

## Visit from Pakistan

On 19 July 2010 the INGEDE office had the pleasure to welcome Fazeel Ur Rehman from Packages, Bulleh Shah mill which is the INGEDE member in Pakistan. He is line manager at Packages' PM 7 and visited the office in Bietigheim-Bissingen. Mr. Rehman presented some facts about the Bulleh Shah mill, built from 2005 to 2008. The mill runs two paper machines: PM 6 (110,000 tpy)



Fazeel Ur Rehman (center) and INGEDE team

started in mid 2007 and produces corrugating medium paper and test liner, and PM 7 (100,000 tpy) started end of 2008 to produce writing printing paper, photocopy paper and newsprint. The deinking plant has a capacity of 200 tpd and delivers the pulp for PM 7. As raw material sorted office paper,

coated book stock, multigrade and multigrades are used. The mill has its own Effluent Treatment Plant. Also an own boiler (65 and 200 tph) and power plants (11MW and 41MW) were installed. For transportation the mill has its own container terminal at KRK allowing a smooth movement of raw materials and finished products through the railway system.

Due to fluctuation at Packages, there was a need to explain the benefits of an INGEDE membership once again. So Andreas Faul informed Fazeel Ur Rehman comprehensively on the INGEDE work and also the newest developments and actual INGEDE topics were discussed.



Bulleh Shah mill in Kasur (Source: Packages)

Marion Klabunde

## Digital and Offset Printing Will Coexist IMI's "Digital Printing Presses – The Next Era" Conference

Good news for paper: Offset will see a "organic decline" but will still coexist with digital printing for a long time says Marco Boer, Consulting Partner with [IT Strategies](#), based in Hanover, MA. At IMI's Digital Printing Presses Conference in Kissimmee, FL in June Boer pointed at the potentially high revenues

to be achieved with digital printing as the major driving force in the conversion from offset to digital. Still, he sees more than 35 trillion pages being printed with offset compared to 0.5 trillion in electrophotography (EP) and only 0.01 trillion in inkjet. If you look at

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## CALENDAR OF EVENTS

31 Aug 2010

**INGEDE Project 129 09**

"Adhesive Applications"

PMV Darmstadt, Germany

7–9 Sept 2010

**INGEDE Working Group**

"DIP Quality Management"

Maxau, Germany

16–17 Sept 2010

**European Adhesives & Sealants Conference 2010**

FEICA, Helsinki, Finland

30 Sept 2010

**INGEDE Project 132 10**

"Deinking potential of recovered paper depending on water circuit quality"

CTP/PMV/PTS

Darmstadt, Germany

6–7 Oct 2010

**INGEDE Working Group**

"Recovered Paper Quality"

Hamburg, Germany

18–21 Oct 2010

**Research Forum on Recycling**

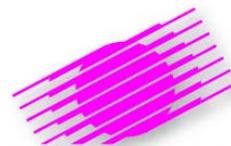
Norfolk, Virginia, USA

26–27 Oct 2010

**INGEDE Seminar**

"Rezyklierbarkeit von Druckprodukten"

Berlin, Germany



the revenue, the picture looks different. Together, digital being 2% of the pages printed, yield in 20% of the revenues in a total market of about \$32 billion for hardware and supplies (excluding paper). Even in 2015, he sees inkjet behind EP both in the graphics and production sector.

### Increasing volumes, page density

Not only increasing monthly print volumes but also an increasing page density sees Tom Baratz, consultant with Lyra Consulting. He sees the highest market opportunities for commercial inkjet coming up in Europe — expecting 43% of the market share by 2013 in EMEA countries compared to 38% in North America. There, the first large scale installations seem to run well: According to Baratz, HP's T300 inkjet web press at O'Neil in Los Angeles was running in three shifts 24/7 printing books last summer.



Future applications he sees not only in small volumes of books but also in newspapers — different editions with targeted advertising in different ranges.

### Newsprint all inkjet by 2019?

In Italy, Barack reports, 2-3000 copies of USA Today are already being printed on an inkjet press. Within 2019 he expects the complete market for newsprint to go inkjet.

For media suppliers, Lyra sees three approaches: uncoated w/ pre-treatment, uncoated w/ ColorPRO (limited due to licensing) and coated for high speed inkjet on roll stock — all with "limited margins", having to justify any added cost.

Ed Chrusciel, Marketing Director at Fujifilm Dimatrix in Santa Clara, California, explained the difficulties in achieving the offset target and presented Fujifilm's JetPress which has just been introduced at IPEX in the UK. For this B2 sheet-fed printer, INGEDE had found good deinkability — one of the first good deinkable inkjet printers.

For INGEDE, Axel Fischer discussed current problems in deinking digital prints and the ERPC scoring system for certification. Even HP's technology specialist Ross Allen picked up recycling, claiming "HP pigmented ink showing 'promising flotation deinkability'".

*Axel Fischer*

## INGEDE Seminar in Berlin coming up



For October 26 and 27, 2010, INGEDE invites all members of the paper chain (especially editors and printers) to Berlin for a seminar "[Rezyklierbarkeit von Druckprodukten](#)" (Recyclability of Printed Products). The seminar will take place at the "[Park Inn City West](#)" hotel, conveniently located close to Berlin Zoo station and Kurfürstendamm.

The seminar will be held in German. Speakers with different backgrounds will give presentations about:

### Recovered Paper

- collection systems
- raw material sources

### Recyclability

- adhesive applications
- scoring systems

### Digital Printing

- technical developments
- deinkability

*Marion Klabunde*

