

SE SIS under development

The German Minister of Research and Development is providing €3 million for the development of SESIS, an advanced computer programme for ship design and simulation.

Coordinated by the Fraunhofer Institut for Algorithm and Scientific Calculation (SCAI), project partners are the Centre of Maritime Technology (CMT), German Association of Aerospace and Space Technology (DLR), the Technical University Hamburg-Harburg, and from industry SAM Electronics, Flensburger Schiffbau, and Schiffswerft

Lindenau. The project started in May 2005 and should complete at the end of April 2008.

In most cases, 70% of a ship's construction cost, and its basic performance parameters, must be fixed at a very early design stage. Shipyards and supply and engineering companies or organisations need a network and tools to cooperate rapidly and flexibly at this decisive phase.

SE SIS is a computer programme to integrate existing design methods and software solutions, such as Flensburger's computer-aided design technology, with an open modular approach allowing other applications to be integrated later.