



Health, Safety and Culture Strategy 2024 – 2028

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A PSS Paper endorsed by BPA and UKMPG

First published June 2024
2026 update: published March 2026



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PSS Health safety and culture strategy 2024 – 2028

Background

Port Skills and Safety (PSS) is the port industry's body for safety and skills and its members represent the overwhelming majority of port operations in and around the UK. Part of PSS's remit is to drive continual improvement in health and safety through collaboration across the industry.

PSS is an independent membership organised, owned equally by the British Ports Association (BPA) and United Kingdom Major Ports Group (UKMPG) and its health, safety and culture remit as defined in its Articles of Association is:

- To promote health safety, good workplace mental health and good working practices in ports and harbours situated in, or near to, the United Kingdom; this definition also includes but is not limited to the Channel Islands, Isle of Man, Republic of Ireland.
- To engage widely with academia and other relevant maritime, health and safety organisations in order stay at the forefront of safety, training and skills, innovation and development.

Where we are now

The port industry is viewed by the HSE as a mature industry, with PSS promoting a collaborative approach for improvements on safety. PSS is well respected within the industry, with a reputation for providing good guidance, particularly the Safety in Ports (SiP) guidance suite¹.

Collaboration, and the sharing of best practice and lessons learnt, are two of PSS's main objectives. This is facilitated via quarterly Port Safety Group meetings, the dissemination of lesson learned and near misses, and knowledge sharing via the Ask Members service and bulletins.

PSS collects incident and near miss data from participating member organisations and provides a data dashboard allowing those organisations to benchmark performance against each other.

Visits to members' locations provide the opportunity for the PSS Health, Safety and Culture Lead or contracted Health and Safety experts to provide an independent and first-hand advice and auditing of members health and safety procedures.

PSS recognises the importance of technology for data analyses to understand and recognise trends and risks; to develop new systems or work, and to develop equipment which reduces or eliminates risk. PSS promotes innovation through the annual Innovation in

¹ 2024 member HSC survey: SiPs used by 97% of respondents with 95% respondents finding the documentation easy to reference.

Port Safety conference as well as providing platforms for members operating in this area to promote and improve their products.

Where we want to be

PSS's vision is to drive the port sector to become one of the safest places to work, with opportunities for individual growth and collective success. PSS aims to cultivate a paradigm shift in port safety; leveraging the power of data-led insights, innovation, collaboration, and resource sharing.

PSS envisions a future where every aspect of port operations is guided by comprehensive data analysis, enabling proactive identification of potential risks and the implementation of targeted measures to safeguard personnel, vessels, and cargo. PSS believes it is possible to achieve zero incidences of fatal industry accidents among the membership, where SiPs guidance is adhered to.

Continuous improvement can be achieved through the adoption of cutting-edge technologies and methodologies that enhance safety performance. The SiP documents can provide a central focus for improvements and must be continuously reviewed to ensure they reflect current best practice and technological developments. Collaboration is central to sector performance and by pooling our expertise, resources, and best practices, we can collectively address safety challenges and achieve optimal outcomes for all involved. It is imperative to share resources and knowledge within the maritime industry to strengthen overall safety performance and PSS is committed to fostering a culture of collaboration among stakeholders, including members, government agencies and industry partners.

PSS will spearhead thought leadership on safety culture, drawing insights from other high performing sectors to propel the port industry to becoming one of the safest places to work.

How we will get there

The 2024 to 2028 strategic KPIs prioritise improving port safety guidance, expanding the number of members contributing port safety data and enhancing member value propositions. Through collaborative efforts, data-driven insights, and innovative solutions, PSS aims to continually improve services and uphold industry standards. This strategy focuses on resource optimisation, fostering collaboration, leveraging data, and promoting innovation to realise our vision.

The safety strategy identifies four priority areas:

- Resources
- Collaboration
- Data
- Innovation

These pillars reflect the distinct areas of the PSS safety remit and give specific outcomes which PSS performance can be measured by.

1 - Resources

Overview

PSS will continue to be seen as the primary source of authoritative health and safety information and advice on safety for the port sector.

The PSS strategic plan identifies two specific measures for improvements to safety resources:

- Bring all existing Safety in Port (SiP) documents up to best practice industry standards by 2028. At least four SiPs will be reviewed per year, with existing SiPs updated by 2028.
- Increase awareness of SiPs guidance by increasing website downloads of guidance by 35 per cent from 2023 levels by 2028.

Safety in Ports Guidance

The Safety in Ports (SiP) guidance suite is highly respected across the industry. The documentation has been developed in conjunction with the HSE, trade unions and industry stakeholders; and covers a wide range of topics including terminal management and the handling of specific cargos. The Safety in Ports guidance aims to outline industry best practice and [all documents are to be reviewed and updated by 2028](#) (strategic KPI). To support this, at least four SiPs are scheduled for review each year, to ensure that the guidance remains accurate and relevant.

Members have told us that SiPs are used predominantly by their Health and Safety teams, but they have indicated that, in the right format, the guidance would be used more widely by supervisors and port operational employees [2024 member HSC survey]. PSS believes that the guidance should be accessible to all sizes of member organisations and their employees, and will work to develop the guidance in alternative formats including 'bite-size' and multimedia versions.

As SiPs are reviewed and updated, they will continue to be developed with the input and support of the HSE and will carry the declaration 'produced in conjunction with HSE'. This statement of support (as opposed to the former approval process required to include the HSE logo) can be applied more readily to documentation where the HSE has been consulted on development, will minimise any delay in publishing documents, and supports the new direction of the HSE. Trade unions will continue to be involved in the development and approval stages of SiP development and invited to badge the guidance with their logo to demonstrate that the guidance supports their members' safety.

In order to retain the support of the HSE and unions, the basic format SiPs guidance will continue to be publicly available, but PSS members will be able to access enhanced versions via the website which include alternative formats, videos and best practice case studies.

Objective 1.1: PSS will bring all existing Safety in Port (SiP) documents up to best practice industry standards by 2028, with at least four SiPs reviewed per year. (schedule of reviews included in the timeline appendix).

2026 update: SiP009 Lighting was reviewed and published in 2025. Working groups also reviewed SiP001 Port and Terminal Planning and SiP010 Ro-Ro and Sto-Ro. These documents are currently awaiting finalisation and executive review, with publication expected in Q1 2026. A new SiP on Fishing Vessels was drafted in conjunction with fishing ports and is also due for publication in Q1 2026.

The following SiPs are scheduled for review in 2026: SiP006 Bulk Liquids, SiP012 Ro-Ro Passenger and Cruise Operation, SiP015 Confined Spaces, SiP020 Water Safety and Use of Buoyancy Equipment, and SiP021 Safe Access to Fishing Vessels and Small Craft.

New SiPs will be developed on diving operations, EV and fire, and fertiliser cargo handling.

Objective 1.2: PSS will work with members to produce media; videos, photos, and best practice case studies to enable the SiP documents to be used by all levels of operations personnel.

2026 update: PSS continues to capture images and videos for SiPs during member site visits. Where media is provided by members it is included in the member-only resources page for each SiP. PSS is reviewing the potential use of AI to support generation of resources and materials.

Objective 1.3: PSS will work with members, using incident dashboard data to identify areas where new SiPs are required and develop them accordingly.

2026 update: PSS worked with the UK Chamber of Shipping on the review SiP010 Ro-Ro and Sto-Ro freight, ensuring it incorporated the recommendations from the MAIB Clipper Pennant report (November 2024) and moves toward the provision of a consolidated industry code of practice for vehicle deck safety on roll-on/roll-off vessels.

New SiPs will be developed in 2026 for diving operations, EV and fire, and fertiliser cargo handling.

Objective 1.4: PSS will improve the availability and awareness of SiPs among all employees within member workplaces, supporting their use in everyday practice and encouraging engagement with the guidance.

2026 update: Work continues to raise awareness of SiPs among member employees through site visits and ongoing multimedia content development. The objective has been updated to remove the 35% increase in downloads. This reflects the difficulty in establishing a pre 2024 baseline for download and use. The PSS communication project plans to explore the way SiPs are used by members and website statistics will be used to assess progress.

Objective 1.5: PSS will increase awareness and use of SiP related resources by those on the quayside, using the members HSC survey to measure a year-on-year increase in engagement.

2026 update: PSS intends to raise the profile of SiPs with members through a thought leadership piece and the development of guidance on their practical use. A communications project will explore how SiPs are currently used and identify opportunities to improve engagement and adoption among quayside workers.

Objective 1.6: PSS will develop a self-assessment tool for members, to allow them to assess compliance with SiP guidance.

2026 update: Compliance checklists are now included in the member only resources for every revised or new SiP published. **Complete**

Safety alerts / bulletins service

PSS currently provides a service to distribute information via Safety Alerts and Bulletins. These continue to represent value and are used by members to communicate important safety messages throughout their organisations (97% of respondents in the 2024 members HSC survey confirmed the bulletins and alerts were useful).

PSS ensures that each alert or bulletin has 'added value' considerations for members. Members have told us that they share the alerts and bulletins across their organisations and use them as the basis of their own alerts and toolbox talks.

PSS aims to improve member engagement with the service by building trust and encouraging more ports to share alerts. Organisation anonymity is maintained when alerts are sensitive and the alert is always discussed with members before being circulated.

Objective 1.7: PSS will publish safety alerts within two days of receipt, excluding any time required to obtain clarification from the contributing member.

2026 update: 76% (13) of the 17 safety alerts issued in 2025 were published within three days of receipt. The objective has been revised to better reflect operational reality, recognising that publication times may be extended where clarification is required from the contributing member.

Objective 1.8: PSS will produce a quarterly summary of enforcement actions which are relevant to members.

2026 update: PSS publishes targeted insights as bulletins or alerts as soon as information becomes available. This approach ensures learnings can be applied immediately and information is not held for inclusion in a quarterly update. **Closed**

Objective 1.9: PSS will monitor numbers of alerts to encourage a 25 per cent increase in the number of members sharing their alerts and increase a 25 percent increase in the number of members accessing them, measured through website statistics and the annual HSC survey.

2026 update: After a slight drop in 2024, the number of alerts shared by members increased to 17 in 2025, an increase of 21%. Website monitoring indicates that alert headings are an important factor in driving engagement. There is currently no tracking of the impact of alerts on member practices, so a communications project in Q1 2026 will seek to understand how alerts are used and identify opportunities to improve engagement and effectiveness.

Culture surveys

The culture of organisations is vitally important to improve safety performance. PSS recognises that members are at different stages of cultural maturity, but that continual improvement is vital to maintain safety in the long term.

In 2022, a PhD research project developed a port specific safety climate tool, which can provide ports with a basic statistical report of members' safety culture. PSS member Comet (formally STC Insiso), has also developed a port culture assessment service which can be made available at a discounted rate to PSS members to provide the next step of safety culture analysis and intervention with detailed reviews and final reports.

Both these resources can provide PSS with anonymised data and reports to measure safety culture industry-wide and will inform strategic direction including campaigns and support offered to members.

Objective 1.10: PSS will develop and support a port specific safety climate survey and offer this an additional service to members.

2026 update: PSS has explored options for a sector-specific survey and is now working with The Stationery Office to finalise a proposal for members to access a port-specific instance of the HSE Safety Climate Tool (SCT). This will allow members to benefit from a well-established, expert-developed tool while providing PSS with anonymised data on sector-wide performance.

Revised project dates: Q1 – Q2 2026

Objective 1.11: PSS will gather anonymised data from the culture survey tools. Summaries of this data will be shared with PSG meetings and the information used to develop guidance and resources on organisational culture where appropriate.

Revised project dates: Q1 – Q2 2027

Objective 1.12: PSS will revise and update its leadership guidance to ensure it reflects the standards set by the Institute of Directors and other respected bodies.

Project dates: Q3 – Q4 2026

Audits

Most members will already have developed an existing programme of internal and external audits including, and in many cases, certification audits against ISO standards. However, PSS can offer a niche independent 'friendly critic' audit service, carried out by industry experts. These audits will allow members to check compliance by providing assessment against local procedures, industry best practice and international management standards, including a measure for training and competency against SiP requirements.

PSS audit procedures will ensure auditors work to a consistent standard, providing high quality reports and feedback. The range of audits, undertaken by a network of auditors with industry experience, will be designed to suit all member organisations with differing levels of need.

Objective 1.13: PSS will develop a tiered suite of compliance and system audits from site inspections to reviews of compliance with SiP guidance and ISO45001 standards.

2026 update: These services are advertised on the PSS website: [Port HSE audits - Port Skills & Safety](#)

Complete

Objective 1.13a: PSS will promote the audit service to members, expanding the number of members using the service.

2026 update: The number of member audits increased in 2025. To support this growth, PSS is onboarding eight new auditors, consultants with port H&S experience, based across the UK to provide broader geographical coverage and a range of sector expertise. This will strengthen the audit service and help more members engage with it.

Revised project dates: Q1 2026 – Q4 2026

Objective 1.14: Using COMET Assure, PSS will monitor audit outcomes and analysis to highlight areas for improvement across the sector to membership.

2026 update: COMET Assure functionality has been reviewed but does not currently meet PSS's needs. The platform will be reviewed again in the future following scheduled updates. In the meantime, audit findings will continue to be recorded in the existing format, while PSS explores other options to monitor audit outcomes and provide sector-wide insights.

Revised project dates: Q1– Q2 2027

Occupational health

There is increasing recognition of the importance of addressing long-term health risks alongside safety. Occupational health is a key focus for the Health and Safety Executive (HSE), reflecting the significant impact that work-related ill health has across UK industries. PSS will therefore strengthen its focus on occupational health, supporting members to better understand health risks within port operations and to develop effective approaches to prevention, monitoring, and support.

Objective 1.15: As part of the 2026 container safety campaign, PSS will include consideration of occupational health risks associated with container operations, helping to raise awareness of health issues alongside immediate safety risks.

Project dates: Q1 – Q4 2026

Objective 1.16: PSS will carry out a survey of member organisations to establish the current level of occupational health provision and support available within the sector, including access to occupational health services, health surveillance arrangements, and wellbeing support.

Project dates: Q3 2026

Objective 1.17: The results of the survey will be analysed to identify common challenges, good practice, and opportunities where PSS can support members through guidance, collaboration, and sector-led initiatives.

Project dates: Q4 2026 – Q1 2027

2 - Collaboration

Overview

Collaboration between PSS members and with wider industry stakeholders, is vital to drive continuous improvement across the sector. The PSS strategic KPIs include the requirement to facilitate full communications with and between members.

Ask Members Forum

Members have told us that they value the Ask Members service, however interaction with enquiries is low. PSS has combatted this by including a session at each PSG to review recent enquiries, and the development of an online interactive forum on the PSS website.

Objective 2.1: PSS will increase member engagement with the Ask Members service through regular mailings, discussion at the PSG and promotion of the website forum.

2026 update: Member engagement with the Ask Members service remained steady, with 31 enquiries in 2025. Discussion was generated through the PSG breakout sessions which are now an established part of the agenda. **Complete**

New objective 2.1a: PSS will ensure that all Ask Members enquiries receive at least one response. Breakout sessions in PSG meetings will continue and, where relevant, PSS will proactively seek input from members with particular expertise.

Port Safety Group (PSG)

The PSG continues to provide a valuable opportunity for members to meet and network. The meetings are held quarterly, with two held online and two in person, hosted by volunteer member ports. The voluntary roles of PSG chair and vice chair ensure the PSG serves the requirements of members and they support the development of meeting agendas. Each meeting provides opportunities for sharing best practice and member presentations.

Objective 2.2: PSS will seek to ensure that two meetings per year are held at member ports, covering a wide geographic area and range of port operations.

2026 update: PSS continues to hold two in-person meetings per year at member ports. In 2025, the meetings took place in Belfast in February and London in September. In 2026, RMS Ports will host in June. The host port for the September in person meeting is currently under discussion.

Objective 2.3: PSS will review methods of disseminating information from PSG meetings to all members, including non-attendees. This will include recording presentations and providing the opportunity to submit questions in advance.

2026 update: The objective is now complete. Experiments with hybrid meetings and recording in-person presentations highlighted practical challenges, including limited online interaction and variable recording quality. Going forward, recordings will focus on sessions of particular relevance or interest and those delivered via Teams, to ensure high-quality content is available for members. **Complete**

Working groups

Working groups are valuable to PSS, enabling the development of industry best practice, strategy and guidance documents. PSS appreciates the time given by professionals within member organisations and will ensure that working groups remain effective and timely.

Objective 2.4: PSS will establish working groups to review at least four SiPs each year.

2026 update: Working groups were established for all SiP reviews in 2025 and remain active as the documents are awaiting final review. The review of SiP010 Ro-Ro and Sto-Ro Freight was conducted jointly with the UK Chamber of Shipping.

Objective 2.5: PSS will establish a working group to develop guidance on handling lithium-ion batteries and managing electric vehicle safety. This group will support a campaign week and conference to discuss electric vehicle safety, especially related to fire risk.

2026 update: This objective is now complete. The campaign week and conference on electric vehicle safety were successfully delivered. **Complete**

New objective 2.5a: PSS will continue to lead the way in providing the port sector with crucial information on electric vehicle safety. This includes producing guidance, such as a SiP document, and developing port sector-specific training resources.

2026 update: PSS has re-convened the working group to focus on development of a new SiP and training resources.

Project dates: Q1 – Q4 2026

Objective 2.6: PSS will establish a Large Ports Working Group to provide the largest PSS members with a working group to discuss health and safety issues which are pertinent to larger operators. The group will consist of senior health and safety representatives from PSS ten largest port members and will meet quarterly.

2025 update: The Large Ports Working Group has been successfully established and meets quarterly. **Complete**

New objective 2.6a: PSS will ensure that regular Large Ports Working Group meetings are consistently held and support active engagement, knowledge sharing, and follow-up actions by attendees.

3 - Data

Overview

Data is vital; without it, PSS cannot effectively assess industry wide performance, identify trends or measure improvements. PSS intends to relate key operational decisions to the trends and information evident in the data collected.

Most organisations maintain electronic records of incidents alongside other organisational information on training, occupational health records and compliance data. Advancements in technology mean that it is increasingly easy to analyse large data sets, particularly by deploying artificial intelligence solutions and PSS is exploring how this can be used to better support members and highlight areas of focus.

PSS's path to achieving these goals involves streamlining data submission processes, promoting dashboard insights, and encouraging wider member participation.

Power BI Data dashboard

The Power BI (a Microsoft product) data dashboard managed by PSS is an established resource which allows contributing members to benchmark their performance against similar organisations. Currently 25 out of 42 full port member organisations submit data to the data dashboard, this equates to just under 60%. Relevant data will also be held by non-port members, including those who manage contractors in ports and these members largely do not current report their data to PSS. The metrics measured and the process for submitting data is discussed and agreed with stakeholders annually at the data workshop meeting. Although contributing members confirm that the data collection process is not onerous, the take-up on this valuable benchmarking opportunity remains low.

The dashboard will be managed by Comet from April 2024. Alongside continuing the current provision, the company will explore the provision of more valuable data insights and ways to obtain member data, which minimise the burden on members.

Members have told PSS that the annual data review is useful, therefore PSS will continue to produce the annual statistics report with insights into industry wide performance.

Objective 3.1: PSS will promote the data dashboard to increase participation to more than 75% of full port members.

2026 update: A new dashboard interface was launched with COMET, and work continues to improve its functionality based on member feedback. The annual data workshop was held online over two sessions in September and October 2025, providing members with insights and guidance on using the dashboard effectively.

New objective 3.1a: PSS will encourage smaller ports to provide high-level safety data on a quarterly or annual basis, contributing to sector-wide insight.

Objective 3.2: PSS will encourage non-port members who collect safety data to provide this to PSS to gain a better overview of the level of safety in ports.

2026 update: Progress on engaging non-port members to provide safety data was limited in 2025, as focus was prioritised on launching the new dashboard interface and supporting members' use of it. This remains a priority for future development to expand data collection and improve sector-wide insight.

Objective 3.3: PSS will work with Comet to develop more insights from the dashboard data and develop more efficient ways of obtaining data from contributing members.

2026 update: The new dashboard now collects root cause data, providing richer insights into incidents across the sector. More efficient methods for obtaining data from contributing members are still being explored and discussed with Comet.

Objective 3.4: PSS will continue to provide the annual industry statistics report.

2026 update: The Port Industry Incident Statistics 2024 were published in July 2025. PSS intends to publish the report for 2025 before the end of Q2 2026. Members who do not contribute monthly data to the dashboard were asked to provide high-level incident figures for 2025, helping PSS gain a broader insight into sector performance.

Artificial intelligence

Artificial intelligence (AI), and specifically computer learning and data analysis, is being discussed in many applications and in 2023 PSS commissioned a pilot project to explore how AI can be used to analyse incident data to better understand common root causes.

The project with Comet involved taking large "data dumps" from five member ports, using downloads directly from their individual EHS systems without the need to separately extract specific information (as is need for the current dashboard). Natural language processing was then used to teach the AI port-specific knowledge and terminology to be able to analyse all the reports and detect where common root causes occurred across the sector.

The trial has shown that AI can assign root causes to incidents and provide insight into trends in the data, which may go unnoticed by human analysis. However, in order to provide a deeper insight, the AI needs large amounts of high quality data. The project has highlighted that many incident reports provided had a low word count with minimal description, which reduces the effectiveness of the AI analysis.

There is far more that can be done with AI, and PSS intends to encourage members to link more of their records to their incident data, so that it can be included in the data analysis. This includes linking all investigation notes to the data and recording leading indicators such as near miss / close call reports, inspection reports and audit findings.

These indicators provide valuable insights in advance of incidents occurring, and yet many organisations do not fully investigate them due to time and resource restrictions. AI can process high volumes of incident data, and natural language processing means any type of written description can provide data insights. Therefore, any record of a near miss can be included to provide indications of root causes and trends. In turn, this allows health and safety teams to learn lessons much more effectively and address the root causes most likely to be the cause of incidents in the future.

Over the next five years, this technology will develop, and it is anticipated that as the advantages of these insights are demonstrated, more members will choose to become involved.

Objective 3.5: PSS and Comet will share the insights and analysis developed from the data pilot project and run a second round of the project, giving more members the opportunity to take part.

2026 update: The second phase of the data pilot has been completed with large port members. COMET has included incident data from airports in their analysis for comparison and has not yet completed all stakeholder interviews, so full analysis and feedback are not yet available.

Objective 3.6: PSS will promote the Comet investigative tools and similar products from other members, in support of the incident data collection project.

2026 update: The use of COMET Investigate is expanding with promotion from PSS. The options are advertised on the PSS website. PSS will continue to promote in 2026 to expand the number of members accessing the tools.

Revised project dates: Q3 2025 – Q4 2026

4 - Innovation

Overview

Innovation in the port sector offers a dual landscape of opportunities and challenges. Utilising artificial intelligence can find issues or patterns which the human eye may overlook; while technologies like remotely-operated machinery can remove the risk inherent in some port operations. Nevertheless, these advancements can also introduce new risks and workplaces will need to adapt to mitigate them. As the wider maritime sector moves to being more environmentally aware, the integration of autonomous vehicles and alternative fuels will necessitate the adoption of innovative safety strategies to safeguard both personnel and assets.

Innovation in Port Safety events

PSS wants to be at the forefront of digital innovation, providing information to members on the latest developments and welcoming tech companies into the port sector – both start-ups and those with products already on the market in other sectors which could be adapted to work in ports. As well as providing the opportunity to collaborate as part PSS membership, PSS will hold innovation days designed to bring members together to discuss innovative solutions to port safety.

Objective 4.1: PSS will recruit tech and innovation companies as members to support the development of port safety.

2026 update: PSS continues to engage with and recruit technology and innovation companies as members. The expertise of these members is helping to drive forward innovation within the sector and support ongoing improvements in port safety practices.

Objective 4.2: PSS will organise an annual innovation day aimed at sharing improvements in safety technologies. The event will showcase keynote speakers and encourage discussion among members addressing emerging ideas. Feedback will be actively sought after each event to ensure its ongoing relevance and value to all participants.

2026 update: The event has been expanded to merge skills and safety. This proved very successful at the Innovation in Ports conference in Belfast in March 2025. The 2026 Innovation in Ports conference will be hosted by Portsmouth International Port in March 2026

Objective 4.3: PSS will facilitate the sharing of knowledge and experiences between members adopting or considering the adoption of new technologies.

2026 update: This objective is now complete. PSS provides multiple opportunities for members to share knowledge and experiences, including the Innovation and Technology Working Group, regular PSS meetings, and the Innovation in Ports conference. **Complete**

Promote innovation opportunities

PSS is uniquely positioned to promote innovation opportunities through connections with strategic partners. PSS will leverage connections with government organisations to access funding streams for research and development, and implementation of innovation projects.

Objective 4.4: PSS will support innovation projects by accessing development grants to support member innovation projects.

2026 update: PSS is exploring opportunities to access a grant to support a data analyst, who would assist with analysing current member data and identify additional data sources to improve sector-wide insights.

New technologies network

PSS intends to facilitate the sharing of knowledge and experiences between members adopting or considering the adoption of new technologies.

