First International Conference & Exhibition on Paper and Board Recycling

8-10 November 1994
Royal Lancaster Hotel, London, UK

PREPRINTS

Organized by

UB/TIB Hannover
117 012 610
Session 1: Market trends, environmental issues and fibre supply

- Recycled paper - A consumer's perspective
  Steven Barker, Head of Printing Papers
  HMSO - Her Majesty's Stationers Office, United Kingdom

- European markets for coated recycled papers
  John R. Mikulski, Senior Partner
  Mikulski Hall Associates, United Kingdom

- Status and trends within the recycled cartonboard industry
  Franz Rappold, Director, Sales & Marketing
  Mayr-Melnhof Karton GmbH, Austria

- Recycling activity in the USA
  William P. Moore, Partner
  Thompson Avant International, USA

- Life cycle analysis (LCA) of printing papers
  Anssi Kärmä, Vice President, Technology Projects
  Tiina Pajula, Ms. Sci.
  Timo Kutinlahti, Student
  KCL - The Finnish Pulp & Paper Research Institute, Finland

- New printing processes and ink formulations - How will they affect wastepaper deinkability
  Kate Cathie, Head of Wastepaper Technology
  Graham Moore, Business Manager
  Nick Pearson, Scientist
  Pira International, United Kingdom

Session 2: Handling of recycled fiber

- New technologies for preparation and handling of recycled fiber
  Engelbert Treiblmeier, Sales Manager
  Alfred Kindermann, Sales Manager
  FMW AG, Austria
Session 3: Pulping and bleaching processes

Recyclability of thermomechanical pulp fibers
Katja Alanko, R&D Engineer
United Paper Mills, Finland
Hannu Paulapuro, Professor
Per Stenius, Professor
University of Technology, Dept of Forest Products Techn., Finland

Recycling of wet strength paper
Chris McGill, Area Sales Manager
Solvay Interox, United Kingdom
J. Dave & A. Renders
Solvay Interox SA, Belgium
P.B. Walsh & C. Njaa
Solvay Interox, Texas, USA

Ozone bleaching of deinked pulp
Michel Muguet, Marketing Manager
Air Liquide, France
Jack Kogan, Scientist
American Air Liquide, USA

Upgrading recycled board into value added products with hydrogen peroxide bleaching
Yves Dionne, Market Development Specialist - Pulp & Paper
M. Hoyos, Senior Market Development Specialist - Pulp & Paper
Solvay Interox Europe, Belgium

Chlorine-free bleaching chemicals for secondary fibres
Johannes Kappel, Director, R&D and Technology
Maschinenfabrik Andritz AG, Austria
Wolfgang Matzke, Manager, Technological Services R&D
H. Selder, Fibre Technology R&D
Voith Sulzer Papiertechnik, Germany
The impact of water clarification on deinking systems
P.S. Woollen, General Manager
Dr. E. Puhar
D. Kuhn
Krofta Engineering Ltd., United Kingdom

Water circuit cleaning
Hermann G. Eckhart, Licence and Co-operation Manager
Andrea Stetter, R&D Manager
Steinbeis Temming Paper GmbH & Co., Germany

Session 4: Paper and board making with recycled fiber

Multi ply paperboard forming - Pressure forming developments
Harvey W. Jolly, Project Manager & Applications Engineer
Brian W. Attwood, Consultant
Andrew T. Griffiths, Sales Manager, Board Machines
Black Clawson International Ltd., United Kingdom

Session 5: Sludge processing and treatment

Sludge dewatering to high-cake solids on belt filter presses
Dipl. Ing. Lothar E. Wenzel, Vice President, R&D Solid/Liquid Separation
Gebr. Bellmer GmbH & Co. KG, Germany

Effluent sludge use of board production
Michael Dimor, Packaging Papers Plant Manager
American Israeli Paper Mills Ltd., Israel
Session 6: Deinking technology

- A deinking system for production of high-grade printing/writing papers
  Dr. Wolfgang H. Matzke, Manager, Technological Services in R&D
  Voith Sulzer Papiertechnik, Germany

- Enzyme-facilitated deinking of mixed office waste -
  The use of alkaline cellulases
  Neal E. Franks, Sr. Staff Scientist
  Novo Nordisk Bioindustrials, Inc., USA
  Hans Christian Holm & Niels Munk
  Novo Nordisk AVS, Denmark

- Comparison of deinking processes for high quality newsprint production
  M.C. Barbe, Vice President, R&D
  S. Tremblay, Research Engineer
  Kvaerner Hymac, Inc., Canada

- Deinking, dispersion and washing in the modern mixed office waste deinking line
  Mauri Viitanen, Sales Manager
  A. Ahlstrom Corp., Ahlstrom Machinery, Recycled Fiber Systems, Finland

- Flotation - deinking in the neutral pH range
  Dr. Klaus Schwinger, Consultant
  Dr. W. Kolb AG, Chemische Fabrik, Switzerland
  Dipl. Ing. Harald Schmid
  Papierfabrik Utzenstorf, Switzerland

- Hot dispersion and post deinking: Case study
  Jean-Marie Clément, Managing Director
  J.M. Clément & Associates, Italy
Session 7: Screening and cleaning

- Lightweight reject removal by a pressure screen
  Timo Ala-Jääski, Marketing Manager
  A. Ahlstrom Corp., Ahlstrom Machinery, Recycled Fiber Systems Finland

- Recycling trends and requirements in stock screening and cleaning
  Ane Ahnger, General Manager, Marketing
  Valmet Corp., Stock Preparation, Finland

- Cleaning to remove heavyweight particles - Theory and practice
  Martin J. Sferrazza, Sales Manager - Stock Preparation
  Beloit Fiber Systems, Italy
  David Grimes, Sr. Research Engineer
  Beloit R&D, USA

- Dynamic washer and filter
  Ramesh Patel, Product Manager - Deinking
  Beloit Walmsley Ltd., United Kingdom

- The third generation cleaner technology - Operational Experiences from Glomma Papp
  S. Kenneth U. Sjögren, Managing Director
  Cyclotech AB, Sweden

- New efficient HC screening technology for recycled fiber pulps
  Börje Fredriksson, Manager, Screening Development
  Sunds Defibrator AB, Sweden
Session 8: Sticky and contaminant control

Evaluation of contaminant flows in a deinking process and estimations of the value of the raw materials
Per Engstrand, Manager, Special Development Projects
Holmen Paper AB, Braviken Papermill, Sweden
Anders Lassus
Raisio Group, Chemicals Div., Sweden
Frederik Asp, Bjarne Holmbom, Kim Wikström,
Abo Akademi University, Sweden

Polymers for pitch and stickies control
Gilles Corbel, European Product Manager
Thord Hassler, Business Development Manager
Grace Dearborn, United Kingdom

A modern approach to recycled fiber contaminant control
Tom W. Woodward, Sr., Technical Advisor, Recycled Fiber
Betz PaperChem Inc., USA

Control of stickies buildup on machine fabric
Pierre Mouyal, President, Omnikem, USA