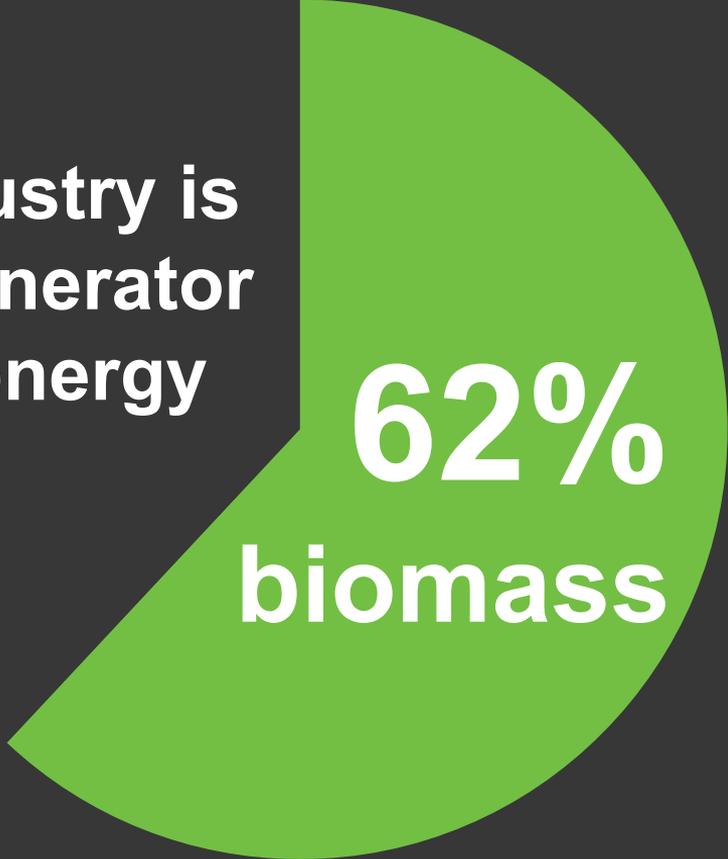
Today's high quality papers require a highly technical and accurate manufacturing process. This diagram details the paper making process and illustrates the use of wood and paper for recycling.



For more information visit [www.paperonline.org](http://www.paperonline.org)

## Frontrunner of the industrial heat decarbonisation

**The pulp and paper industry is the largest industrial generator and user of renewable energy**



**62%**  
**biomass**

# The pulp and paper industry contributes to the energy system integration

ENERGY Jan 27, 2020

## Stora Enso's paper mill to provide renewable district heating in Germany

Excellence  
Germany

### Heated water pipeline: partnership with Volvo

Stora Enso and Volvo Cars constructed a 4-kilometer hot water pipeline between their manufacturing sites. The pipeline transports hot

### Steam accumulator in the paper industry - an innovation of the energy supply system

Project Description Hamburger Containerboard is investing in state-of-the-art technology for energy- and resourcesaving paper production in our Pitte...

[View project](#)

SCA has approved an investment of approximately SEK 380m in expanded cooperation between SCA's industries in the Sundsvall region and Sundsvall Energi AB. The agreement will enable SCA to increase its deliveries of energy to Sundsvall's district heating grid.

...Meyer paper mill in the south west of

## Smurfit Kappa announces sustainable new heating solution for local community

Smurfit Kappa has announced a new project at its Nettingsdorf Paper Mill, Austria that will utilise waste heat generated at the mill to help power a sustainable district heating solution for the local community of Ansfelden.

The Paper Mill Mondi Frantschach is installing a new recovery boiler in order to achieve full energy self-sufficiency and provide an additional energy source in the area. This recovery boiler will use the pulping liquor containing lignin as fuel. The generated high-pressure steam will be used in the paper production, for electricity generation and the local district heating.

# The Energy Efficiency Directive recast can ensure continuous emission reduction of the entire European energy system by



Capturing the industry's real energy savings potential

Recognising the benefits of using CHP by industrial operators

Facilitating the uptake and efficient use of renewable and low-carbon energy today and in the future



**Cepi** RENEWABLE • RECYCLED • RESPONSIBLE  
EUROPEAN PAPER

If you print this presentation, please recycle it.  
Paper is recyclable and the natural support of ideas.

**Cepi** aisbl  
Confederation of European Paper Industries  
Avenue Louise 250, box 80  
B-1050 Bruxelles  
☎ +32 2 627 49 11  
🌐 [cepi.org](http://cepi.org) 🐦 [@CEPI\\_paper](https://twitter.com/CEPI_paper) **in** [Cepi](https://www.linkedin.com/company/cepi)