

## UTILISATION OF RESULTS

The database with related data for all parts of the forest sector: wood conversion, pulp and paper and forestry, is a unique basis for continued research and development with a large potential in several areas. The project partners will continue to perform research and development based on these data, individually and in different cooperative constellations.

Knowledge gained in the project about demands of paper products on wood raw materials is being further utilized by STFI-Packforsk in the European EFORWOOD project (Tools for Sustainability Impact Assessment of the Forestry-Wood chains).

The methods for identification of the most efficient and significant independent variables and model structures arrived at in the Innovood project have been further developed and rationalised. They are now used in other projects for modelling of other forest resources.

The visualization tool is used in teaching and in research by other groups. It is also incorporated in other model systems as an additional visualization resource.

The data and models developed in the project and tested in the cases studies have also been used to further develop existing tools by VTT (WOODCIM, InnoSIM) and by STFI-Packforsk (WoodSim, FibreSim) for optimal allocation and processing of wood and fibres for specific products and mills. There is still a potential to further improve these tools and to add new functionalities based on the data and models from the project.

The InnoSIM model system is the key tool in the big (budget 1 million euros) Finnish industrially oriented project “Adaptive and flexible manufacturing systems for wooden components”. The project aims at creating new concepts to move from bulk products and production to value added products with specified product properties.

InnoSIM is now applied in several ongoing contract works for woodworking companies, within and outside Europe. The goal of the biggest project is to find optimal processing strategies for a company planning to build new mills. InnoSIM is also used in the EFORWOOD project and several other national and international projects are in the planning stage.

Procedures developed in the project for comparison of pulps from wood of different origins are now being applied on other wood species in the STFI-Packforsk research Cluster “Tools for Optimal Fibre Utilization”, funded by a group including several of the largest paper companies in Sweden and Finland.

Data and models developed within the project are now utilized in further studies of wood use and pulp properties by Södra Cell.

The project partners are now involved in a number of joint applications to the WoodWisdom – Net programme. These initiatives have benefited from the results of the project and also from the improved knowledge among the partners about available resources, methods, competences and new research possibilities through cooperation.