

Welcome to COST E36

E36 is a European COST Action on Modelling and Simulation in the pulp and paper industry active during the Years 2004 – 2008. This Website is still open to further enhance the knowledge exchange on modelling and simulation in the pulp and paper industry.

Why this COST action?

- The big questions in simulation are still to be solved or are just about to be solved (paper properties, wet end chemistry)
- The complexity and the high velocity of processes can not any more be mastered by individuals or simple automation tools
- A large number of research projects started or are about to start and probably simulation will be one key issue in FP6
- There is no general awareness in the mills concerning simulation and therefore a need for the dissemination of know how
- Simulation is a typical future problem solving approach
- Number of applications of simulation tools will have high growth rates in future

Objectives and Benefits

The main objective of the Action is to promote the development and application of modelling and simulation techniques in pulp and paper manufacturing processes.

The main benefit will be a better understanding of the mechanisms of the processes and their control loops. This will help to find solutions for currently pending problems in the paper industry: improving the paper quality, optimising the wet end chemistry, enhancing the runnability and reducing emissions by improving process design, process monitoring and decision support during operation. In the long run this action should also contribute to designing superior or new product properties.

Get a quick overview on the main achievements of COST E36

[-> COST E36 Quick overview and achievements \(100K\)](#)

[-> COST E36 Outcome of the action \(150K\)](#)

Key Figures E36

Members MC:	22
Members WG s:	59
Duration:	4 years (2004 – 2008)

Budget: approx. 60 T per year

Cost of the activities carried out in the course of the action: 20 M

Person Years involved: 180 person-years

Participating countries: Belgium, Denmark, Finland, France, Germany, Netherlands, Norway, Poland, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom