



## COST Action E48 “Limits of paper recycling”



Panel discussion at the conference: from left: Jori Ringman, Barry Read, Ulrich Höke, Gerhard Lambrecht (photo: courtesy of Stanka Nedeva)

On May 6-7, 2009 COST Action E48 held its 9<sup>th</sup> and final Management Committee meeting at PTS in Munich, Germany. At the same time the Final Conference of the Action that already ended on March 29 was held.

The main themes of the Management Committee meeting related to the finalization of the Action and the Final Evaluation which was carried out in connection with the Final Conference. Important issues during the meeting were the

outside of the Action. Taking into account the present economical situation in the paper related industry this is to be regarded as a good result.

A major issue dealt with was the presentation of the influence that four different possible scenarios for manufacturing in Europe, developed by The Institute for Prospective Technological Studies of the EU Joint Research Center, could have on recycling of paper. The scenarios indicate that the future development

of paper recycling will not depend only on technical and economical factors but to a significant extent also on aspects of general development of the society.

**The Action's outcome will be published in a book titled**  
**The Future of Paper Recycling in Europe**  
*Opportunities and limitations*  
**to be printed in the later part of 2009**

discussion of the Actions Administrative Scientific report, the general conclusions of the Action as well as the content of the Final report, which will be published in the form of a book to be printed during the later part of 2009.

In the form of 16 plenary presentations and a Round table discussion the Final Conference provided a broad overview of the history and present status of paper recycling in Europe as well prospects for its future development. The total number of Conference participants was c. 70, of which c. 20 from

The COST Action E48 has been able to establish very good working relations with the International Association of the Deinking Industry (INGEDE) and with the Confederation of European Paper Industries (CEPI) as well as with the Jaakko Pöyry Consulting Company. The cooperation with these has been particularly valuable for the work on deinking technology and recycling statistics as well as for legislation issues of importance for paper recycling.

Jan-Erik Levlin

## CALENDAR OF EVENTS

9 June 2009  
**INGEDE Working Group**  
**“DIP Quality Management”**  
INGEDE Office  
Bietigheim-Bissingen/Germany

23–25 June 2009  
**Zellcheming Expo**  
**meet INGEDE at Booth 315**  
Wiesbaden/Germany

26 June 2009  
**INGEDE**  
**Country Representatives**  
Wiesbaden/Germany

1 July 2009  
**INGEDE Project meeting**  
129 09 PMV  
“Adhesive applications”  
Darmstadt/Germany

2 July 2009  
**INGEDE Project meeting**  
130 09 PTS  
“Process oriented deinking”  
Munich/Germany

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Deinking Socrecard (page 2)  
New INGEDE project (page 2)  
Revision of  
INGEDE Methods (page 2)

**Read more about COST E48 results and conclusions in the following issues.**



## ERPC adopts improved Deinking Scorecard

At its spring meeting in March 2009 the European Recovered Paper Council (ERPC) adopted an improved version on the Deinkability Scores which had been proposed by INGEDE (see link 1).

The verbal requirement “Deinked pulp has to be free of large, visible specks” was eliminated and a product-oriented structure of the product categories was realised.

ERPC also launched a new version of the “Guide to an Optimum Recyclability of Printed Graphic Paper” (see

link 2). This document is designed to support the recyclability commitments in the European Declaration on Paper Recycling with some technical facts and advices.

In the Technical Committee of the ERPC the discussion started on an assessment scheme – guide or scorecard – about the removal ability of adhesive applications, again on initiative of INGEDE. The major supporting activity for this is a survey with about 200 different products (see the following article).

ERPC will grant the European Paper Recycling Award again in 2009. The

call for candidates was launched mid May. Paper recycling initiatives are encouraged to apply for the Award with innovative projects to enhance paper recycling in Europe. More details will be published in the June edition of the News, please also see [www.paperrecovery.org](http://www.paperrecovery.org) for more information and application.

*Andreas Faul*

link 1: <http://www.paperrecovery.org/files/ERPC-005-09-115018A.pdf>

link 2: <http://www.paperrecovery.org/files/ERPC-009-08-110001A.pdf>

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## INGEDE Project 129 09 PMV “Adhesive Applications”

INGEDE released the new project “Preparation of an adhesive applications data base and development of a recyclability scoring system”. PMV (University of Darmstadt) will carry out the project work.

For an estimation of the market development and for figuring out appropriate actions on the production site, an actual database of at least 200 test results will be established in the scope of this project. The results will

form the basis of improving recyclability and developing an assessment scheme. By means of this assessment concept, a producer will be able to estimate if a paper product is suitable for the recycling process or not.

INGEDE will provide a significant part of the funding. To cope with the total budget of this project, INGEDE is seeking for project partners among other European Associations and

large printers and publishers. A cooperation with producers and users of adhesives is highly appreciated.

FINAT (the association of labelstock producers) was among the first to express their interest.

The project will start on 1 July 2009 with the kick-off meeting in Darmstadt.

*Marion Klabunde*

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## Revision of INGEDE Method 7 and new INGEDE Method 14

The revision of INGEDE Method 7 had been in discussion in the INGEDE Working Group since 2005. A revision Task Force worked on all amendments in 2008.

The whole methods were restructured and underwent a major editorial revision.

The gravimetric verification (was called “calibration” in the previous edition) was transferred to a separate method which is now INGEDE Method 14. This was done in order

to avoid confusion about the applied inspection procedure. Since both the visual inspection and the gravimetric verification were part of INGEDE Method 7, it was not clear which inspection procedure was used when referring to INGEDE Method 7. Therefore the INGEDE Working Group Recovered Paper Quality decided to split the method into two, leaving the visual inspection as INGEDE Method 7 and creating INGEDE Method 14 for the gravimetric verification and

inspection.

Furthermore the description of the verification was expressed “less mathematical”. A more detailed distinction of non-paper components in light and heavy non-paper components was implemented and an additional concept to count non-paper components in 100 g equivalents was added.

Finally additional clarifications and updating of the methods were made.

*Marion Klabunde*