



RENEWABLE
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EUROPEAN PAPER

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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

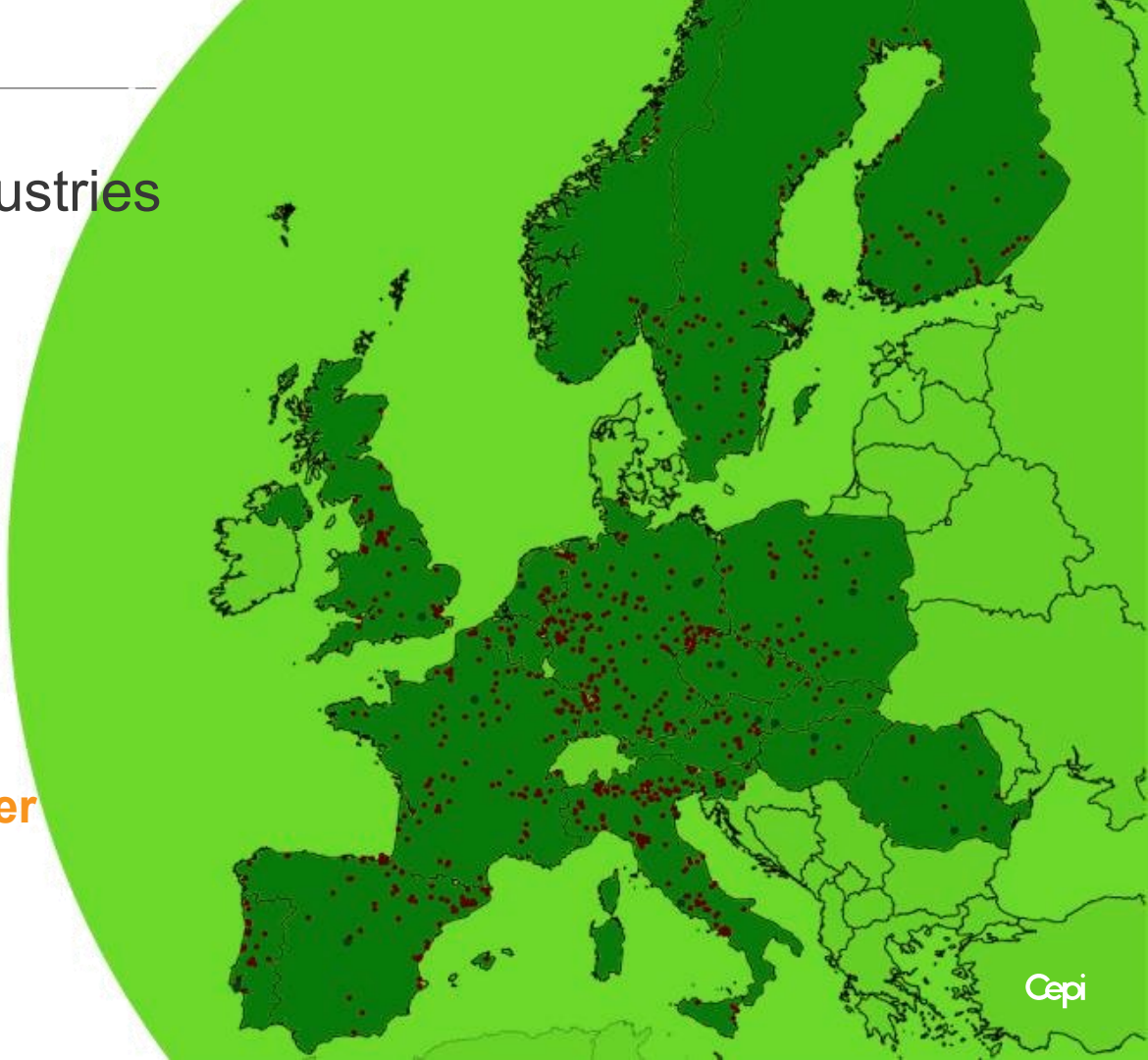
companies

18

European
countries

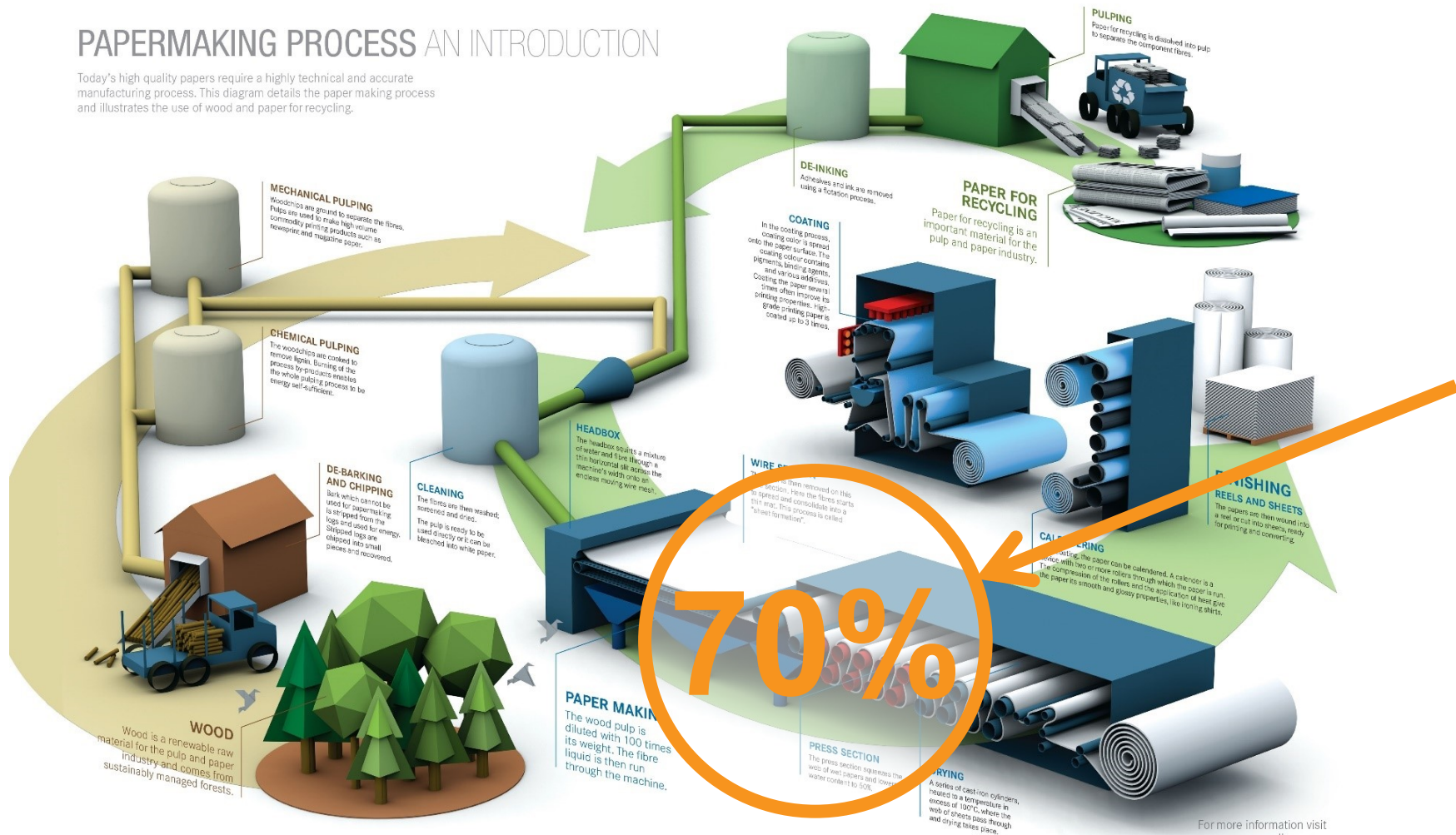
22%

of global paper
production



PAPERMAKING PROCESS AN INTRODUCTION

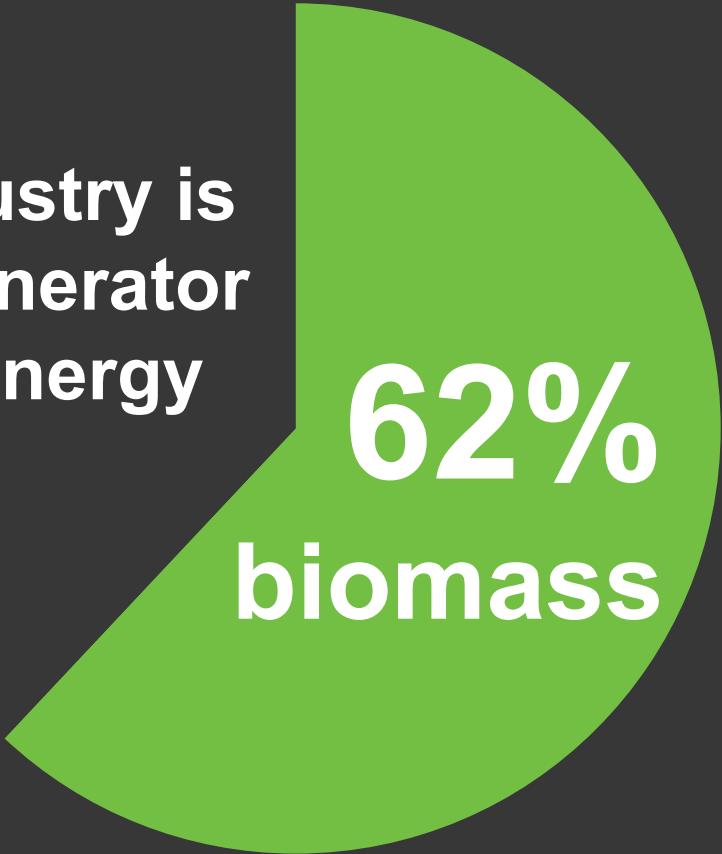
