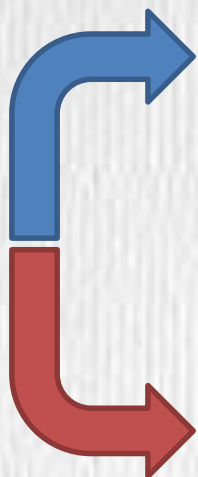


NETGREEN Thematic Policy Workshop

Eco-innovation and opportunities for the EU
industry





- Policy
 - Climate/renewable energy
 - 80% decarbonisation by 2050
- Markets
 - End of life of the product/declining consumption
 - Newprint, graphic paper grades



The CEPI 2050 Roadmap...



- 80 %
CO₂

+ 50%
value

...as an answer to the EU low carbon economy commitment



Innovation at the core of decarbonisation

In our technology assessment,
the CO₂ reduction pathway to
2050 depends on

**breakthrough
technologies.**

This is two investment cycles,
or a maximum of two paper machines
or boilers away. Breakthrough
technologies have to become

**available
by 2030**

to be on time for 2050.





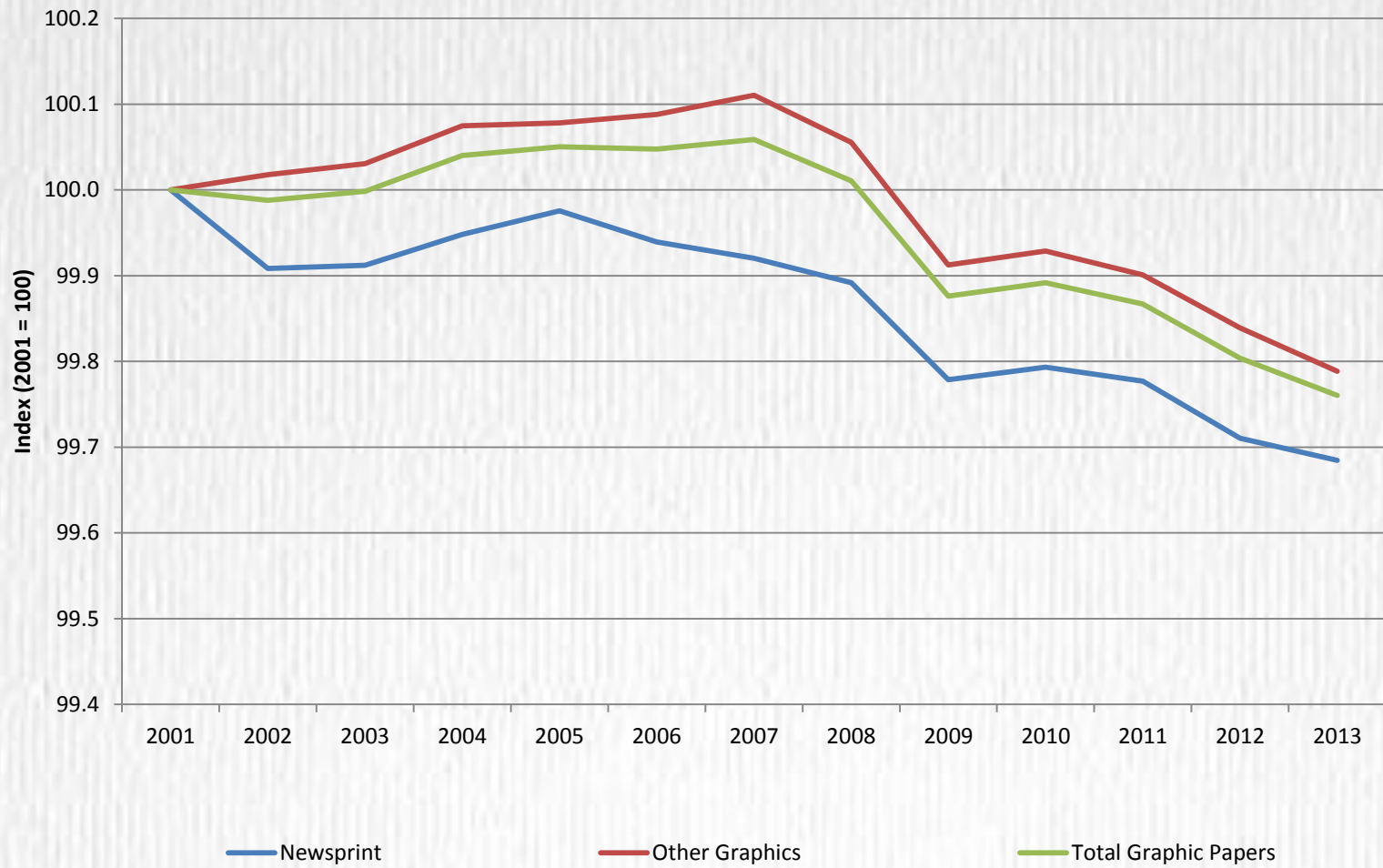
Pulp and paper today ... and tomorrow

How do we make paper today?

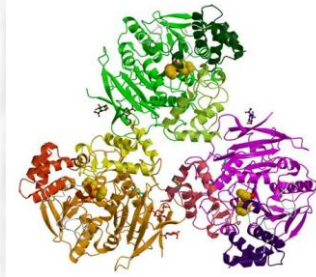
Primary energy use and CO₂ emission in the current papermaking process



From sunseting ...



... to rising stars



The bioeconomy and bio-based products



The post-petroleum economy



Policy recommendations

- NER 400 Innovation fund for breakthrough technologies
- Mainstream bioeconomy (Council of Commissioners, cross-DG coordination)
- Secure the sustainable availability of biomass (CAP, forest strategy, biomass supply policy)
- “De-risk” investments with EU funding opportunities (EIB, access to venture capital ...)
- Market formation for bio-based products (public procurement, standardisation ...)

Thank you!

CEPI aisbl / Confederation of European Paper Industries

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