G+ Global Offshore Wind
Health & Safety
Organisation

G+ Global Offshore Wind Health and Safety Organisation

Driving world class health and safety performance through collaboration on incident reporting, good practice, improving design safety and sharing lessons from incidents

in partnership with

energy institute

Please scan QR code to visit https://www.gplusoffshorewind.com/

Introducing the G+

G+ is the global health and safety organisation for the global offshore wind industry. We bring together business leaders, health and safety experts and organisations operating in offshore wind. Our members are committed to promoting and maintaining the highest possible standards of health and safety in the sector.

The members of the G+ are, lead operators, owners of offshore wind farms and wind turbine generator OEMs. Senior executives of the member companies meet quarterly through the G+ Board. The work programme is delivered by the Focal Groups, which operate under the strategic direction of the Board. The Focal Groups consist of health and safety experts from G+ member companies. There are Focal Groups for Europe, the APAC region and the US.

Members

Associates

Industry collaboration

The G+ is committed to fostering collaboration across the wider industry and is a founding member of the wind Industry Collaboration Committee (ICC). We are continually working with the industry to establish clear lines of responsibility and to promote effective and efficient cooperation. This is done by ensuring that work is undertaken by the most suitable organisation, under a collaborative framework supporting the established method of work in the wind industry.

G+ Work Programme

The overall aim of the G+ is to work together to tackle health and safety issues in the offshore wind industry. The G+ does this through six main work programmes; incident data reporting, good practice guidelines, safe by design, learning from incidents, wind turbine safety rules and life saving rules.

Health and safety statistics

The backbone of our work is the incident data collected from our members. All G+ members provide their health and safety incident data for all their offshore wind farm sites across the world, from development to decommissioning stage. We analyse the data to monitor performance and trends and identify risks.

Since 2013, the G+ has published an annual incident report. Areas of higher risk, identified in the incident data, form the evidence base for the G+ work programme.

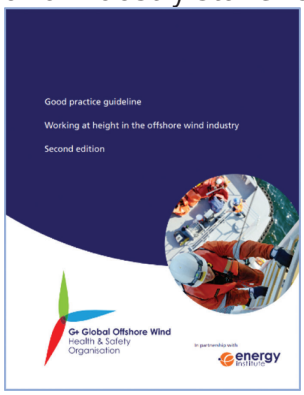
All G+ incident data reports are available on www.gplusoffshorewind.com

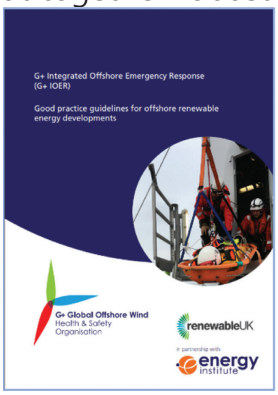
Health and safety statistics

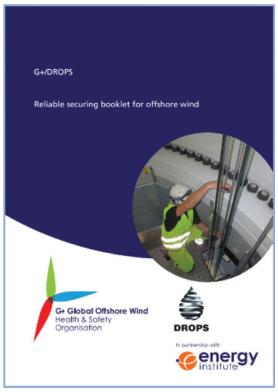
In addition to the G+ incident reports, the incident data can be interactively navigated on the G+ website via our PowerBI dashboard. It allows you to interrogate the data and explore where incidents occurred, the main work processes where incidents occurred, as well as the consequences of the incidents.

Good practice guidelines

The G+ is uniquely placed to draw on expertise across the global offshore wind sector. Driven by the incident data, we take a focussed approach to delivering the right guidance for the industry. We produce good practice guidelines on areas identified as high risk. By drawing knowledge and expertise from G+ members, subject matter experts, academia, regulators, and industry stakeholders we are able to put together robust guidance for the industry.







All good practice guidelines are freely available on www.gplusoffshorewind.com

Safe by Design workshops

The safe by design programme brings experts together for the purpose of getting the best practice in health and safety into design. Specific topics, which are identified as high risk by incident data, input from members and wider industry consultation, are investigated with the objective of making improvements at the design stage that will help to reduce incidents throughout the lifecycle of an offshore wind farm.

