

INGEDE begrüßt die Papier- und Kartonfabrik Varel als neues Mitglied



Seit April 2013 ist die Papier- und Kartonfabrik Varel (PKV) Mitglied der INGEDE. Die PKV wurde 1938 gegründet und setzt seit Anfang der 50er Jahre als Faserrohstoff ausschließlich Altpapier ein. Die Produkte der PKV sind umweltfreundlich, denn sie sind zu 100% recyclingfähig und bleiben so dem Rohstoffkreislauf vollständig erhalten.

PKV hat in den letzten 8 Jahren 300 Millionen Euro in den Ausbau des Unternehmens investiert, um den Anforderungen des Marktes gerecht zu werden. Bei allen Investitionen wurde großer Wert auf umweltschonende und energieeffiziente Anlagen gelegt. PKV betreibt deshalb auch ein eigenes Kraftwerk mit Kraft-Wärme Kopplung sowie eine eigene Prozesswasserbehandlung mit Biogaserzeugung. Mit 450 Mitarbeitern werden in Varel auf 2 Kartonmaschinen und 2 Papiermaschinen jährlich ca. 800.000 t Papier und Karton für die Verpackungsindustrie erzeugt.

Die Produktpalette auf dem Kartonssektor reicht von Faltschachtelkarton der KM 3 von 300 bis 800 g/m² bis zu beidseitig kaschiertem Karton der

KM 2 von 500 bis 1400 g/m².

Die 2004 in Betrieb genommene Papiermaschine 5 stellt leichtgewichtigen Wellenstoff und Testliner von 80 bis 140 g/m² bei einer maximalen Geschwindigkeit von 1200 m/min her. Auf der 2011 zu einer Multiprodukt-Papiermaschine umgebauten PM 4 werden weißer und brauner Testliner sowie Kraftliner-Ersatz von 100 bis 220 g/m² produziert. Die PM 4 ist mit einer hochmodernen Stoffaufbereitung für weiße und krafthaltige Rohstoffe ausgestattet und verfügt unter anderem über eine Deinking-Anlage mit einer Kapazität von 450 t/d. Neben moderner und Ressourcenschonender Technologie spielt die Aus- und Weiterbildung der Mitarbeiter der PKV eine große Rolle. Zur Zeit werden 33 junge Mitarbeiter in sechs Berufen ausgebildet, um den steigenden Anforderungen an den Arbeitsplätzen gerecht zu werden.

Quelle: Papier- und Kartonfabrik Varel

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CALENDAR OF EVENTS

5 Sept 2013
INGEDE Project 137 12
"Recycling friendly Varnishes"
Darmstadt, Germany

2 Oct 2013
European Paper Recycling Award
Brussels, Belgium

7-9 Oct 2013
Ifra Expo
Berlin, Germany

9 Oct 2013
Technical Committee Deinking
Berlin, Germany

29 Oct 2013
EcoPaperLoop Seminar
Warsaw, Poland

5-6 Nov 2013
INGEDE working group
Paper for Recycling
Glückstadt, Germany

26-28 Nov 2013
European Paper Week
Brussels, Belgium

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INGEDE welcomes Papier- and Kartonfabrik Varel as new member

In April 2013 Papier- und Kartonfabrik Varel (PKV) joined INGEDE. PKV was founded in 1938. Paper for Recycling as unique raw material is used since the beginning of the fifties. The products of PKV are environmentally friendly because they are 100% recyclable and therefore completely remain in the paper recycling chain.

PKV has been investing 300 Mio Euro in the last 8 years to rebuild the company in order to meet the requirements of the market. All investments were subject to be environmentally friendly and energy-efficient. PKV is therefore running an internal power-house with power-heat cogeneration

and an internal process water treatment with biogas production.

In Varel 450 employees produce every year on 2 board and 2 paper machines 800.000 t of paper and board for the packaging industry

The range of products in the board sector goes from folding boxboard of BM3 from 300 to 800 g/m² to two-side laminated board of BM 2 from 500 to 1400 g/m².

PM 5, who was put into operation in 2004, produces light-weight corrugating base paper and testliner from 80 to 140 g/m² at a maximum speed of 1200 m/min. On the PM 4, who was rebuilt to a multifunction machine in

2011, white and brown testliner as well as kraftliner substitute from 100 to 220 g/m² are produced. PM 4 is equipped with a state-of-the-art stock preparation for white and kraft containing raw materials and is supplied by a deinking facility with a daily capacity of 450 t.

Apart from modern and resource-efficient technology, the education and advanced training of the employees plays an important role at the Papier- und Kartonfabrik Varel. Currently 33 young employees are educated in six professions to face the rising needs at the work stations.

Source: Papier- und Kartonfabrik Varel

9. GesPaRec Workshop bei der Papier- und Kartonfabrik Varel

From 6 to 7 June the GesPaRec workshop on quality management of paper for recycling took place at Papier- und Kartonfabrik Varel. The workshop was held in German language.