Today's high quality papers require a highly technical and accurate manufacturing process. This diagram details the paper making process and illustrates the use of wood and paper for recycling.



For more information visit
www.paperonline.org

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

Excess
Germ

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 resource-saving paper production in our Pöhlitz...

[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.

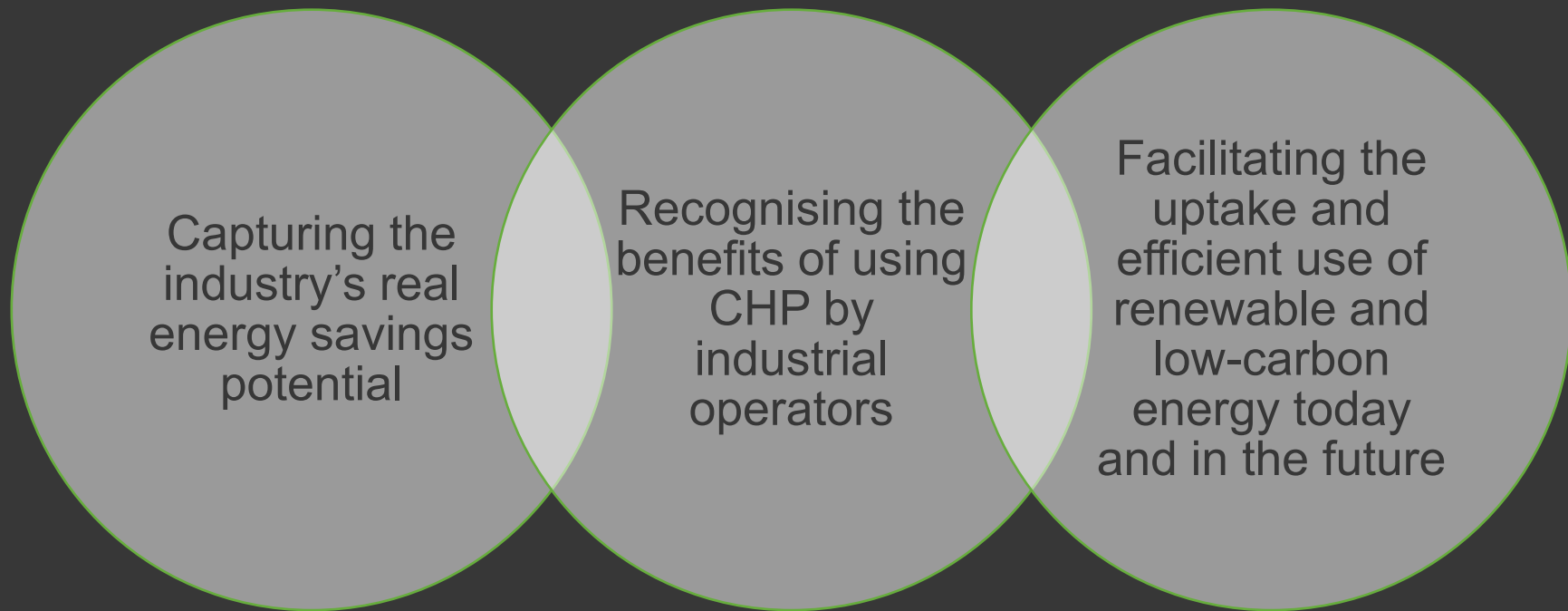
...Mayer paper mill in the south west of

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





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Cepi aisbl
Confederation of European Paper Industries
Avenue Louise 250, box 80
B-1050 Bruxelles
☎ +32 2 627 49 11
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