Objective 4.5: PSS will create a 'new technologies' network within PSS membership, providing the opportunity for members to discuss new technologies; to ensure shared awareness of hazards and best practice.

2026 update: PSS has established an Innovation and Technology Working Group, covering both safety and skills aspects. The group meets quarterly online and will be further promoted at the Innovation in Ports conference and other PSS meetings.

Appendices

Appendix 1 – Timeline

Key	Project dates	\	Previous project dates	Completion date
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Objective	2024			2025				2026				2027				2028																							
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																				
1.1	SiP reviews.																			See Appendix 2 for SiP review timetable																			
1.2	Develop additional resources to support SiPs.																																						
1.3	Identify new SiPs.																																						
1.4	Improve availability of SiPs and increase downloads.																																						
1.5	Increase use of SiP related resources on quayside.																																						
1.6	Develop SiP compliance self assessment tool.																																						
1.7	Publish safety alerts within two days.																																						
1.8	Publish quarterly summary of enforcement actions.																																						
1.9	Encourage a 25 per cent increase in the number of members sharing their alerts.																																						
1.10	Develop the culture assessment service.																																						
1.11	Analyse anonymised data from the culture survey tools and share learnings with members.																																						

Objective		2024			2025				2026				2027				2028			
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1.12	Revise and update leadership guidance.																			
1.13	Develop PSS audit service.				Complete															
1.13a	Promote the audit service to members				\	\	\	\												
1.14	Use audit reports and findings to identify improvement areas.																			
1.15	Include occupational health risks within the 2026 container safety campaign.																			
1.16	Carry out a survey to understand current occupational health provision and support.																			
1.17	Identify common challenges, good practice, and opportunities for sector improvement.																			
2.1	Increase member engagement with the Ask Members service.																			
2.1a	Ensure all Ask Member enquiries receive responses																			
2.2	Hold two PSG meetings per year at member ports.																			
2.3	Review methods of disseminating information from PSG meetings.																			
2.4	Establish working groups to review at least four SiPs each year.																			
2.5	Establish a working group to develop guidance on lithium-ion batteries and electric vehicle safety.																			
2.5a	Develop guidance and training on electric vehicle safety for the port sector.																			
2.6	Establish a large ports working group				Complete															
2.6a	Hold regular Large Ports Working Group meetings to support collaboration.																			

Objective		2024			2025				2026				2027				2028			
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
3.1	Promote the data dashboard participation.																			
3.1a	Encourage smaller ports to provide high level safety data																			
3.2	Encourage non-port members to provide safety data.		\		\															
3.3	Develop the dashboard data.																			
3.4	Provide annual industry statistics.																			
3.5	Share the insights and analysis from the data pilot project – now in phase 2																			
3.6	Promote the use of investigative tools which support data analysis for the benefit of the port sector.																			
4.1	Recruit tech and innovation companies as members.																			
4.2	Hold annual innovation day.																			
4.3	Facilitate the sharing of knowledge of new technologies.																			
4.4	Support innovation projects by accessing development grants.																			
4.5	Create a 'new technologies' network.																			

Appendix 2 – SiP review and publication timetable

SiP review timetable		2024			2025				2026				2027				2028			
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
001	Workplace Transport																			
002	General Cargo																			
003	Container Handling																			
004	Timber Handling																			
005	Mooring Operations																			
006	Bulk Liquids																			
007	Loading and Unloading Dry Bulk																			
008	Dry Bulk Storage																			
009	Lighting Guidance																			
010	Ro-Ro / Sto-Ro																			
011	Sources of Occupational Health Information																			
012	Ro-Ro Passenger and Cruise Operations																			
013	Managing Non-Permanent Employees																			
014	Safe Access and Egress																			
015	Confined Spaces in Ports																			
016	Emergency Planning in Ports																			
017	Fitness for Work and Health Surveillance																			
018	Safety Induction and Training																			
019	New: Seafood																			
020	Water Safety and Use of Buoyancy Equip.																			
021	Safe Access to Fishing Vessels and Small Craft																			

SiP review timetable		2024			2025				2026				2027				2028			
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
022	Biomass Wood Pellet and Chip																			
023	New: Diving Operations																			
024	New: Electric Vehicles and Fire Hazards																			
025	New: Fertiliser Handling																			