

Occupational Health and Hygiene matters in the Energy Industry



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Working in the Energy Industry

- Extreme climates
- Difficult environments
- Isolated/remote areas



Working in the Energy Industry



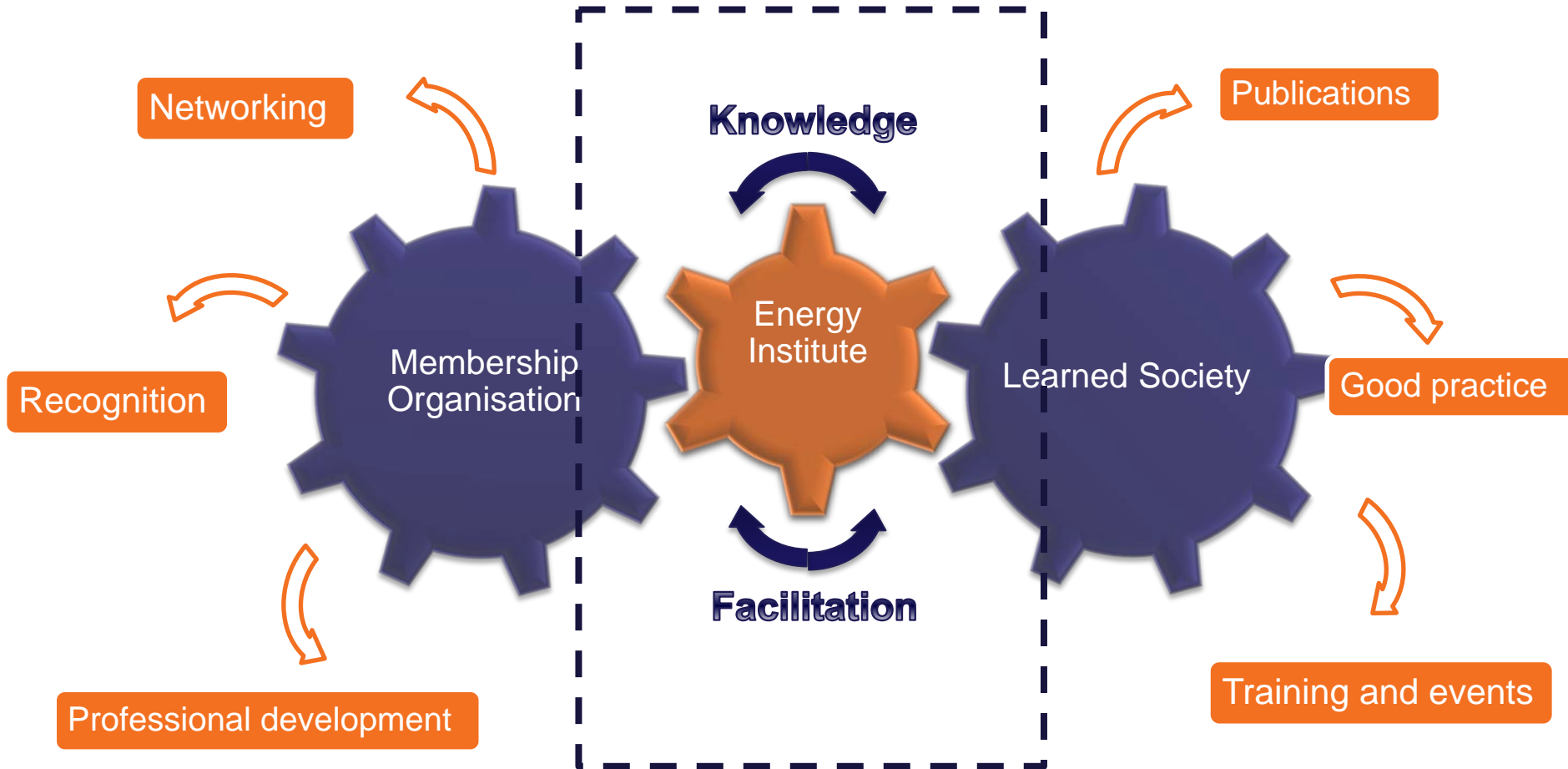
- Difficult working positions
- Various health risks from diseases to the presence of potentially hazardous chemicals



What is the Energy Institute?

- Formerly known as Institute of Petroleum
- Learned society promoting sound science since 1913
- Registered charity/ not for profit organisation
- Series of technical committees
 - Developing
 - Standards
 - Good practice
 - Test methods ...
 - Research and sound science





- We currently have over 23,000 individual members working in or studying energy and 250 companies worldwide; over 2,000 people join us each year
- EI is multi-disciplinary so qualifications and background are no barrier to professional or chartered professional membership
- Chartered options for engineers; scientists; sustainable development professionals; energy managers. Licenced by:



Fellow FEI

Chartered Energy Engineer

Chartered Engineer CENG

Chartered Scientist CSCI

Chartered Environmentalist CENV

Member MEI

Chartered Petroleum Engineer
Chartered Energy Manager

Incorporated Engineer IENG

Technician Member TEI

EI: Sharing energy knowledge



The Energy Matrix is the EI's online vault for energy information containing more than 90,000 records. Click on any category to see the material we hold on this topic. Published resources are available from our physical library.

