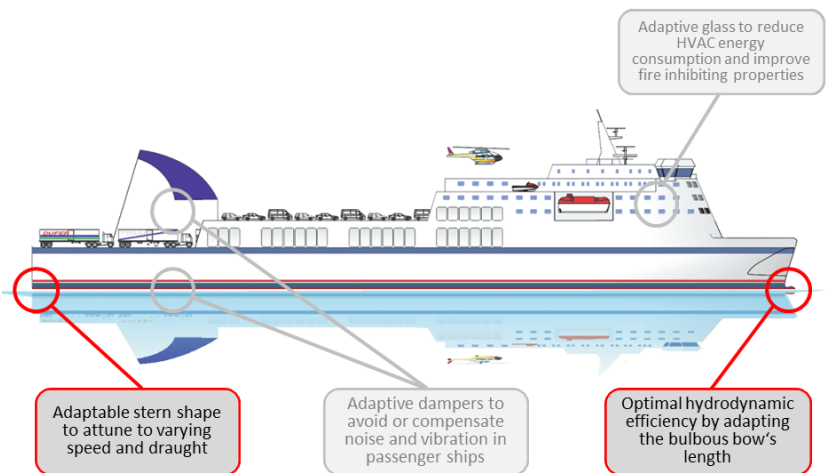


Dear Sir or Madam,

The project *Adaptive and smart materials and structures for more efficient vessels (ADAM4EVE)* aims to improve the flexibility of vessels to cope with varying operational conditions. The means to achieve this is to make use of adaptive materials and structures which are able to change properties according to external factors.

Materials and structures are called **adaptive** if they can change certain properties in a predictable manner due to the stimuli (e.g. forces, light, heat) acting on them (passive) or by means of built-in actuators (active). They are referred to as **smart** if they provide best performance when operation circumstances change. ADAM4EVE focuses on the development and assessment of application of such materials and structures in the shipbuilding and yacht industry. The development and implementation of smart materials will allow ships to react more flexibly to changing operational and environmental conditions and therewith operate more efficiently and environmentally friendly. Some of the applications ADAM4EVE is dealing with are indicated in the adjacent picture. For more information on the project, please have a look at the project website (www.adam4eve-project.eu) or at the project brochure which can be downloaded from the website.



In order to present the results achieved so far by the project as well as to discuss possible uses of these results, we are pleased to take the opportunity to come up with an interesting workshop on the topic of hydrodynamics. **The workshop on Adaptive Ship Hull Forms** for improved hydrodynamic properties will be held at the **VTT Technical Research Centre of Finland in Espoo on 4th of June 2015 (Morning until Afternoon)**. As a special highlight, practical demonstrations are planned in the VTT field testing facilities to provide a practical insight into the subject matter. Moreover, the workshop will offer you an excellent opportunity to get in contact with developers and end users directly to discuss highly innovative solutions.

A **SAVE THE DATE** flyer is circulated together with this invitation letter, on which information on how to register for the event can be found. Please feel free to forward this information to your colleagues or to whoever might be interested. We would be very pleased to welcome you at the workshop. Further information on the programme and venue will soon be provided. If you have any questions in advance, please do not hesitate to contact us.

With kind regards

On behalf of the ADAM4EVE consortium

Center of Maritime Technologies e. V.

Bramfelder Str. 164

22305 Hamburg, Germany

Fon: +49 (0)40 6920876 33

Matthias Krause

Meike Neufeld