

SHIPTEC
EcoShip

Smart solutions for modern shipping
Intuitive digital solutions for greater efficiency and lower costs.

For fleets and individual vessels.

Shiptec AG | CH-6002 Luzern | www.shiptec.ch

EcoShip – Efficient operations for modern shipping companies.

EcoShip is Shiptec's **modular monitoring and management system** for single vessels and fleets. It connects various data sources in a technology- and manufacturer-independent way on a central online platform, making it ideal **for existing vessels, refits and new builds.**

The ecosystem comprises four coordinated modules, **EcoLog, EcoLive, EcoFleet and EcoPilot**, which can be used independently or as a complete system, accessed through a **single intuitive online platform**. This gives you full transparency across your fleet, lowers operating costs and provides a solid basis for maintenance and refits.

	SHIPTEC EcoLog	SHIPTEC EcoLive	SHIPTEC EcoFleet	SHIPTEC EcoPilot
Description	Automatically captures operational data and turns it into intuitive reports.	Live dashboard for individual vessel, accessible on phone, tablet and PC, with alerts for critical values.	Live fleet overview with tools for maintenance planning, documentation and fleet management.	Assists efficient driving on scheduled routes with recommended speeds and retrospective driving analysis.
Benefit	• Automated data collection • Intelligent reports • Future-proof data foundation	• Better remote information • Faster trouble-shooting • Earlier deviation detection	• Central overview • Better documentation • Easier maintenance planning	• >10% Fuel savings possible • Punctual operations • Supports crew training
What's included?	• Measurement & IT systems • SIM-Card • Reporting System with templates and custom options	• Dashboard setup & support • Live dashboard access	• Setup and support of the fleet overview • Fleet management access • Unlimited entries & rules	• Display rental • System setup & support • Initial training • Crew training tool
	• Unlimited, role specific online access for all relevant users to your modules on the EcoShip platform			

This is how we shape your solution

Needs assessment → Initial setup / Pilot → Supported rollout → Tailor-made digitalisation

Thanks to modularity and joint needs assessment, you get exactly what you really need.

We are also happy to implement customer-specific solutions.

SHIPBUILDING
ENGINEERING
SERVICE

SHIPTEC
EcoLog

DATA COLLECTION & REPORTS

Connecting all relevant data sources

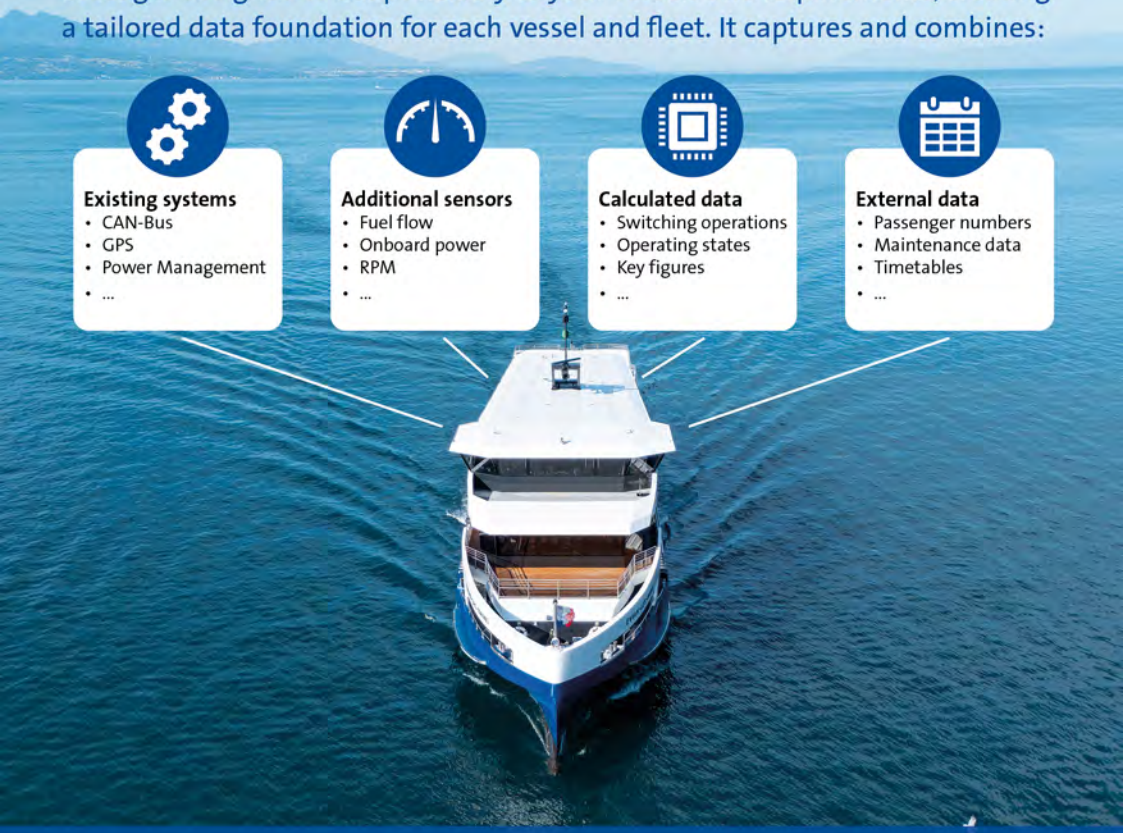
EcoLog is designed to adapt flexibly to your vessels and requirements, creating a tailored data foundation for each vessel and fleet. It captures and combines:

Existing systems
- CAN-Bus
- GPS
- Power Management
- ...

Additional sensors
- Fuel flow
- Onboard power
- RPM
- ...

Calculated data
- Switching operations
- Operating states
- Key figures
- ...

External data
- Passenger numbers
- Maintenance data
- Timetables
- ...



How data becomes valuable to you

Capture
Data is automatically captured from various sources.

Process
It is centrally processed and made available to you online.

Use
It can then be used in reports, live dashboards, fleet overviews or assistance systems.

Shiptec AG | CH-6002 Luzern | www.shiptec.ch

SHIPBUILDING
ENGINEERING
SERVICE

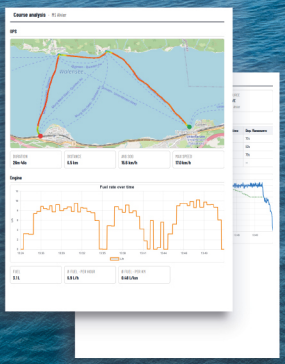
SHIPTEC
EcoLog

DATA COLLECTION & REPORTS

Logbook with intelligent reports

EcoLog automatically captures relevant operating data, structures it clearly and turns it into meaningful reports. This reduces manual entries, simplifies processes and provides a solid foundation for sound decision-making.

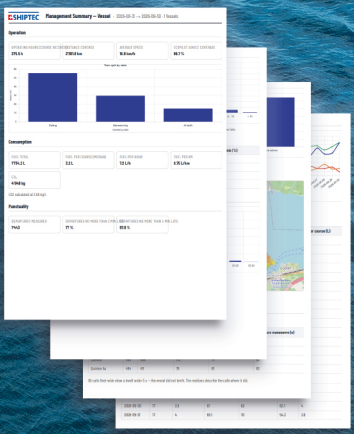
Course



Fleet



Vessel



EcoLog's audience-specific and tailored reports

Your key benefits with EcoLog

Automatic data capturing
with on-board preprocessing and instant digital avalability.

Intelligent reporting
for better decision-making and a clearer understanding of operations and vessel use.

Solid data foundation
for later long-term analyses and modernisation decisions.

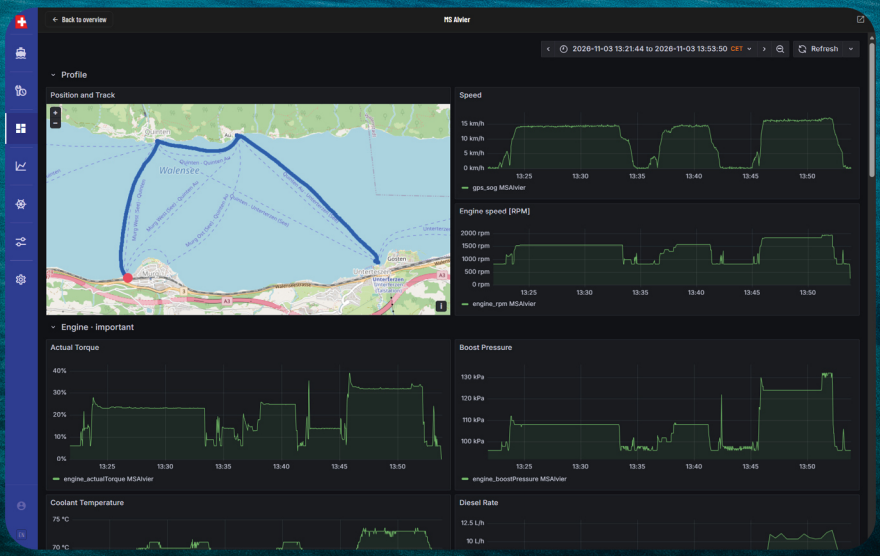
SHIPBUILDING
ENGINEERING
SERVICE

SHIPTEC
EcoLive

VESSEL-DASHBOARD

Intelligent live monitoring dashboard

EcoLive displays current and historical operating data in a clear online dashboard for desktop and mobile devices, with alerts for irregularities. It helps you detect deviations early and respond quickly.



