

**CORNET Call for Proposals: International Collective Research**  
**--- Organisation profile ---**

Organisation:	<b>Antwerp Maritime Academy</b>
Website address:	<a href="https://www.hzs.be/en/research/research-groups/sustainable-transport">https://www.hzs.be/en/research/research-groups/sustainable-transport</a>
Organisation typology:	<input type="checkbox"/> SME Association <input checked="" type="checkbox"/> University <input type="checkbox"/> Research Centre <input type="checkbox"/> Other (please specify)
Sector:	<input type="checkbox"/> Materials <input type="checkbox"/> Process Engineering, Energy Technology and Environment <input type="checkbox"/> Business Management and Organisation <input type="checkbox"/> Construction and Production <input type="checkbox"/> Chemistry, Textile, Food, Health and Medical <input checked="" type="checkbox"/> Measurement and Information
Field of specialisation:	<b>Ship, sustainable transport, indoor air quality, risk, human health, data visualization</b>
Expertise offered:	<p>The Sustainable Transport research group specializes in the impact that ships have on our well-being, our health and our environment. We build up expertise on air quality in and around ships, on measures that improve air quality. We have developed algorithms that convert pollutant measurements into risk. We visualize risk and events in such a way that sailing staff can process high-end information in an intuitive way. We offer the following expertise:</p> <ul style="list-style-type: none"> <li>• Analysis of ambient air in and around ships</li> <li>• The processing of sensor-based measurements</li> <li>• Data cleaning, data processing and data visualization</li> </ul> <p>Equipment:</p> <ul style="list-style-type: none"> <li>• Sensor boxes to monitor air quality in real time</li> <li>• Research engine</li> </ul>
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