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HORIZON EUROPE PROGRAMME – TOPIC: HORIZON-CL5-2022-D5-01-02



# **AENEAS**

## **innovActive ENERgy storage systems onboArd vessels**

### **Deliverable D 4.3**

Performance and functional testing of the ESS modules

<b>Deliverable Type</b>	Report
<b>Dissemination Level</b>	Sensitive
<b>Due Date (Annex I)</b>	31.01.2025 (Month 24)
<b>Pages</b>	30
<b>Document Version</b>	Final
<b>GA Number</b>	101095902
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## Public Summary

This deliverable represents the functional testing results of the ESS modules that are developed in AENEAS project. Firstly, the objectives of these tests are defined in combination with the specifications of the ESS related to the functional tests as well as the acceptance criteria of the outcome. Secondly, the loading profiles on the ESS is described with their reasoning. The results of the response of the modules then are presented. The test results conclude in the decision to move to hardware in the loop tests in the future deliverables. In the final section, the validity of the electro-thermal models and cooling performance of the modules are investigated and reported.