



PROJECTS: Application & Implementation

KEI is running interdisciplinary projects in the area of “Global change and social-economic consequences”. Finding solutions for social problems caused by global change and transporting them into the society is the main task of KEI. KEI identifies research topics and will pass relevant information on the topics to the project partners. All project partners work together on the solutions to the problems addressed in the project proposal. KEI as a virtual institute serves as an organizational platform and is responsible for the internal and external communication.

All projects are governed by the principles of “Safeguarding Good Scientific Practise” by the German Research Foundation. The project results are open to the public.

Environmental Impact Study for a Fixed Fehmarnbelt Link

Scientific investigations are to be carried out into the possible effects of construction of the planned fixed Fehmarnbelt link between Germany and Denmark (bridge, tunnel) on the marine ecological system.

(Photo: Christoph Petereit)

[Read more ... Environmental Impact Study for a Fixed Fehmarnbelt Link](#)

Effects of Global Change on Marine Ecosystems

"Protected species and habitats in the German Baltic Sea and in the North Sea and their sensitivities against anthropogenic impacts and climate change"

[Read more ... Effects of Global Change on Marine Ecosystems](#)

Fisheries Management

Due to their central geographic location the North Sea and Baltic Sea account to the marine areas with the highest anthropogenic impact in the world. The German declaration of ten protected marine sites as part of the European network of Natura 2000 sites means that about 31% of the combined exclusive economic zone (EEZ, 12 to 200 nautical miles) of the North Sea and Baltic Sea has been placed under protection. Together with other anthropogenic influences, the fisheries industry is a human activity considered to have considerable strong effects on marine habitats and species. The project is financed by the Federal Agency of Nature Conservation. The aim of this research project is to develop, in consultation with relevant interest groups and close cooperation with fishing research institutes, proposals for ecologically sound and sustainable fisheries management measures in the marine Natura 2000 areas which can eventually be implemented by the responsible authorities.

[Read more ... Fisheries Management](#)