EcoLive's fully customisable monitoring-dashboard

Your key benefits with EcoLive

Better information
on all relevant technical data, wherever you are.

Faster troubleshooting
through remote diagnosis and support.

Lower maintenance costs
thanks to early detection of deviations.

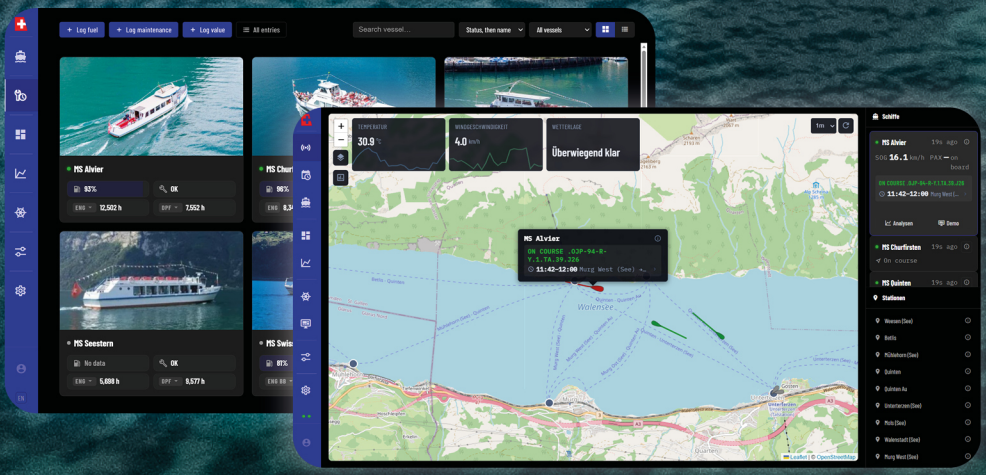
SHIPBUILDING
ENGINEERING
SERVICE

SHIPTEC
EcoFleet

FLEET MANAGER

Central fleet dashboard and digital maintenance log

EcoFleet combines central fleet oversight with digital maintenance documentation. It gives dispatch and operations a clear view of each vessel's position, condition and relevant environmental data, while maintenance can be documented, planned and linked to operational data in a structured way.



EcoFleet's operations oversight and digital maintenance management

Your key benefits with EcoFleet

Manage daily operations
with a central overview of vessels, routes and utilisation.

Improve documentation
with central recording of maintenance, documents and relevant condition information.

Simpler planning
for periodic and running-time-based maintenance work.

Shiptec AG | CH-6002 Luzern | www.shiptec.ch

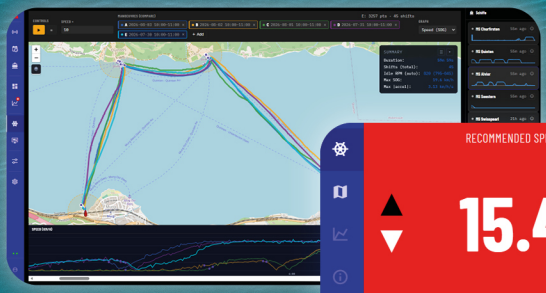
SHIPBUILDING
ENGINEERING
SERVICE

SHIPTEC
EcoPilot

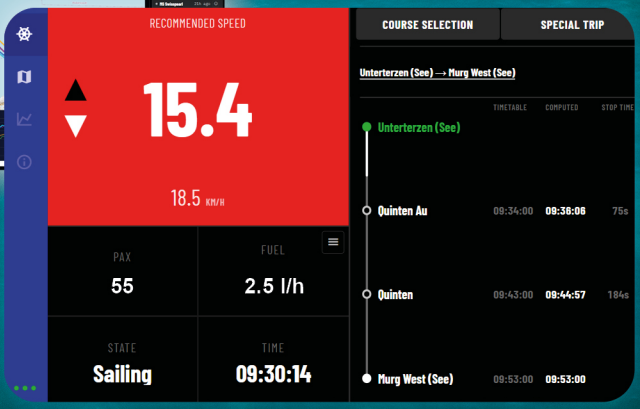
ASSISTED NAVIGATION

Assistance system for efficient scheduled services

EcoPilot analyses the current journey and supports the crew with specific speed recommendations. This allows the available travel time to be used optimally, avoids unnecessarily high power demand and reduces fuel or energy consumption. For training purposes, journeys and manoeuvres can be simulated in the training tool.



Training tool



EcoPilot on board assistance system

Your key benefits with EcoPilot

Lower consumption
through calculated ideal speed and increased awareness.

Punctual services
thanks to our advanced speed calculation algorithm.

Relieved crew
with more attention on the traffic situation.

Reference Projects

Schiffssbetrieb Walensee AG (CH)
Fleet of 6 vessels fully connected to secure strategic success.

Modules: EcoLog, EcoLive, EcoFleet and EcoPilot.

All Aspects of EcoShip are being used. The management uses the Reports to gain valuable insights and the fleet overview to follow the daily business from the office. The technicians are always able to see the state of each ship remotely and the crew on the ship is supported to operate the ship as efficient as possible.

Lake Lucerne Navigation Company (SGV) AG (CH)
Fleet of 19 vessels digitally supported for more transparent operations and reduced emissions.

Modules: EcoLog, EcoLive, EcoFleet and EcoPilot.

EcoLog provides a solid data foundation for later long term analyses, especially for steam vessels. EcoLive enables remote technical monitoring for complex hybrid and battery-electric propulsion systems. EcoFleet supports dispatch with real-time position and utilisation data. EcoPilot helps reduce emissions.

Let us assess the potential of your fleet together.

Website
Learn more about EcoShip online.

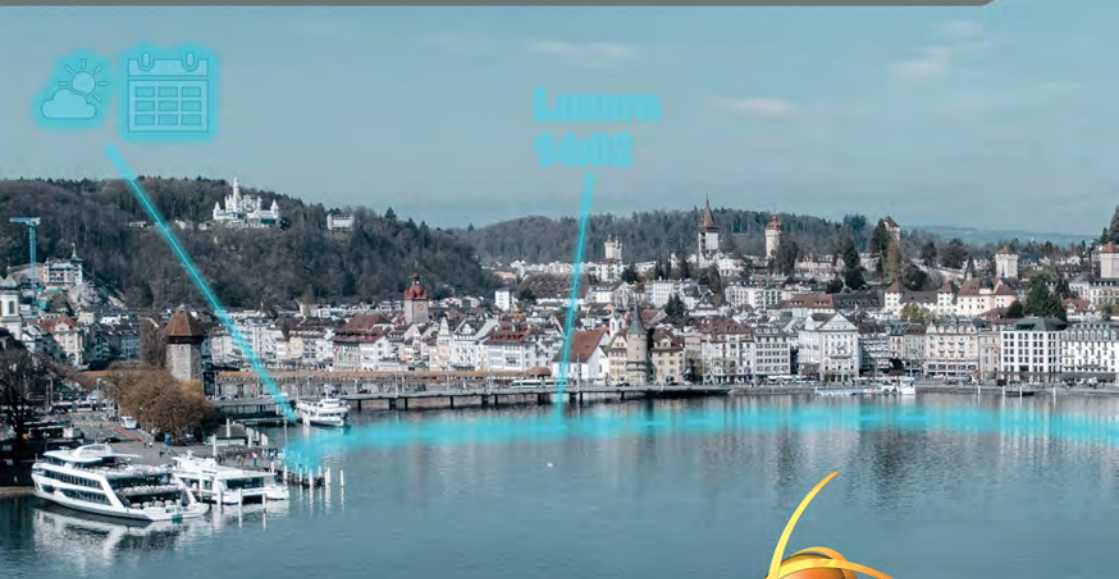
Personal consultation
Our expert team will be pleased to advise you personally.

Shiptec AG | CH-6002 Luzern | www.shiptec.ch

Data security and privacy

Protecting your data and ensuring privacy is our top priority. Our systems are designed to process your information securely, transparently and strictly for its intended purpose.

- **Data ownership:** All collected data belongs to you exclusively.
- **No personal identification:** Our systems do not allow conclusions to be drawn about individual persons.
- **Purpose limitation:** The data is used solely to create individual analyses and to power your tools and assistance systems.
- **Secure infrastructure:** Data is stored exclusively on secure servers in Switzerland.



Shiptec EcoShip:

Winner

SWISS logistics AWARD 2025

Shiptec AG
Werftestrasse 5 | Postfach | CH-6002 Luzern
Tel.+41 41 367 66 95 | info@shiptec.ch | www.shiptec.ch