INGEDE
International Association of the Deinking Industry

Press Release 1/2011

DPDA–INGEDE Letter of Intent:

Collaboration on Deinkability of Inkjet Prints

Lucerne, Switzerland – On February 14, 2011, executives from the DPDA (Digital Print Deinking Alliance) and INGEDE (International Association of the Deinking Industry) together signed a Letter of Intent for collaboration to investigate the deinking of inkjet prints. The primary objective of this collaboration is to identify new solutions suitable for combined recovered paper streams with analogue and digital prints. The target is to enable inkjet manufacturers as well as deinking mills to better anticipate their **commercial and environmental** requirements as inkjet print volumes become more significant.

"Inkjet is likely to be a relevant process in digital production printing in the future," said Ulrich Hoeke, INGEDE Board Chairman, "and it is essential to maintain recovered graphic paper as a raw material for recycled-content graphic papers by ensuring **good deinkability of inkjet prints**."

This DPDA–INGEDE Letter of Intent for collaboration on inkjet deinkability provides a structure for regular, detailed exchange of relevant data, and **jointly-sponsored research projects** under the direction of a Technical Committee with representatives from both organizations. Both DPDA and INGEDE recognize that feasible solutions may involve optimization of ink, pre- and post-treatment, paper characteristics and the deinking process. This DPDA–INGEDE Technical Committee has already had its first meeting, and plans to conduct at least one jointly-managed research project this year.

The paper industry already experiences considerable problems in recycling prints with water-based flexo inks. In order to **avoid similar problems with water-based inkjet inks**, paper industry and printer manufacturers will intensify their cooperation. Speaking on behalf of the DPDA, Crit Driessen, Vice President Marketing and Strategy Production Printing, Océ Printing Systems GmbH, said that "the DPDA recognizes that although there have been no single inkjet deinking issues reported in recycling mills, lab-scale assessments show a range of deinkability performance, and therefore it is important to identify the attributes and thresholds for successful deinking so the overall solution can be optimized. This Letter of Intent for **collaboration on inkjet print deinkability** is an important step forward for the paper and printing industry to help ensure that the benefits of inkjet printing are realised by all participants in the value chain."

Executives from DPDA and INGEDE signing the Letter of Intent. From left to right: ***Dr. Ulrich Hoeke*** *– Chairman of INGEDE,* ***Dr. Michael Has*** *– Director Worldwide Marketing & Strategy Software, Head of Partner Management Océ Printing Systems GmbH,* ***George G. Promis*** *– Vice President, Continuous Forms Production Solutions & Technology, Ricoh InfoPrint Solutions,* ***Aurelio Maruggi*** *– VP & General Manager Inkjet High-speed Production Solutions Graphics Solutions Business, Hewlett-Packard,* ***Eric Owen*** *– Vice President of Sales and Business Development, Digital Printing Systems, Eastman Kodak Company.*

DPDA (Digital Print Deinking Alliance) is a working group formed by Hewlett-Packard, Ricoh InfoPrint Solutions, Kodak and Océ Printing Systems in 2008. The DPDA conducts research in the area of measuring and improving the deinkability of prints made with water-based inkjet 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 graphic and hygiene papers.

* Deinking is the removal of printing ink from the recovered paper during the paper recycling process.

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This press release can also be found in the internet: **www.ingede.com**.