G+ Global Offshore Wind
Health & Safety
Organisation

G+ Overview

Delivering world-class health and safety performance in the offshore wind industry



energy institute

Why Health and Safety?

Offshore companies fined after grandfather injured on North Sea gangway

14th December 2023

Share

Two offshore companies have been fined a combined tot
£1.2m after an offshore worker's feet were crushed while w
gangway over the North Sea.

INDUSTRY NEWS

'Wind of Hope' crashes into offshore wind turbine

2 years ago

Wind farm operator Ørsted has set up an exclusion zone around an offshore wind turbine that
ervice Operation Vessel (SOV) last week

Wind

Daring rescue of Enercon worker with arm stuck in wind turbine

Firefighters and doctor were sent to top of Enercon machine to help save technician, with one saying that 'every movement could have been fatal'



RECHARGE

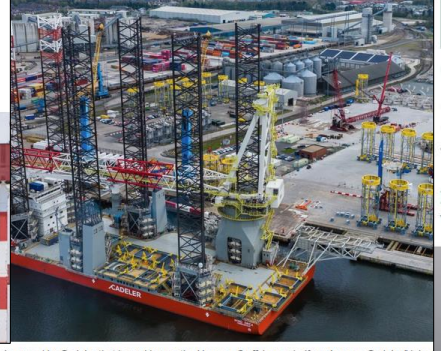
Subscribe Login

Suspected CO2 leak at Northland-led Taiwan offshore wind development 'leaves 14 workers hospitalised'

One week after Hai Long consortium was celebrating the conclusion of a new nacelle plant in Taiwan, a serious safety incident has occurred



Events Business Sectors



Wind Orca is one of two vessels owned by Cadeler that is working on the Hornsea 3 offshore windfarm (source: Cadeler/Linked

UPDATED: Cadeler's Wind Orca involved in serious incident at Port of Tyne

20 Jul 2026 by David Foxwell

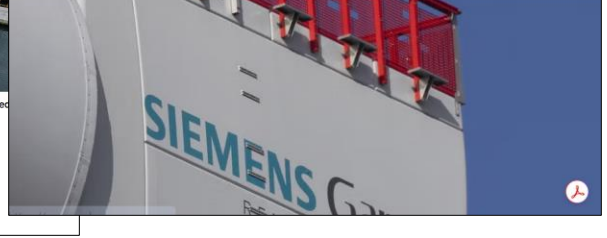
RECHARGE

Build your group subscription

Accidents and Casualties

Fire broke out in Siemens Gamesa turbine at Orsted offshore wind farm

Incident occurred earlier this month at Orsted's Greater Changhua 4 offshore wind farm in Taiwan





The G+ at a glance

Proven track record: Over a decade long contribution in the Offshore Wind Industry

Partnership: G+ is in partnership with the Energy Institute

Leverages data across 6 key areas: Incident Data Reporting, Good Practice Guidance, Safe by Design Workshops, Learning from Incidents, Life Saving Rules and Wind Operation Rules

35+ members and associates

The only global OSW member organisation Independent and not for profit

Who are the members of G+?

In partnership with energy institute

Our member relationships are central to what we do. Collaboration within our community and shared data contributes to more frontline offshore wind workers getting home safely.

Members

Ørsted
equinor
RWE
IBERDROLA
TotalEnergies
Vestas
JERA NEX BP
EDF renewables
SIEMENS Gamesa RENEWABLE ENERGY
OW OCEAN WINDS
VATTENFALL
sse Renewables

Associate Members

DRAGADOS
EnBW
ENBRIDGE
Van Oord Marine ingenuity
Dominion Energy Actions Speak Louder
BUCHAN OFFSHORE WIND
VENA ENERGY
FLOTATION ENERGY
skyborn
MASDAR
COP COPENHAGEN OFFSHORE PARTNERS
EQUIS
TRANSMISSION INVESTMENT
ESB Energy for generations
PGE Baltica
nadara
Schroders capital
Qair
MINGYANG
oeg
Eneco
REVENTUS POWER



