Enerit / SmartBay Safety Management System Software

Institution/Company name	Enerit / SmartBay Safety Management System Software
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  □ **Key words**

Software engineering / development

  □ **Description**

Enerit Systematic Energy Management Software promotes best practice energy management that offers complete coverage of IS0 50001. This collaboration between Enerit and SmartBay proposes to modify the software to be used as a safety management system for vessels.

Enerit Ltd. – Enerit is the first and only company in the world to develop **systematic energy management software which provides complete coverage of ISO 50001**. Enerit has been extensively involved in the development of the ISO 50001 standard and since 2006, Enerit has helped leading organizations to prepare for the roll-out of ISO 50001, using the IS 393 energy management standard. Although primarily an energy management system, Enerit has a flexible software solution to meet a variety of requirements.

SmartBay Ireland Ltd. – SmartBay Ireland offers a complete range of marine services to all users of the national marine test and demonstration facility. As part of its services, SmartBay fosters commercialisation initiatives to develop ICT products and services for the global maritime sector. SmartBay provides technical business support to local SMEs and MNCs to develop maritime related applications. SmartBay brokers partnerships which include both national and international researchers, SMEs and MNCs. The ultimate aim is to translate

research into innovative products and services which will result in economic growth and job creation for Irish companies.

Enerit Ltd has developed their software which enables companies and organisations manage their energy use in an efficient manner. The main strengths of Enerit and their software are:

- Enerit is an established company and have input considerable resources into developing the software for the last 10 years.
- Intellectual property (IP) is in place protecting the software developed by Enerit Ltd.
- Enerit is ISO 5001 certified for Energy Management

□ **Applicability of Technology to Maritime SMES**

SmartBay Ireland will assist Enerit Ltd by bringing the software already developed for energy management into the marine sector. SmartBay will licence the software from Enerit and develop it further, establishing it as OHSAS 18001 certified Occupational Health & Safety software with particular use in marine safety management systems to comply with health and safety procedures.

SmartBay will develop the route to a marine market, using P&O Maritime as a demonstration case for the software. Although safety management systems exist, there are few specific systems in place to deal with Occupational Health & Safety in a marine work environment. This software solution will provide a document management system for Quality, Health and Safety, putting a hierarchy in place for editing and publishing documents, while allowing the most current version of the document to be available to a user at any time, in any location.