

Minutes of Working Group 2

Monday, 19th of May 2008

1. Review of Warsaw Meeting by J. Welling
2. Good and bad news
3. Statements of participants about drying and moisture content related research situation in Europe:
 - D: Colour related topics, ISPM 15, mould on ISPM 15 treated material, moisture content determination of fuel wood and other topics, number of research institutions and researchers is decreasing.
 - SE: saving energy, number of researchers in the field of timber drying declining
 - FR: energy consumption with vac drying, oscillating conditions, projects for decreasing energy consumption, drying of poplar
 - ES: drying of Eucalyptus with microwaves/vacuum
 - NL: Drying expertise went from researchers to the industry, industry invests in education for drying educators
 - SL: discoloration is a major problem, drying time shortening, energy consumption decrease
 - IT: energy consumption
 - PT: reduction of drying costs, energy consumption, development of a solar kiln
 - CAN: drying groups of different species together, development of better drying schedules, number of researchers decreasing, energy is not so important, dielectric heating systems
 - Serbia: mc problems, discolorations, oscillation schedules
 - IRL: cost efficiency, wood as fuel for domestic purpose → pellets, demand of timber for constructions is going down due to decreasing building activities
4. Short reports of task groups
 - a. task group "mc measurement/drying quality"
table of content presented, work schedule for task group "mc measurement" is fixed until the end of COST E53, names are allocated to tasks
translation group: Forsen, Salin, Sandland, Knaggs, Welling, Esping

Review text group: Gard (hardwood issues), de Corte, Esping, Tronstad
Layout support: Parvan

- b. task group "discolorations" by W. Gard
fact sheets about different types of discolorations presented
- c. task group "distortions" by R. Grohmann
fact sheets about different types of distortions presented

Tuesday, 20th of May 2008

1. Discussion
one single document or collection of sheets as result of the task groups work?
→ collection of sheets preferred
2. Presentation of book "drying fundamentals", Patrick Perré (editor) now available, order form on COST E53 and EDG web-page
Does a book for practitioners make sense? Yes → common sense of WG2,
discussion on content: extra chapter for hardwoods? Positive;
concept of sheets instead of a book? Negative, fact sheets are additional,
content can also be included in a book; investment planning? Positive;
Please send wish list and/or expression of willingness to contribute as author to Welling; draft of content list will be sent to interested co-authors by J. Welling
3. Website EDG/torkeklubben
too little traffic on the forum site www.torkeklubben.no/forum
ways to improve the forum have been discussed:

homework for all participants:

- **links should be posed on many websites of the COST members**
 - **produce artificial traffic by COST members; task: 1 question per delegate within the next tow weeks**
4. Presentation: MC measurement in fuel wood by J. Welling:
result of investigations: German mc limit regulation of 25 – 15 % mc does not make sense because mc measurement is too inaccurate, strict control of MC does not reduce respirable particle emission substantially, other parameters are much more important.
 5. Collection of priority topics for next WG2 meeting in Ljubljana 2009:
 - best drying time?
 - best technique?



WG Meetings COST Action E53
"Quality Control for Wood and Wood Products"
Location: Holmenkollen Park Hotel Rica, Kongeveien 26,
Oslo, Norway
Date: 19th – 20th May 2008

- influence of wood or drying process on final quality of dried wood?
- time and energy saving in hardwood drying
- probable title:
"time and energy saving in hardwood drying"

**→ homework to all participants:
send proposals for presentations to Zeljko Gorisek**

Wednesday, 21.5.2008

Seminar-type meeting in cooperation with EDG.

Audience: approx. 60 attendees, 50% from Norwegian industry, including several manufacturers of kilns,

Content: 9 high level oral presentations by drying experts from 6 different European countries

Dissemination: pdf-versions of all presentations can be downloaded from COST E53 and EDG website (probably in the middle of June)

Rapporteurs: Rainer Grohmann / Johannes Welling