

Smart digital data engine enables app that exactly meets the documentation needs of the shipping industry

Summary

Profile type	Company's country	POD reference
Technology offer	Germany	TODE20230517006
Profile status	Type of partnership	Targeted countries
PUBLISHED	Commercial agreement with technical assistance	• World
Contact Person	Term of validity	Last update
Rita Elste - Tomsone	17 May 2023 16 May 2024	17 May 2023

General Information

Short summary

A Northern German Start-Up has developed a smartphone application to digitize and simplify documentation processes around the vessel and sea freight. The app is adapted to the needs of the maritime industry and helps to combine the mandatory reports and tracking with innovative technology.

Full description

Digitalization and the use of data have an increasing impact on the maritime industries. However, while the machinery on board is very well equipped with sensors and transmitting relevant data for years, logbooks and obligatory reports are often still written with word or excel sheets or even by hand on printed templates. With the smartphone app development of a digital logbook for shipping, a Northern German SME supports the overall management of a vessel through its on-shore management, on-board crew support and through the integration of digital tools, maritime actors and their services.

The app especially meets the needs of the maritime industry as the intention is to remove unnecessary work but value the knowledge and experience of current stakeholders in the market. Special features are designed to create the Inventory of Hazardous Materials reports and maintenance updates. The company is also working on the development of Monitoring, Reporting and Verification reports and any other kind of documentation or survey on board, e.g. on materials or cargo. All data is available in the platform, thus data can be easily transferred by the user.

Different stakeholders such as shipowners, surveyors and crew benefit from cooperation, as the digital tool increases

time and cost efficiency significantly – they become more competitive and add value for their clients.

The platform is already on the market, tested successfully and ready for use by more than 3,000 vessels, operated by more than 120 shipping companies. The company is continuously working on the development of additional features – further exchange and negotiation about customized features is welcome.

Advantages and innovations

- Tailored solution for the documentation needs of the shipping industry
- Increases time and cost efficiency significantly
- Enables risk prevention through continuous data monitoring
- Serves as a helpful tool from an independent partner, assisting vessel and fleet owners to fulfill their legal obligations
- Easy to integrate

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

Secret know-how

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**

Partner Sought

Expected role of the partner

Cooperation is offered to maritime industry stakeholders, e.g. vessel or fleet owners, that want to increase time and cost efficiency by using the app to create

- Monitoring, Reporting and Verification reports
- Inventory of Hazardous Materials surveys
- Cargo documentation
- Materials documentation
- Any other type of survey, report or documentation necessary on board

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

- SME 11-49
- SME <=10
- Big company
- SME 50 - 249

Dissemination

Technology keywords

- **01004003 - Applications for Transport and Logistics**
- **01001002 - Digital Systems, Digital Representation**

Targeted countries

- **World**

Market keywords

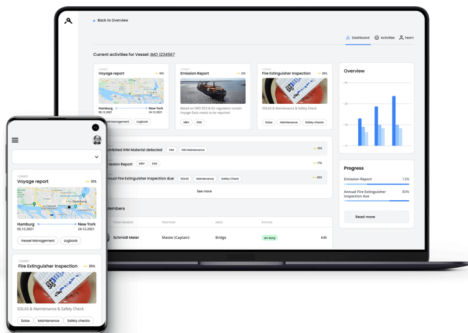
- **08006001 - Process control and logistics**
- **01004002 - Data communication components**

Sector groups involved

- **Maritime Industries and Services**

Media

Images



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