

## **COST ACTION E48**

### **The Limits of Paper Recycling**

#### **E48 Steering Group, Scenarios and Recycling TF meeting**

**18-19.03.2009**

**Meeting venue: COST Office**  
**149 avenue Louise**  
**1050 Brussels**  
**Belgium**

#### **Participants**

Jan-Erik Levlín	JEL	Finland
Harald Grossmann	HG	Germany
Andreas Faul	AF	Germany
Francois Julien-Saint-Amand	FJSA	France
Ilpo Ervasti	IE	Finland
Arie Hooimeijer	AH	Netherlands
Ania Stawicki	AS	Netherlands
Barry Read	BR	UK
Ruben Miranda	RM	Spain

Apologies had been received from Angeles Blanco

*Please obs! The bolded initials in the text below indicate who has the duty to take actions in the question concerned.*

#### **1. Opening of the meeting**

The meeting was opened by JEL at 9.30 on 18.03 and the agenda earlier distributed was adopted. JEL also undertook to take notes of the meeting.

#### **2. Draft minutes from the SG/TF meeting in Brussels 15-16.12.2008**

The draft minutes from the previous SG/TF meeting in Hoofddorp, Amsterdam on 15-16.12.2008 were reviewed. No comments were received.

### 3. E48 budget issues

JEL presented the Actions economical situation on the basis of correspondence with the COST office. For the ongoing final budget period 1.6.2008 – 30.03.2009 a total amount of 98.000€ has been allocated to the Action. For the time being the breakdown of this is as follows:

- Iasi meeting	37000€
- Three SG/TF meetings	14000€
- Three STSMs	6000€
- One GASG	2000€
- Final Conference	34000€ (53 reimbursements a 640€)
Total	93000€
Surplus	5000€

The costs for printing the Action Book are assumed to be covered by the COST publication office.

All the STSMs have been carried out. Furthermore, COST has made some additional funding available for STSMs and Training Schools. Within E48 two STSMs have been carried out with this extra funding.

Various possibilities to utilize the surplus of 5000€ for the benefit of the Action were discussed. Our Action SO Melae Langbein present during this part of the meeting undertook to investigate the possibilities to get COST approval for a final TF Book meeting to be held during the summer to finalize the editing of Book manuscript.

### 4. Report from the FPS DC meeting in Zagreb on 04-05.03.2009

JEL reported briefly about the annual progress monitoring FPS DC meeting recently held in Zagreb. To this meeting all Chairs of ongoing Actions had been invited to present the status of their actions with the use of a template developed for this purpose. The monitoring process concentrated more on administrative COST matters than on the Actions' substance. The feedback from the DC concerning E48 is the following:

*The DC commended the Action's involvement of ESRs and use of STSMs and the involvement of a number of countries that had only recently become EU member states.*

JEL has distributed his Zagreb presentation together with the feedback to the MC on 12.03.2009

## **5. Issues related to the finalizing of the Action**

The Actions SO Melae Langbein has earlier distributed a rather comprehensive description of the issues related to the finalizing of the Action. To summarize, the Action has to produce three things:

1. A Scientific report to be a part of the overall administrative report for the Action. This is **JELs** duty and a draft was reviewed at the meeting..
2. A Final publication. In our case this is the Book. The main responsibility for this is the **SG/TF** group with **BS** as the secretary, the Editor in Chief.
3. A Final brochure. This is the duty of **JEL** and it will be very similar to the brochure already developed for the recent DC meeting in Zagreb.

Furthermore, the Actions web page is to be maintained for 5 years after the end of the Action. **HG** promised to take care of this.

## **6. Finalizing the arrangements for the Final Conference in Munich on 06-07.05.2009**

The Conference flyer has been printed and is being distributed. Concerning the arrangements **HG** reported the following:

### **Registration for COST participants**

- COST participants shall not register directly to PTS but only via JEL who will send the list of registrations to Ms Helga Zollner-Croll at PTS. The already existing list of preregistrations by JEL will be sufficient for this purpose. Changes should be reported as the list will be binding towards PTS.
- PTS will need affiliation and address details of the participants in order to be able to distribute conference material after the Conference. Participants are requested to deliver this information to JEL, a.s.a.p., but in any case before the meeting. I.e. we need your complete coordinates (name, affiliation, full address). JEL will then forward that to PTS.
- The registration fees for the Conference and dinner can be paid in cash at the registration desk
- **HG** will discuss the fees for speakers with PTS
- **HG** will name a few hotels within a walking distance from PTS
- **HG** and **AF** will still discuss the dinner arrangements with PTS in order to find a

cheaper alternative

- **JEL** will distribute this registration information on this to all COST participants

### **Instruction to speakers**

- Heinrich Hammer at [heinrich.hammer@ptspaper.de](mailto:heinrich.hammer@ptspaper.de) is responsible for the arrangements concerning presentations.
- According to PTS praxis only a set of presentation abstracts will be printed and distributed to Conference participants on registration. After the Conference the ppt presentations will be compiled on a CD and distributed to all registered participants.
- The speakers must deliver a 1-2 page summary of their presentation to Heinrich Hammer **not later than 20.04.2009**
- The speakers can bring their presentations on a memory stick directly to the Conference even though an earlier delivery to Heinrich Hammer at PTS will be appreciated.
- **HG** will distribute these instructions to the speakers.

