

*Innovative Modelling Tools of Resource Efficiency for Paper Industry**REFFIBRE Workshop at TU Darmstadt, Germany– April 19th, 2016*

- Time:** Tuesday April 19, 2016, from 10:30 am to 4:30 pm
- Place:** [Georg-Christoph-Lichtenberg-Haus](#), room “Großer Saal”.
Address Dieburger Straße 241, 64287 Darmstadt, Germany.
- Registration :** [Through the registration form](#) by Wednesday April 13.

Program**10:30 Registration**

- 11:00 **Welcoming words and aims of the REFFIBRE project**
Ulla Forsström, VTT

Resource efficiency indicators in paper/board value chains*Chair: Ulla Forsström, VTT*

- 11:20 **Environmental aspects of side stream applications**
Ms. Almut Reichart, German Environmental Agency (Umweltbundesamt)
- 11:50 **Parameters of Paper for Recycling grades in Europe for allocation methods used in environmental assessment**
Gert Meinl, PTS
- 12:20 **Environmental indicators for paper/board value chains based on paper for recycling – Challenges of allocation methods**
Catharina Hohenthal, VTT, Jorge Leon, Itene

12:50 Lunch**Challenges due to increased recycling – Modelling approach***Chair: Samuel Schabel, TU Darmstadt*

- 13:40 **Valorisation of side streams and novel products from papermills using paper for recycling**
Spyros Bousios, BUMAGA
- 14:10 **How to estimate the effect of increasing rejects in stock preparation for side stream applications – Outcome from models**
Maria Ahola, Samuel Schabel, TU Darmstadt
- 14:40 **How does increased reject amount affect properties of graphical and packaging papers? – Outcome from modelling studies**
Gert Meinl, PTS
- 15:10 **Controlling of the process based on resource efficiency indicators (mill data)**
Klaus Villforth, Samuel Schabel, TU Darmstadt
- 15:40 **Concluding remarks**
- 15:50 Refreshments and discussions in small groups**