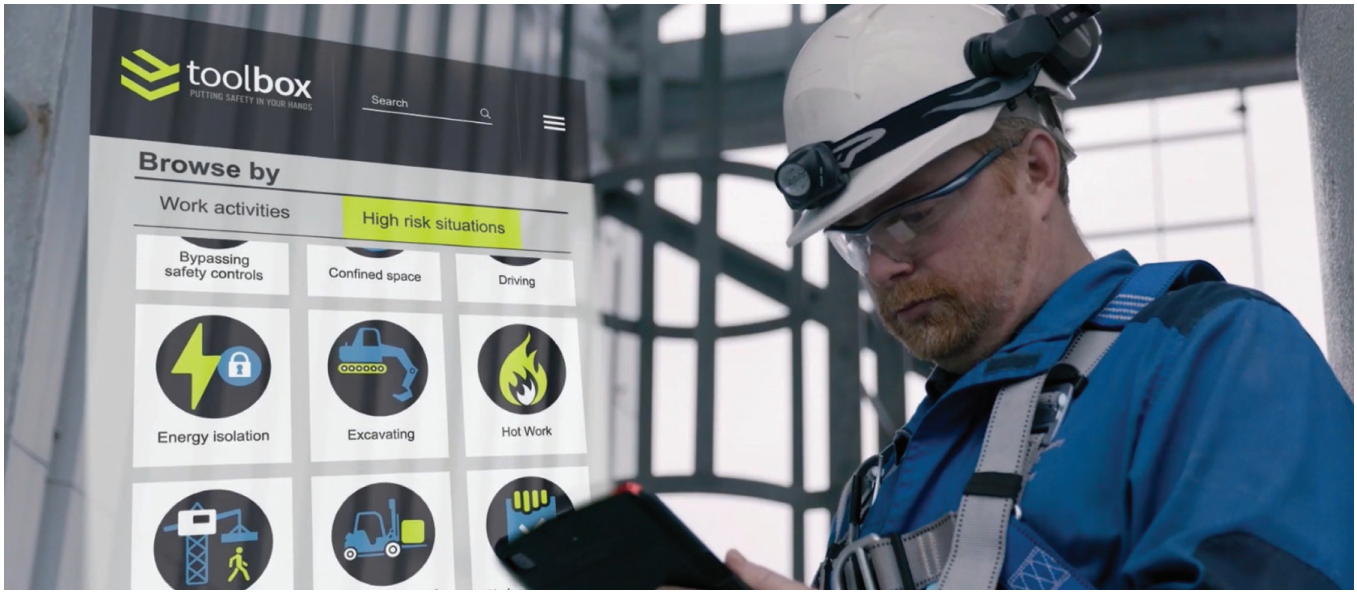
Safe by design workshops review the current design controls and potential failures, identify opportunities for improvement and demonstrate the potential for risk reduction. The outputs from workshops are published in a report and made freely available for the industry.

Is there a specific topic you would like to suggest for a Safe by Design workshop? Get in touch on gplus@energyinst.org

All G+ Safe by Design reports are available on www.gplusoffshorewind.com

Learning from incidents

The G+ is utilising Toolbox to share learnings from real life incidents, hazards and safety critical tasks with the wider offshore wind industry. Toolbox is a free to use web app which holds incident lessons and safety information. It was developed by the Energy Institute through its members, and the G+ is now populating the application with offshore wind learnings.



Toolbox can be accessed at www.toolbox.energyinst.org

Wind Turbine Safety Rules

The Wind Turbine Safety Rules (WTSRs) are a model set of Safety Rules and procedures to help formalise a Safe System of Work (SSoW) to manage the significant risks associated with a wind turbine, both onshore and offshore. They have been developed by wind farm owners and operators for the purpose of achieving both general safety and safety from the system – a process that safeguards persons from the mechanical plant and LV apparatus and the associated system derived hazards. The general direction of the Rules will be set by SafetyOn together with members of the G+ Global Offshore Wind Health and Safety Organisation.

The WTSR can be accessed at www.energyinst.org/technical/wind-turbine-safety-rules

Lifesaving rules

Lifesaving rules (LSR) have been used across several industrial sectors for some time with proven success at reducing fatal and serious incidents. The G+ Members and Associates developed a set of LSR for the offshore wind industry to further a common safety approach and culture at a time of rapid growth and international expansion for the industry.