It was agreed to also include some information on the Actions Book in the abstract booklet to be distributed at the meeting. This will include

- the title, see § 8
- the list of content
- an abstract

During the Final Conference the Action will also be evaluated by an Evaluation Panel appointed by the DC. This panel consists of

- Bruno Anderssons, LV, Rapporteur
- Klaus Niemelä, FI
- Patrizia Sadocco, IT

## **7. Finalizing the scenarios development work**

**HG** has been working on the material developed during the three Action meetings in Sofia, Budapest and Iasi, respectively, as well as during the SG/TF meeting in Amsterdam and he had distributed summaries of these before the meeting. During the meeting

- the conclusions concerning the development of various aspects influencing the future recycling in the four different scenarios were finalized
- overall conclusions concerning the development of the most important factors influencing p&b recycling were drawn and
- conclusions concerning future research needs were developed

The meeting participants should still think about these and provide their comments to HG **before 31.03.2009**. After this **HG** will finalize the Scenarios for inclusion in the Book

## **8. Discussion of the Actions final report, the Book**

### **a) *Issues related to the publication***

AH informed the group that KCPK has made arrangements to enable Ania Stawicka (AS) to help Bartek Stawicki, now occupied with his job at Norske Skog, with the work as Editor in Chief for the Book project. This was much appreciated.

It was agreed to find a commercial publisher rather than OPOCE for the Book in order to speed up the printing and publishing process. The meeting was informed by the SO Melae Langbein that the printing costs will also in this case be covered by the COST central budget. For this purpose two different quotations have to be obtained. **AH** and **BR** will ask for these from printers that they know. As a basis for the quotations the following details were agreed upon:

- colour printing
- size 17X24 cm
- number of pages 180
- soft covers
- edition 1000 ex
- the print shop shall distribute the Books to the national MC members for local distribution
- printing should take place in early autumn

As soon as the quotations are available **JEL** will forward the publication request to the COST office. This request also requires a title for the Book and the following one was agreed upon:

### **The Future of Paper Recycling in Europe.**

#### *Opportunities and limitations*

The Book manuscript will also be placed on Internet after the Munich meeting. **BR** will identify a suitable server for this.

### **b) *The text***

**BS** had distributed the material so far received and edited for Chapters I - IV of the Book. The material for the manuscript now exists almost entirely. It was thoroughly discussed and minor changes and improvements still required were agreed upon. AS

took notes of all details requiring changes and AS/BS will continue to edit the material during April.

The list of inputs still missing or needing some further development include:

II.6 Current research projects +App	Branka Lozo
III.10.6 Energy	Jori Ringman+Marko Mensik?
III.10.7 Carbon footprint	Jori Ringman+Marko Mensik?
IV.1.1 Trends in Paper and Board Production	Harald Grossmann
IV.1.2 Fibrous raw materials...	Ilpo Ervasti
IV.1.4 Trends in Paper Finishing	Andreas Faul
IV.1.7 Societal aspects	Arie Hooimeijer
V. Conclusions for strategies...and Research needs	Harald Grossmann + Group
App 2 Research projects	Branka Lozo
App 3 Input from suppliers	Harald Grossmann

(In the meantime, Branka Lozo has delivered her missing material).

It was agreed how these inputs should be developed. All missing material should be delivered to BS and AS not later than **20.04.2009** after which they will finalize editing the manuscript and distribute it to the group before the Munich meeting.

Suppliers inputs had been received by HG from all the three that had given presentations, ie Andritz, Kadant and Metso. It was agreed that AF could still approach Voith to offer them an opportunity to provide an input even though they had refused to give a presentation at one of our meetings.

Before the Munich meeting everyone should read the complete manuscript carefully in order to find overlappings, contradictions etc in the text.

**BR** will take care of the linguistic check of the manuscript in cooperation with Donald Mac Neil. This work should start after the Munich meeting.

## **9. Discussion of ideas for new COST Actions**

It was noted that of the proposals known to the group and submitted by the end of September 2008 only the one on *Analytical techniques for Biorefineries* developed by

Stefan Villför, Åbo Akademi, Finland had been approved for second stage proposal submission. It had then been presented to the FPS DC in Zagreb.

AF will resubmit his proposal on *Maintaining and improving a sustainable design of paper and board products* by the end of March 2009. Branka Lozo and Tadeja Muck will resubmit the proposal of the latter which had earlier been refused after the presentation to the DC.

It was not known what had happened to the ideas of Roland McKinney and Stergios Adamopoulos.

BR has the intention to propose a Strategic Workshop on *Future Research Needs of the Paper Industry*, This could preferably be arranged together with CEPI at the Paper Week in November 2009.

In this context the earlier idea *Future availability of papermaking fibers* as a Strategic Workshop was not discussed. It had been thought that **KCPK** probably could arrange such a Workshop in case it is approved by COST. Another alternative that had been mentioned was Poland. BS had been in contact with Prof Aleksander Klepaczka, Lodz, who had expressed a great interest in organizing such an event. HG is well prepared to assist any corresponding activity.

#### **10. Further meetings of the SG/TF group**

The Group confirmed to reserve the day immediately after the Final conference, May 8 for a meeting at PTS to finalize the Book manuscript. If COST can provide funding for an additional editing meeting this will be planned for early July.

#### **11. Closing the meeting**

The meeting was closed at on 18.03 at 17.00