Governance and structure

G+ Board

- Primary review and decision making
- Demonstrate visible leadership
- To reach key decisions and agreements
- Decide on strategic direction

Energy Institute

- Provides the Secretariat

G+ Focal Groups

- Actions to improve H&S performance
- Share information and data
- Develop learning's from incidents
- Run work programme to develop industry guidance on safety
- Support the Board to demonstrate leadership

Board of Directors

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Giles Mackey


Pavlo Malyshenko


Beate Myking


Pierre-Emmanuel Guillot

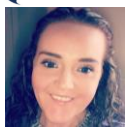

Markus Wiemann

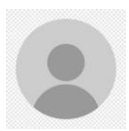

Lisbeth Frost


Richard Pargeter

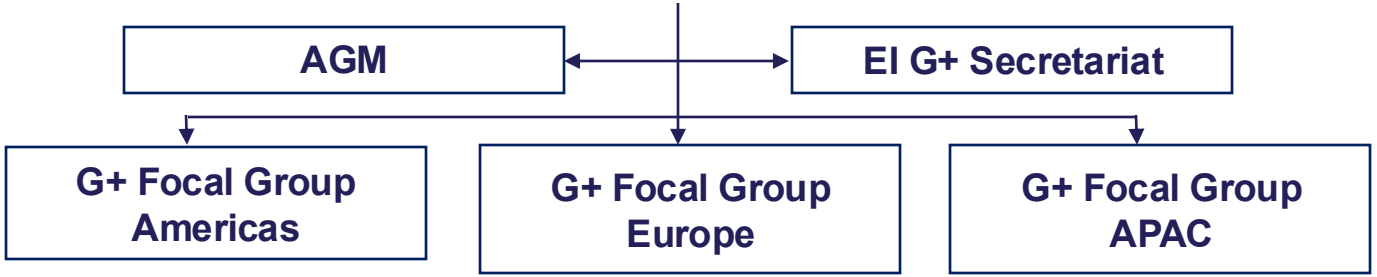

Natalia Planillo


Nicolas Wawresky


Michelle Ruane


TBC

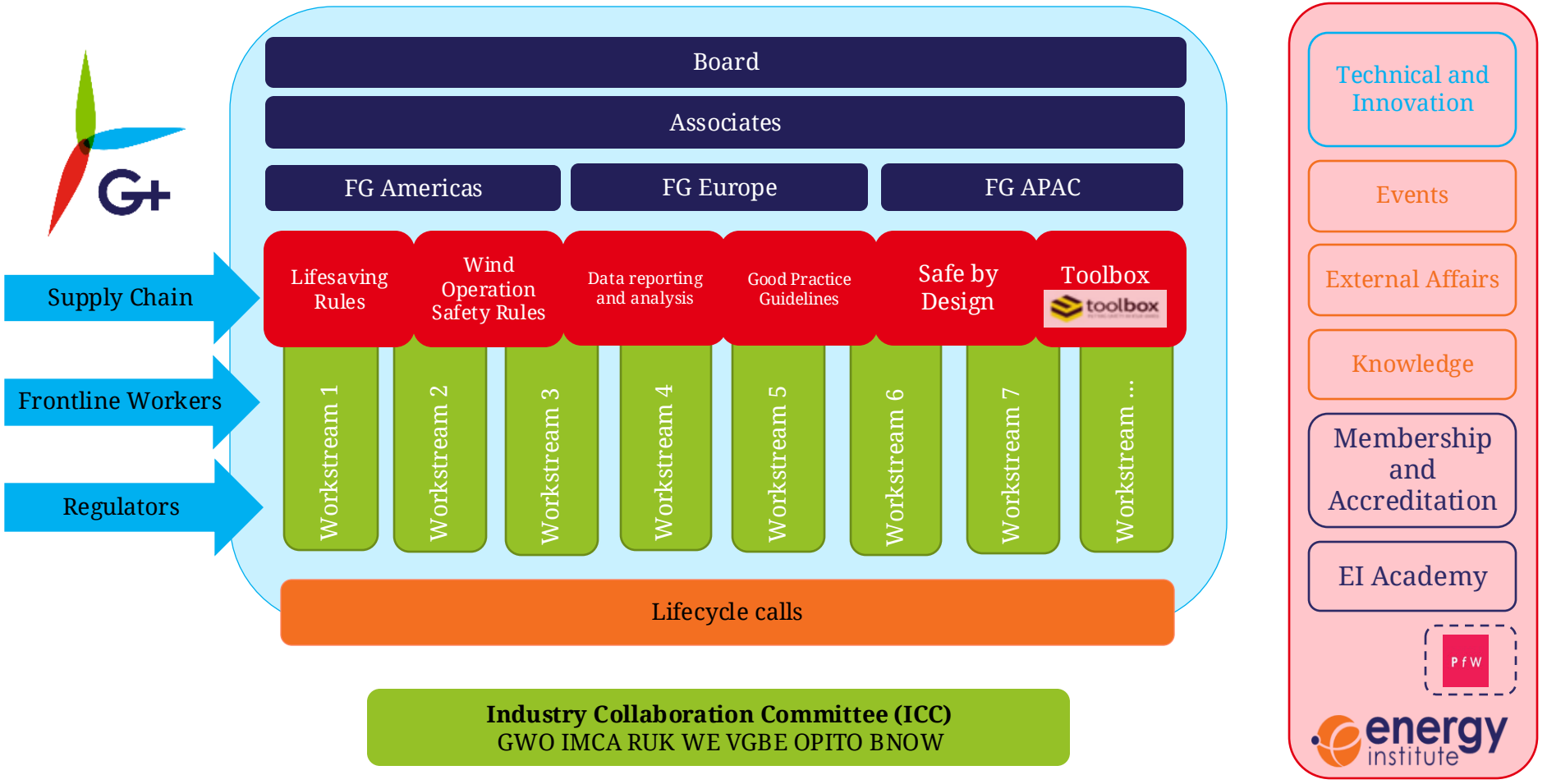

Martin Kjær Mogensen



G+ Secretariat

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Board
Associates
FG Americas
FG Europe
FG APAC
Lifesaving Rules
Wind Operation Safety Rules
Data reporting and analysis
Good Practice Guidelines
Safe by Design
Toolbox
toolbox
Supply Chain
Frontline Workers
Regulators
Workstream 1
Workstream 2
Workstream 3
Workstream 4
Workstream 5
Workstream 6
Workstream 7
Workstream ...
Lifecycle calls
Technical and Innovation
Events
External Affairs
Knowledge
Membership and Accreditation
EI Academy
PfW
energy institute
Industry Collaboration Committee (ICC)
GWO IMCA RUK WE VGBE OPITO BNOW
Wider Stakeholders



Unlocking the power of data across six pillars

G+ member data is analysed and shared through six main programmes to give a holistic view of health and safety performance, measure performance and identify opportunities for improvement.

Unlocking the power of data

In partnership with energy institute



Pillar 1: Incident data reports

- Understanding of offshore wind risk profile
- Evidence base to inform interventions
- Accurate assessment of industry H&S performance
- Tool for comparison of H&S performance against other comparable industries

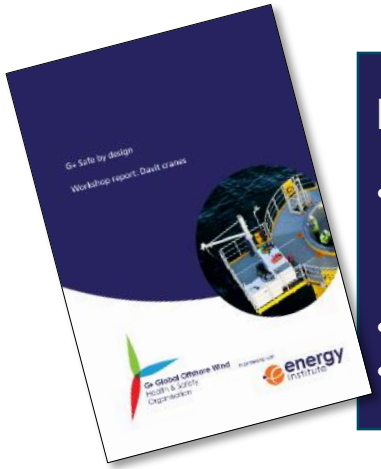
Pillar 2: Good practice guidelines (GPG)

- Recommendations for procedures, controls, ways of working at offshore wind farms
- Minimum standard expected for meeting industry H&S expectations
- G+ members self check compliance against GPG content
- Referenced in site and company corporate documents



Unlocking the power of data

In partnership with energy institute



Pillar 3: Safe by Design programme

- Examine the current design controls relating to a chosen topic, discuss where current design has potentially failed, and identify opportunities for improvement
- Outputs published and used as reference by the industry
- Act as a catalyst for further discussion and research

Pillar 4: Sharing Incident Learnings

- Severe incident learnings to be shared through Toolbox
- Toolbox is an EI web-based app
- Is accessible to all, any place, any time

https://toolbox.energyinst.org/



Unlocking the power of data

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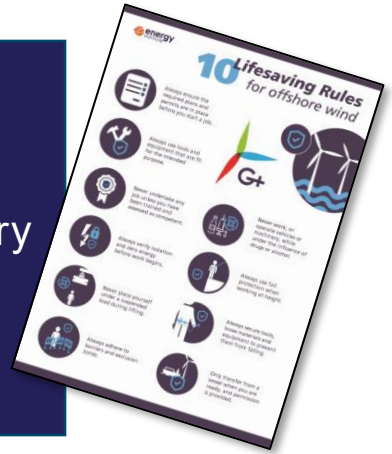


Pillar 5: Wind Operation Safety Rules (WOSR)

- The Wind Turbine Safety Rules (WTSR) and the Wind Turbine System Safety Rules (WTSSR) are a comprehensive framework for establishing a Safe System of Work (SSoW)
- Developed for offshore and onshore, in collaboration with SafetyOn
- Safeguards persons from the mechanical plant and associated system derived hazards

Pillar 6: Lifesaving Rules (LSR)

- Clear and simple statements to follow, most relevant for offshore wind, supporting those new to the industry
- Easy to align with contractual requirements
- Includes full implementation starter pack – slides, posters guide, question set and translations



G+ incident data dashboard



Data can be filtered and grouped to show patterns over time

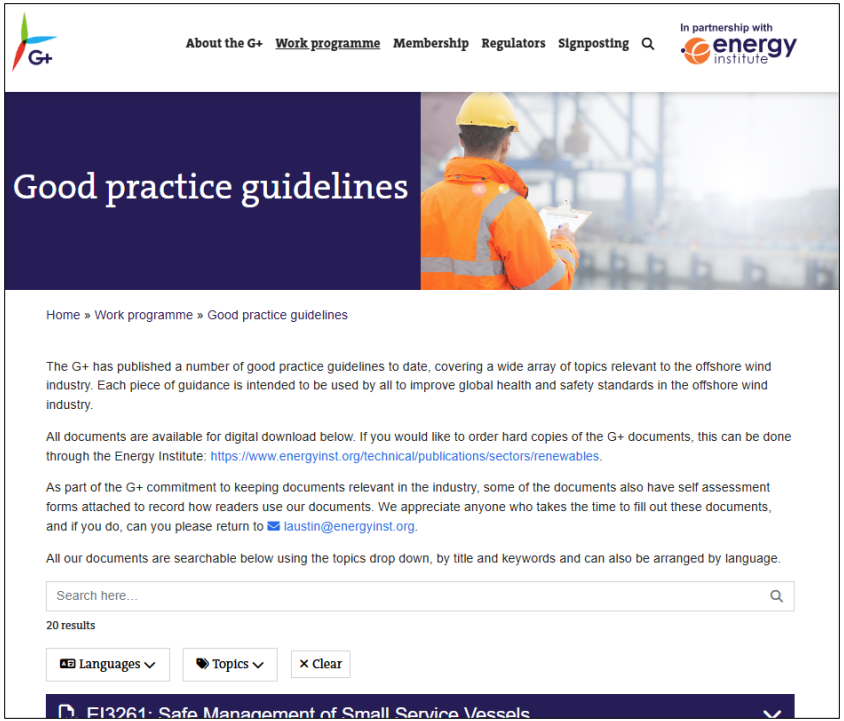
Presents all G+ incidents between 2014 to 2025

The new and improved G+ Power BI dashboard is live: *https://www.gplusoffshorewind.com/work-programme/workstreams/statistics*



Good Practice Guidelines (GPG)

Discover the full range of available guidance in the G+ GPG Directory, including guidance on safely working at height, helicopter operations and hazard identification.





