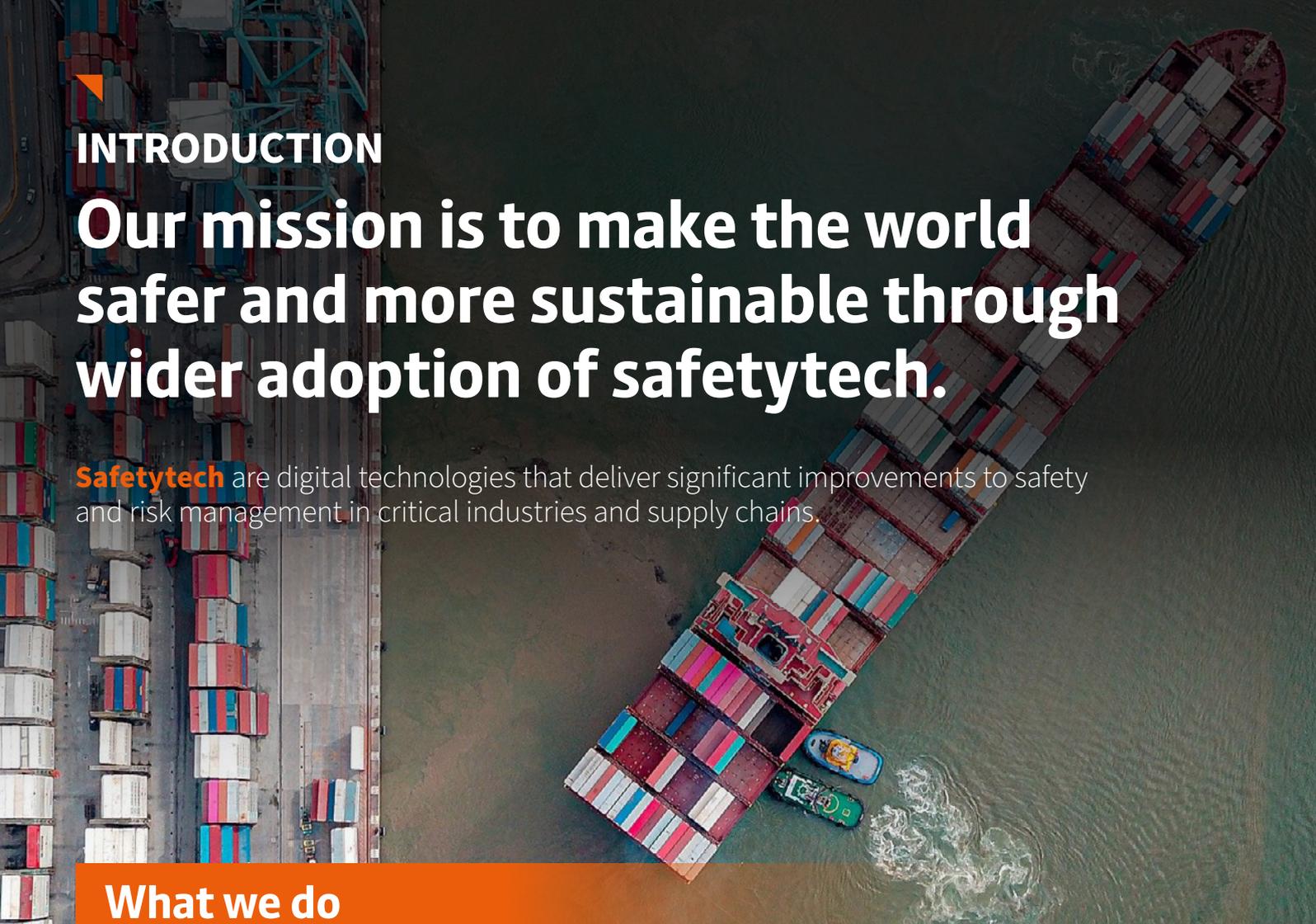


Transforming safety and risk management.

Safetytech Accelerator: Solving the most pressing industrial safety and risk challenges with leading-edge digital solutions.



INTRODUCTION

Our mission is to make the world safer and more sustainable through wider adoption of safetytech.

Safetytech are digital technologies that deliver significant improvements to safety and risk management in critical industries and supply chains.

What we do

We work with industrial corporates and startups to **solve the world's most complex safety and risk challenges** and **enable better safety and risk management**. We tap into our extensive technical and commercial networks to focus on **8 digital technology areas** and create ground-breaking solutions: Data analytics, Artificial Intelligence, Visual Analytics, Augmented and Virtual Reality, Sensors, Wearables, Drones and Robotics.



Opportunity Mapping

There are many opportunities for improving safety and risk processes. Learn how Safetytech can help.



Innovation

Drive a culture of innovation, transform safety and risk management, meet demanding ESG ambitions and connect with industry peers.



Safetytech pilots

Pilot solutions to safety and risk challenges by engaging with the world's most innovative startups.



Safetytech Innovation Fund

We want to support trials which will make a material difference to business, society and the environment.

Why work with us?



Risk-focused.

First and only accelerator focused 100% on safety and risk in critical infrastructure and supply chains.



Problem-led.

Focus on specific real-world client challenges.



Industry specific.

Designed with industry, by industry, for industry.



Not-for-profit.

Our mission is the widespread adoption of safetytech.



Deep expertise.

260 years of specialist expertise in industrial safety and risk.



This has been an exciting and valuable project for us as a shipowner. It is not often we have the chance to work with start-ups from the non-maritime industry and we have learnt a lot from working with startup MonoLets. The Safetytech Accelerator has allowed us to see the vast potential in sensor technology and connectivity for safety applications onboard.”

Capt. Filip Svensson

Marine Operations Management,
Wallenius Wilhelmsen



In our ongoing efforts to keep improving safety at sea, the Safetytech Accelerator played a pivotal role in supporting Scorpio in trying to help address the complex safety-related challenge of ‘Why incidents occur’. We hope that going forward, our study and the understanding gained leads to the development of a ‘voyage risk index and alert system’ for vessels at sea.”

Fletcher Martins

Director Quality Assurance & Safety, Scorpio Group

We have **5 priority areas** - key areas where we'd like to make a difference:



**safety
at sea**

Safetytech Accelerator announces collaboration to improve real-time detection of potential fires below deck.



**safety for a
sustainable
future**

Can Safetytech help us achieve Sustainable Development Goals?



**safety of
digital
systems**

How can we enable engineers working with safety critical equipment to use predictive analytics?



**safety of
physical
infrastructure**

Using health and safety data to help prevent future incidents in the construction sector.



**safety
of food**

Safetytech Accelerator and Kafoodle collaborate to make school mealtimes safer.



Safetytech across industries, globally.

We've collaborated with corporate challenge partners across a range of industries, including Energy, Marine, Infrastructure, Food and Supply Chains.

23

Challenge Partners

25

Innovation Challenges

600+

Startups engaged



Case study: Understanding decision-making on a ship through sensing.

Scorpio asked the Safetytech Accelerator if digital technology could help reduce accidents caused by human error by identifying unsafe situations before they occur and analysing the root causes.

The accelerator sought proposals for data capturing and analysing technologies which could drive understanding of decision making on a commercial ship to improve safety. The winner was SensingFeeling, a London-based startup that developed advanced human emotion sensing products, powered by computer vision and machine learning. During the proof-of-concept trial SensingFeeling deployed video technologies to interpret crew behaviour in Scorpio's training simulator in Manila and then tested it onboard a ship for six months. The solution correlated captured data against telemetrics such as position, speed, propulsion and data from auxiliary systems to identify relationships between crew behaviour and incidents, such as emotional responses during berthing and mooring.



Internal SensingFeeling camera wheelhouse setup during sea trial onboard STI Gallantry to detect cycles, stress spikes, and fatigue accumulation.

[Discover other case studies](#)



Established by



Find out more

Sign up for our programme updates here:
www.safetytechaccelerator.org

Reach out to us at:
info@safetytechaccelerator.com

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Follow us on LinkedIn:
[@Safetytech-Accelerator](https://www.linkedin.com/company/safetytech-accelerator)



Partner with us

The Safetytech Accelerator seeks leading industry partners to join our mission to make the world safer and more sustainable through wider adoption of Safetytech.

Get in touch

For more information about the programme, including previous and ongoing safety and risk challenges, please visit:

www.safetytechaccelerator.org/contact