

# Facts about Paper Recycling

Press Release 1/2018



## ***hubergroup and INGEDE Seek Deinkable UV Ink As Most Cross-linked Inks Create Problems in the Recycling Process, new Ideas are in Demand***

Other than traditional offset and gravure inks, most **cross-linked inks are difficult to remove** from the paper fibres in the deinking process: Liquid toner as in HP's Indigo ink, polymerised natural fatty acids in mineral-oil free inks or some dispersion varnishes form **large particles**, which for different reasons can lead to visible residues in the recycled paper. Such as **current UV-curable inks**.

With especially low-energy curing UV inks (LE-UV, LED-UV) gaining more and more market share, the problems caused by a former niche product reach new dimensions. **INGEDE** and **hubergroup** have jointly identified the necessity for further development and enhancement of UV inks and the UV printing process.

Yesterday, INGEDE and hubergroup announced that they will together design a **research project to identify influencing factors and possibilities** for a sustained improvement of UV printing in terms of deinkability in the processing of paper for recycling or even to **achieve full recyclability**. The challenge is to achieve all this without compromising the printability.

The **hubergroup** is an international holding group comprising of 40 companies, spread across the Globe. As one of the leading printing ink manufacturers, it is also equipped with the know-how to manufacture and market printing varnishes, coatings, dampening solutions, additives and printing auxiliaries. A privately held company for 250 years, it has through intensive research and development work constantly redefined quality standards and continues to be a market leader in offset and packaging inks.

**INGEDE** is an association of leading European paper manufacturers founded in 1989. INGEDE aims at promoting utilisation of recovered graphic paper (newsprint, magazines and office paper) and improving the conditions for an extended use of recovered paper for the production of new graphic paper, hygiene paper, and white top liner and folding boxboard.

1 March 2018

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More information, links, and pictures will be available there.