



## INGEDE meets in Munich - February 2010



The 53<sup>rd</sup> General Assembly and the 19<sup>th</sup> Symposium took place on 10 and 11 February 2010 in Munich.

At the General Assembly the members were informed about the activities of INGEDE in 2009 and the corresponding figures. In the afternoon a new session "Communication Platform" was held with a good response in the circle of 23 INGEDE members.

At the following day at the Symposium INGEDE was pleased to welcome 75 participants. Originally the INGEDE office had 80 registrations

SCA Ortman who rejoined INGEDE. Barry Read (The Paper Industry Technical Association) gave an interesting and diverting presentation on "The future of newspapers" and Ulrich Leberle (CEPI) contributed with a paper on "Turning waste into a resource". After lunch papers were given on the re-



cent INGEDE research projects and the INGEDE working groups "Recovered Paper Quality" and "DIP Quality Management". Finally Axel Fischer updated the audience on INGEDE's activities in digital printing. The

but due to the horrible weather situation not all of the participants could make it. In this context many thanks for holding out at airports and struggling through the snowy streets on your way to Munich!

The symposium's programme started with an overview of INGEDE's 21<sup>st</sup> Business Year, given by the chairman Ulrich Höke. Harald Wegerer followed with the introduction of

next year's Symposium has already been fixed. It will take place on **February 10, 2011**, at HBW in Munich.

*Marion Klabunde*



## CALENDAR OF EVENTS

13–15 Apr 2010

INGEDE Working Group  
"Recovered Paper Quality"  
Burgo Mantova, Italy

15 April 2010

Printing Summit  
WAN-IFRA  
Salzburg, Austria

26 April 2010

INGEDE Technical Committee  
Deinking  
Munich, Germany

27–29 April 2010

CTP-PTS Deinking Symposium  
Munich, Germany

29–30 April 2010

INGEDE Digital Round Table  
Munich, Germany

4 May 2010

INGEDE Project 129 09  
"Adhesive Applications"  
PMV Darmstadt, Germany

10–11 May 2010

INGEDE Working Group  
"DIP Quality Management"  
Norske Skog Renkum, The Netherlands

18–25 May 2010

IPEX 2010  
Birmingham, UK

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## INGEDE Method 11 revised

### “Assessment of Print Product Recyclability – Deinkability Test”

In December 2009 INGEDE finished the revision of INGEDE Method 11 and issued the new version.

The scope of this method is the evaluation of the deinkability of any printed paper product by means of alkaline flotation deinking. The principle is a laboratory scale simulation of both pulping and flotation, which are the essential steps of the flotation deinking process.

The history of INGEDE Method 11: The basis for development of this method was the DIN standard 54606-1: 1995-02. The first version was established as a draft in August 1999 and released in April 2001. After employing INGEDE Method 11 in the mills and as a result of INGEDE Project 85 02—European Deinkability Test Method, several changes arose to be reasonable. The method was revised in January 2007 and beneath editorial amendments the measurement point of the filtrate darkening was changed from the undeinked pulp to the deinked pulp because of the dewatering in deinking taking place after flotation and by this the parameter was a

better simulation of the mill conditions.

A further revision arose in December 2008.

The experience with different European printed products showed that a fixed dosage of deinking chemicals resulted in a too low pH during the testing of printed

the formation of soap from oleic acid can be reversed. Furthermore two informative annexes about pH measurement were enclosed. Ash measurement was introduced in order to provide the possibility to calculate the fibre consistency during pulping and flotation as well as of fibre yield.

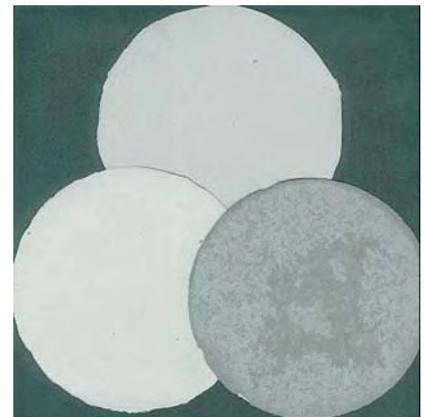
The method was issued as INGEDE Method 11p (p=provisional) since the changes implemented are not experienced sufficiently. The lifetime of the provisional status of the INGEDE Method was fixed to 12 months.

#### “Core” of the revision

- Amount of deinking chemicals stays fixed at first, but
- after pulping, the pH has to be in the range of  $9,5 \pm 0,5$
- before flotation, the pH has to be 7,5 or higher
- if either pH is beyond the definition, the test has to start from the beginning with an adapted dosage of sodium hydroxide and possibly also of sodium silicate.

products on acidic papers or in a too high pH in case of woodfree alkaline or neutral papers. Therefore it was necessary to add both a target range for the pH value after pulping and the definition of a minimum pH value at flotation consistency. The reason for the latter addition: At a lower pH

Andreas Faul, Marion Klabunde



## CTP-PTS Deinking Symposium

### April 2010 in Munich

#### Directorship



Dr. Bruno Carré  
CTP Grenoble



Dr. Elisabeth Hanecker  
PTS Munich

After many years at different venues, the PTS Deinking Symposium returns to Munich this year - it will be held at Papiertechnische Stiftung from 27 to 29 April 2010.

Lectures of the first conference day focus on trends in deinking, recovered paper sorting and measuring methods.

Day two concentrates on deinking chemicals, treatment technology, DIP quality and waste.

The Symposium will be completed by

sessions on stickies, recyclability and digital printing on the third conference day. INGEDE will perform two presentations; Andreas Faul will give a presentation on “Update to the assessment of deinkability” and Axel Fischer contributes with a paper on “Round table on the deinkability of digital prints”. In addition research institutes will give presentations based on INGEDE projects.

Source: PTS