Safe by Design Programme

Access all the Safe by Design workshop reports here!

- Marine transfer and access
- Davit cranes
- WTG access to the transition piece (below airtight deck)
- Floating Offshore Wind - Transfers, access and egress, and materials handling
- Safe-by-Design Framework V1
- Escape from a turbine Nacelle in the event of a fire
- WTG access and egress
- Hydraulic torqueing and tensioning systems
- Material handling equipment
- WTG service lifts
- WTG service lifts - follow-up
- G+ Safe by Design workshop: Blades
- G+ Safe By Design Good Practice Guidance



WOSR, campaigns & wider research

Wind Operation Safety Rules: WTSR & WTSSR

Workshops report: Electrical safe system of work

Ladder climbing research

Manual Handling campaign

Human-Free Offshore Lifting Solutions

Examining the impact of floating wind turbines on the human operator: A scoping review

Welfare in offshore wind study: existing practices and future opportunities

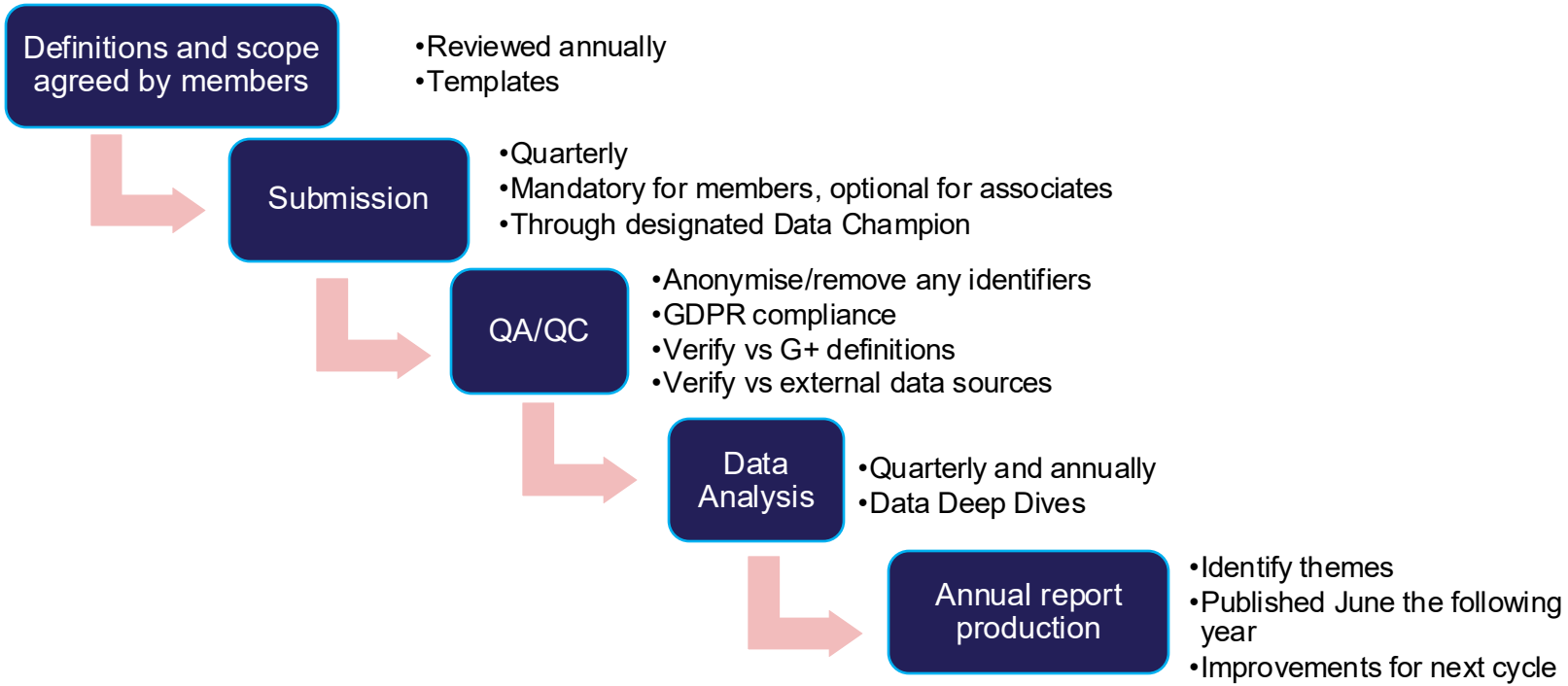
Marine coordination case study

https://www.gplusoffshorewind.com/work-programme/workstreams/campaigns

Annual cycle for incident data reporting

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Edwin Sheppard is your key contact in secretariat esheppard@energyinst.org



G+ Lifesaving Rules

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Working Responsibly



Always ensure the required plans and permits are in place before you start a job



Always use tools and equipment that are fit for the intended purpose



Never undertake any job unless you have been trained and assessed as competent



Never work, or operate vehicles or machinery, while under the influence of drugs or alcohol

Working with Electricity



Always verify isolation and zero energy before work begins

Working at Height



Always use fall protection when working at height

Out of harms way



Always secure tools, loose materials and equipment to prevent them from falling



Never place yourself under a suspended load during lifting



Always adhere to barriers and exclusion zones

Transfer Operations

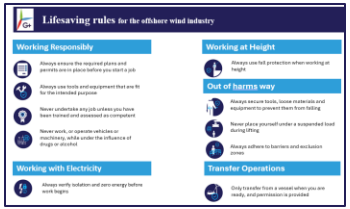


Only transfer from a vessel when you are ready, and permission is provided

