COST Action E49
Processes and Performance of Wood-Based Panels

2005 - 2009

Participating countries: AT, BE, BG, CH, DE, DK, ES, FI, FR, GR, HU, LV, MK, NO, PL, PT, RO, RS, SE, SI, SK, TR, UK

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Objectives:
- Enhance existing WBP and stimulate product innovations.
- Optimise the ecological and technological properties of WBP.
- Improve automation and control technologies for all stages of the production processes.
- Minimise environmental impact of production processes.
- Improve techniques for modelling and simulation of WBP production and performance.
- Enhance the understanding of the relationships between process, structure and product performance on a micro and macro scale.
- Support the EU's six essential requirements for the optimal end-use of WBP in construction.

Main Achievements:
- The databases established by E49 are helping researchers in the field to be more aware of industry's needs and industry is better informed about skills distribution
- The WBP knowledge-base has been enhanced by collaborative projects initiated during meetings organised by E49 and by the STSM awarded to young researchers
- The state of the art reports will provide a useful reference for many years to come