Teilnehmer des Workshops in Varel

Am 06./07. Juni fand der GesPaRec Workshop zum Qualitätsmanagement Altpapier mit fast 100 Teilnehmern in der Papier- und Kartonfabrik Varel statt. Themen waren unter anderem die Bedeutung der Ballenkennzeichnung für die Papierindustrie, Altpapier-

qualitätsmanagement, die Altpapier-sortenliste nach der Novelle EN 643, aktuelle Erfahrungen mit der Ballenbewertung sowie die Entwicklung der Altpapierzusammensetzung.

Bei einem anschließenden gemeinsamen Essen im Upstalsboom Landhotel

Friesland wurde über die Vorträge weiterdiskutiert. Zum Abschluss wurde den Teilnehmern des Workshops am zweiten Tag der Veranstaltung eine Besichtigung der Papier- und Kartonfabrik Varel angeboten.

Christian Trieb

Ecolabels for Printed Products – New Manual for the EU Ecolabel

"The official European label for Greener Products"

With increasing environmental awareness of consumers, companies try to differentiate not only with performance or price, but also with their environmental efforts. Not only after printing is being challenged by digital ways of distributing information, also "Green Printing" becomes a marketing argument. But what makes a printer to become a "green printer"?

One quite accepted way to differentiate is any kind of credible certification. In 2004 already, the Austrian authorities were the first in Europe with an Ecolabel for printed products. The directive by the Ministry of Life, administered by the Association for Consumer Administration, not only rules for paper to be manufactured with fewer emissions to air, climate and water than average. It also for the first times men-

- Reduced environmental damage or risks related to the use of hazardous chemicals
- Increased recyclability.

certification procedure in the member state where the printing takes place.

Who needs this Ecolabel? The first driver is some proposed legislation on taxing unaddressed direct mail in Denmark. The draft proposes to tax unaddressed printed advertising at 50 cent per kg. The tax would apply only to printed advertising which is distributed door to door and free of charge. The tax would be lower, 30 cent per kilo, for EU ecolabelled printed products. This is why printers from Germany and Sweden, Holland and



By asking for increased recyclability, this regulation forces printers to look beyond costly tree certifications transferred to paper or surrogate fees that shall improve the climate somewhere else in the world: "Eco-labeled products shall be recyclable and deinkable." With this claim, many printers for the first time had to deal with the fact that their product is also a raw material for others. Also, adhesives may be used only if their removability can be proved.

The EU flower can be awarded to any printed paper product that "consists of at least 90% by weight of paper, paperboard or paper-based substrates, except for books, catalogues, pads, booklets or forms that shall consist of at least 80% by weight of the referred paper substrates". One important prerequisite is that the paper itself has to have the EU flower certification already. A detailed 27-page "User's Manual for the application" dealing with many questions has been published in March, it is available online (see link below).

Where do you apply? With the application, the applicant has to provide "a dossier containing all relevant data and manufacturers" declarations related to the ecolabelled product. The application has to be addressed to a "competent body" that handles the

Estland already have the deinkability of mainly heatset offset products tested – to prove their qualification for the Ecolabel. Similar taxation models are currently discussed in France.

A Finnish and two German printers are the first who made their way through the new bureaucracy. "We want to encourage our customers to start to utilize EU Ecolabel in their own products. UPM cooperates with Printing house Lönnberg who applied for the EU Ecolabel for their printed products – now UPM's Annual Report 2012 is one of the first printed products with EU Ecolabel", comments Thomas Ehrnrooth, Vice President, Marketing, UPM Paper.

Whether a printer applies for the Ecolabel or not – already the discussion about the label has helped to create more awareness about what is environmentally friendly in printing – and the awareness, that a printed product has to go a longer pathway than just leaving the printshop. Recyclability has become a necessity if a print product and a printer want to be sustainable – undeinkable is now unthinkable.

All information about the EU Ecolabel for printed products can be found on the EU website here: <http://ec.europa.eu/environment/ecolabel/products-groups-and-criteria.html>.

Axel Fischer



Austrian label



European label

tions the recyclability of a printed product. Assuming that offset prints are good recyclable and inkjet undeinkable in general, in the first edition it required just dry toners in digital printing to be deinkable and did not mention other digital printing technologies. The latest update of the regulation (as of Jan 1st, 2013) reflects the current situation by claiming that "toners and inks for digital printing as well as UV inks have to prove to be deinkable, in order for prints to remain recyclable for higher paper grades after use".

Another flower: The EU Ecolabel

After several years of consultation, EU Member States last year adopted criteria for an EU Ecolabel on printed paper. Once it's on a product, the EU Ecolabel shall demonstrate "commitment to a better environment" and guarantee

- Low air and water pollution during paper production and printing process