Not just a set of rules

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Set of Lifesaving Rules

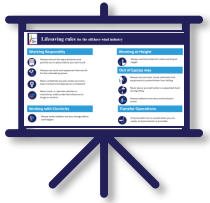


Implementation guidance



Start safe,
stop if unsure

Launch materials





Tools for front-line

Ask yourself, your team, your supervisor



Translations

Chinese, German, Spanish, Japanese and Korean

Monitor and improve

Now in our data collection

Implementation monitoring

EI Membership

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A not-for-profit registered charity, the EI promotes and advances knowledge, skills and good practice in energy for society's benefit

EI Publishing website hosts technical guidance documents, research papers and standards to support the energy industry

G+ Members can access these technical committees

- Ageing and life extension
- Carbon capture and storage
- Corrosion management/asset integrity
- Environmental protection
- Health, human and organisational performance

- Fuel distribution
- Learning from incident
- Hydrocarbon management
- Hydrogen
- Offshore wind
- Onshore wind
- Process safety
- Test methods standardization

If you work for a company which holds corporate membership with the EI, you will be eligible for complimentary individual membership as an **Associate Member (AMEI)**

Why join?

- Unlock your Associate Member benefits
- Use of AMEI post nominals
- Access to *EI Connect* mentoring platform
- Free and discounted training via *EI Academy*
- *Energy Futures* newsletter and other member updates
- Weekly digital magazine, *New Energy World*
- Free, confidential advice via *EI Assist*
- Support to help you progress to professional membership and chartered status





How to sign up

1) Check if your company is a member of the EI here
2) If yes, register for your own online account here and make sure you use your **company email address**
3) After email verification, follow the steps to join as an **Associate Member** (AMEI) here
4) You're in! Spread the word to your colleagues and make the most of your membership

Need a bit of help? Contact us at companies@energyinst.org

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