

INGEDE annual events 11 and 12 February 2015

“The mill buyer is an astronaut lost in space between the planets paper making and waste management”, this was the introduction of Josef Augusta who gave a presentation on Paper for Recycling Quality from a Mill Buyer’s Perspective in the morning session of the INGEDE Symposium.

information on the “New Blue Angel Basic Award Criteria for Printed Paper Products RAL UZ 195”, see also the article on page 2.

After lunch, the EcoPaperLoop project results were presented by the four research institutes (TU Dresden, PMV Darmstadt, Innovhub Italy and the



Source: Dr. Josef Augusta, INGEDE Symposium 2015

Ulrich Höke, INGEDE’s chairman, had the pleasure to welcome 70 participants in Munich. He updated the audience on the INGEDE activities in 2014. His talk was followed by Jori Ringman-Beck of CEPI. In his new position as Sustainability Director, he gave an overview on the project Mainstream on circular economy. Part of this project is the development of an eco-design for the product paper.

The morning session was finished by Almut Reichart from the Umweltbundesamt (UBA) giving the brand new

Pulp and Paper Institute Ljubljana) who dealt with the respective work packages:

- Improving collection strategies
- Recyclability of packaging products and proposal for scorecard assessment
- Life cycle assessment of printed paper products and sustainability calculator
- EcoPaperLoop recommendations for a regulatory framework

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Group portrait of the speakers

CALENDAR OF EVENTS

10 March 2015

Working Group Recyclability
Frankfurt, Germany

14–15 Apr 2015

PTS Seminar
Altpapier im Fokus—Sicherung
des Recyclings durch innovative
Technologien und
Nutzungskonzepte
Dresden, Germany

21–22 Apr 2015

INGEDE working group Paper for
Recycling
Shotton, UK

23 Apr 2015

bvse 18. Internationaler
Altpapierstag
Berlin, Germany

7 May 2015

INGEDE Project 145 14
FT-IR Spectroscopy
Darmstadt, Germany

20–21 May 2015

Austrian Paper Conference
Graz, Austria

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Blue Angel for Printed
Paper Products

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The project was finalized in Dec 2014 and the proceedings together with recommendations from the projects findings were distributed at the INGEDE Symposium.

In the third and last part of the program, Andreas Faul informed about Deinking Scorecard, revised by the ERPC. "Deinkability of inkjet prints can be improved" stated David Croll, when starting his presentation on the common INGEDE/DPDA project on DPDA Ink Study. The final solution to obtaining the optimum deinkability of water-based inkjet inks is expected to be a combination between paper and ink improvements, which has to be investigated further. Johannes Kapfen from PTS presented relevant research projects and Ulrich Höke closed the Symposium by giving an outlook on INGEDE activities in 2015.

On the next morning, 23 INGEDE members met exclusively for the Member Symposium where all the specific topics like lobbying activities, INGEDE strategy, INGEDE working groups and INGEDE projects were presented and discussed.

After lunch, INGEDE held its General Assembly where the finances of 2014

and budget of 2015 were presented to the members.

Save the date for the next years Symposium on 24 Feb 2016. This will be continued on the following day by the Member Symposium. In the afternoon the General Assembly will be held.

Marion Klabunde



INGEDE Member Symposium

New Blue Angel for Printed Paper Products (RAL-UZ 195)

In January RAL issued a new Blue Angel for Printed Paper Products. This ecolabel has stricter regulations than the other ecolabels for printed products (e.g. EU Ecolabel, Nordic Swan or Austrian Ecolabel).

Up to the end of 2016 only offset inks consisting of aliphatic hydrocarbons with a chain length of C10 to C20 or C>30 should be used. The share of chain lengths between C20 and C30 should not be higher than 1,5 %. The content of aromatic hydrocarbons should be less than 1 %. From 2017 this is no more a "should" determination but a "must" determination. Nevertheless the deinkability has to be proven by the ERPC Deinkable Scorecard which is based on INGEDE Method 11. Also the removability of adhesive applications for water-insoluble glues has to be proved by the ERPC Scorecard for Removability of Adhesive Applications.

The paper for RAL-UZ 195 has to fulfil the requirements of one of the RAL-UZ 14, 56 or 72. But printers now

have to request the new ecolabel to advertise their print product with a Blue Angel. The ecolabels RAL-UZ 14, 56 and 72 are valid only for unprinted paper.



Cover of the new Blue Angel criteria

It is possible to apply for the new Blue Angel for nearly all printed paper prod-

ucts when the paper is in the scope of the above mentioned ecolabels. Excluded are one-page-mailings and packaging products. For all common printing technologies (except screen printing) the ecolabel can be applied for when the print products are deinkable.

Other criteria are:

- no use of chemicals with R phrases according to Regulation (EC) No 1272/2008 (or Directive 67/548/EEC). Exceptions are defined for some print categories for individual chemicals when these are absolutely necessary.
- use energy efficient processes
- no use of lead-, cadmium-, chrome VI-, cobalt-, mercury-, nickel-, copper-compounds with the exception of copper phthalocyanine, manganese-compounds only up to 0,5 weight percent and no amines.

Christian Trieb