



EUROPEAN RESEARCH ICEBREAKER



### **BMBF project: AURORA BOREALIS**

The German Science Council evaluated the AURORA BOREALIS project in May 2005 and recommended the construction of the research icebreaker in 2006 (see also [History](#)).



From March 2007 to January 2009 the [German Federal Ministry for Science and Education \(BMBF\)](#) funded the preparatory work for AURORA BOREALIS (grant no. 03F0464A). In this project the final engineering work for the development of the vessel was carried out under coordination of the [Alfred Wegener Institute for Marine and Polar Research in the Helmholtz Association \(AWI\)](#).

### **Project running time: March 2007 - January 2009**

Two main targets:

1. Technical refinement of the vessel and model tests and
2. Implementation of AURORA BOREALIS as a European / international Research Icebreaker.

### **Technical development and modell testing**

The Alfred Wegener Institute for Polar and Marine Research assigned the engineering office SCHIFFKO GmbH - Research and development of marine systems in Hamburg - for the general planning of the new research icebreaker AURORA BOREALIS. SCHIFFKO GmbH was founded in 1955. Since 2006, it belongs to the Finnish company Wärtsilä Ship Design.