With a dedicated LSR set, derived from the G+ incident data, the G+ hopes to:

- Provide clear and simple statements, easy to understand and follow, and attuned to the risk profile of offshore wind activities.
- Support suppliers and workers new to the industry.
- Provide a set of LSR that is easy to align with and map into contractual requirements, representing a common denominator.
- Further the safety culture of the industry.

The LSR are available on www.gplusoffshorewind.com/whats-new/lifesaving-rules-published)

Working in partnership with the EI

In partnership with

The Energy Institute (EI) offers secretarial support to the G+. It is a not-for-profit registered charity, which exists to **promote and advance knowledge, skills and good practice in energy for society's benefit**.

EI Technical Company Membership

Industry leadership

- Benefit from the EI technical programme outside of the G+ offshore wind programme, in the areas of human and organisational factors, process safety, health and environment.
- Opportunity to sponsor high profile industry events, such as the EI Awards, IP Dinner or numerous conferences throughout the year.
- Enhance your reputation in industry and raise your profile.

Access to specific technical committees

- Valuable means of networking and sharing knowledge informally with peers.

Access to knowledge and industry information

- A global licence to access EI publications within the areas of offshore wind, human and organisational factors, process safety, health and environment. EI good practice guidance is used internationally – in 2024 there were over 22,000 downloads of EI guidance across all global regions where the industry is active.
- Easily transfer to the EI Knowledge Service to access 90,000+ wider industry resources, including news, abstracts, data sheets, contacts, events, periodicals, and more. All digital content available through the Energy Matrix and EI Collections is available to download.
- Access to monthly Energy World magazine free of charge.

Professional development of staff

- Support for individual staff on application for professional recognition as Chartered engineers, energy managers, scientists or environmentalists is available from the EI.
- Access to technical workshops, conferences and training as speakers and delegates significant discounts on listed prices.

G+ Membership

Full membership

Full membership of the G+ is open to offshore wind asset owners who are the lead operator, operators with projects at an advanced stage of development and Original Equipment Manufacturers (OEMs) of offshore wind turbine generators.

Associate membership

Associate membership is open to:

1. Offshore wind farm developers with a site licence and planning consent for a wind farm project (over 30 MW).
2. 'Non-lead' offshore wind farm owners.
3. Transmission network operators.
4. Original equipment manufacters of offshore wind turbine generators.

For further information on membership visit www.gplusoffshorewind.com

Get in touch!

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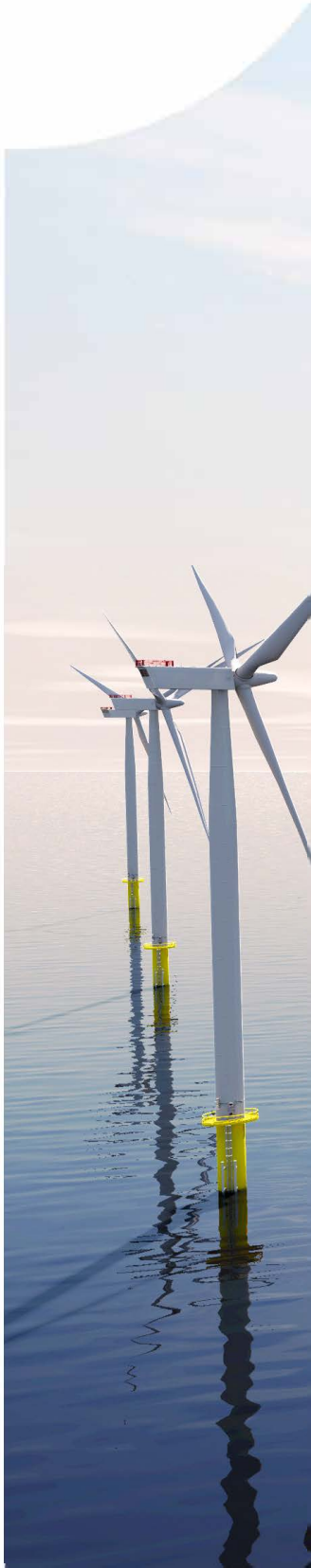
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