



Sustainpack SP2 Seminar
“Latest innovation in cellulose packaging”
18 April 2007 San Zeno, Verona, Italy

9.00 Registration

Opening remarks

Tom Lindström, STFI-Packforsk

Session: Paperboard weight reduction

Overview of work package 2.2

Agneta Fuhrmann, KCL

- Effects of fractionation and beating on bonding and tensile stiffness of board
- Speaker: Agneta Fuhrmann, KCL (Finland)

- Chemical routes for improving delamination resistance of CTMP
- Speaker: Mikael Ankerfors, STFI-Packforsk (Sweden)

- Effect of CMC-deposition on tensile stiffness/tensile strength of top-layers of board
- Speaker: Minna Blomstedt, TKK (Finland)

- Paperboard Demonstrator Project
- Speaker: Anders Brodin, Stora Enso (Sweden)

Session: Linerboard weight reduction

- Overview of work package 2.3
- Speaker: Lars Wågberg or Mikael Lindström, KTH (Sweden)

- Methods for measuring creep and fracture properties of paper
- Speaker: Petri Mäkelä, STFI-Packforsk (Sweden)

- Scientific characterisation of European corrugated board materials
- Speaker: Christer Fellers, STFI-Packforsk (Sweden)

- An enzymatic approach to lignocellulose fibre modification
- Speaker: Graziano Elegir, SSCCP (Italy)

- Influence of fibre properties and fibre modifications on creep properties of linerboard
- Speaker: Lars Wågberg and Mikael Lindström, KTH (Sweden)

- Use of furan resins in linerboard
- Speaker: Wim Mulder, A&F (Netherlands)

- Linerboard Demonstrator Project
- Speaker: Lars Wågberg or Mikael Lindström, KTH (Sweden)

17.00 End of the workshop



Sustainpack SP5 Seminar
“New generation of sustainable composite materials for packaging application”
19 April 2007 San Zeno, Verona, Italy

9.30 Registration

Opening remarks (Sustainpack overview)
Christine Chirat EFPG (France).

Innovative sustainable fibre based packaging. Towards the replacement of conventional plastics.
Patrizia Sadocco SSCCP (Italy).

Sustainable thermoplastic composite matrices.
Cecilia Giardi Novamont SpA (Italy).

Session 1 : The production and use of nanoparticles in composites

Production of microfibrillated cellulose
Mikael Ankerfors, STFI-Packforsk (Sweden).

The use of nanoclays in renewable packaging.
Sheffield University (UK).

Production and potential applications of nanominerals/fibres hybrids.
Carlos Pascoal Neto. University of Aveiro (Portugal).

The use of MFC in starch based cushioning.
Lars Berglund, KTH (Sweden).

The use of nano-clays (and /or MFC) in composite films.
Susana Aucejo ITENE (Spain).

Session 2 : Fibre based thermoplastic biodegradable composites.

Innovative composites based on modified cellulose fibres.
Naceur Belgacem EFPG (France).

European Legislation for Food Contact: how to design a composite for compliance.
Giovanna Ferrari, SSCCP (Italy).

"Fibre based cushioning material - processing options and mechanical properties".
Jouko Niinimäki OULU University (Finland).

17.00 End of the workshop.