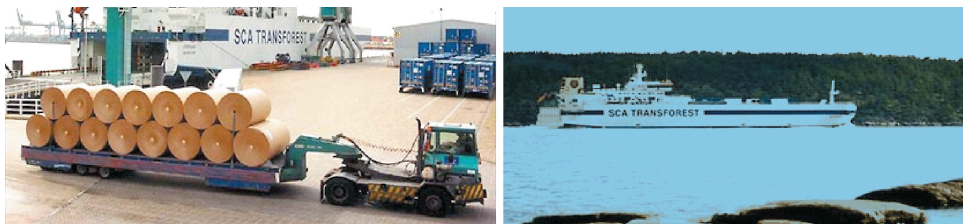


Case: SCA Transforest AB



Optimising the use of resources in the Roro –ship cassette -system

SCA Transforest has a fleet of three Roro –ships used for distribution of forest products from Sweden to European harbours. The products are transported on cassettes designed for this purpose. SCA wanted to get better picture of the whole system and influences of different parameters as well as need of investments.

SW-Development investigated efficiency of the cassette system by using dynamic simulation. The first stage of the project was to determine the current state of the system by using the cassette transactions of the previous year. After this the aim was to find more efficient ways of controlling the cassette system. The results of the project showed that the efficiency of the existing resources could further be improved.

Peter Eriksson, the logistic manager of SCA Transforest says: “Simulation is a powerful tool for analyzing the present logistic system and for developing new more efficient ways of operating in logistics.”

SCA Transforest is a transport and logistics company within SCA's business area FOREST PRODUCTS. SCA Transforest has dedicated terminals at strategic locations in Europe, where they can offer stevedoring, warehousing, forwarding, customs clearance, ship agency and other related services.

Another major activity is marine transportation. Cargo is carried partly by a specially designed fleet of Roro –vessels in system traffic and partly by chartering on the marketing.

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