[Energy Matrix Guide](#)

	Skills	Regulation and Accountability	Sources and technologies	Energy efficiency	Policy and economics
Primary Energy production		Oil and Gas	Oil and Gas		Oil and Gas
		Coal	Coal		Coal
		Nuclear fuel	Nuclear fuel		Nuclear fuel
Transformation	Electricity +	Electricity +	Electricity +	Electricity +	Electricity +
	Combined Heat and Power	Combined Heat and Power	Combined Heat and Power	Combined Heat and Power	Combined Heat and Power
	Heat +	Heat +	Heat +	Heat +	Heat +
	Oil refineries	Oil refineries		Oil refineries	Oil refineries
	Petrochemicals	Petrochemicals		Petrochemicals	Petrochemicals
	Gas to Liquids (GTL)	Gas to Liquids (GTL)		Gas to Liquids (GTL)	Gas to Liquids (GTL)
Transfer	Transmission +	Transmission +	Transmission +	Transmission +	Transmission +
	Distribution +	Distribution +	Distribution +	Distribution +	Distribution +
	Distribution of Fuels +	Distribution of Fuels +	Distribution of Fuels +	Distribution of Fuels +	Distribution of Fuels +
Energy demand and consumption		Industry and manufacturing +	Industry and manufacturing +	Industry and manufacturing +	Industry and manufacturing +
		Domestic	Domestic	Domestic	Domestic
		Commercial	Commercial	Commercial	Commercial
	Transport	Transport	Transport	Transport	
	People and behaviour	People and behaviour	People and behaviour	People and behaviour	
Energy storage	Electricity	Electricity	Electricity	Electricity	

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Forgotten your password?

Email address

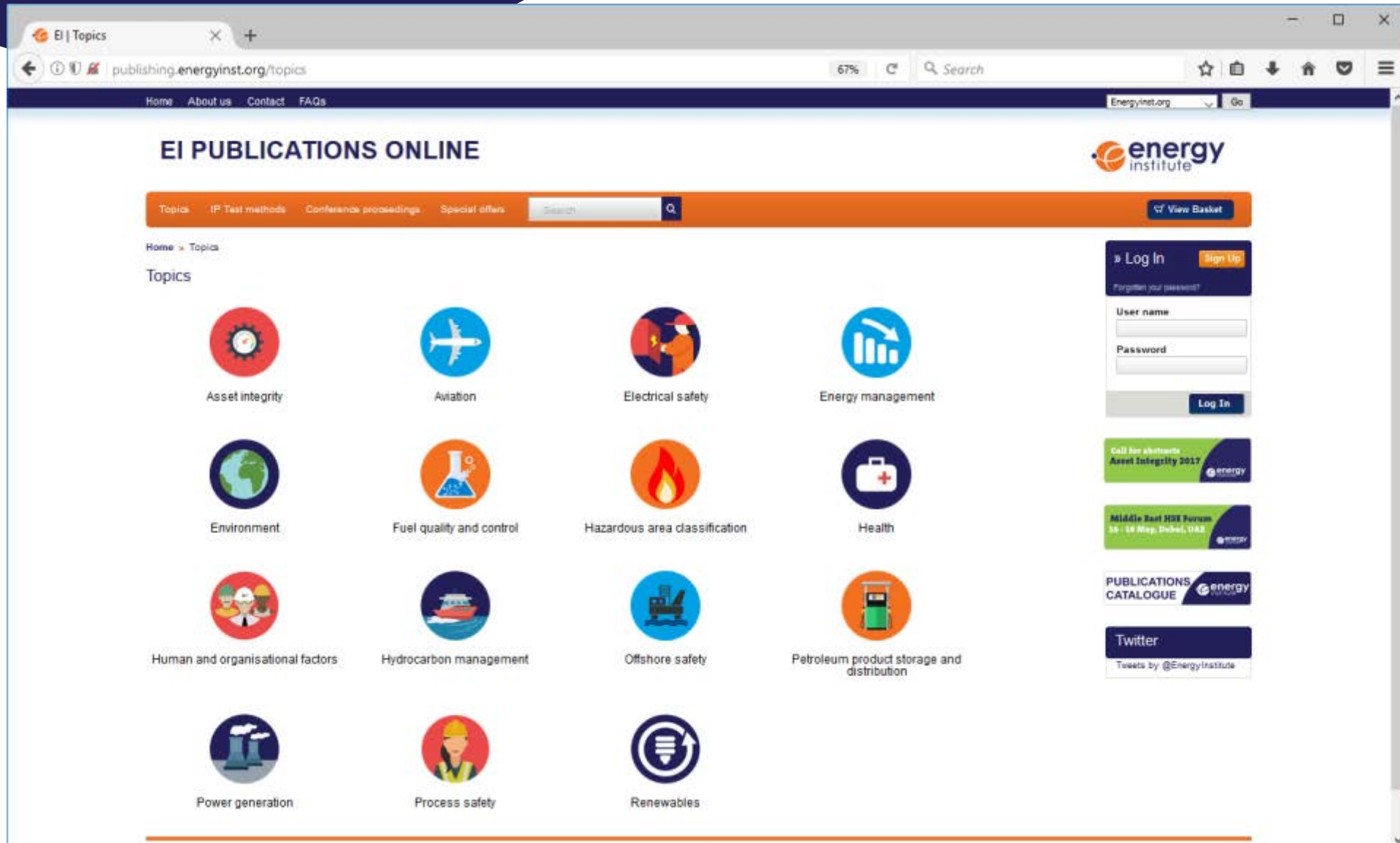
Password

Help?




- ### Collections
- Aviation Fuel
 - Datasheets
 - Energy management
 - Offshore Wind
 - Online tools and software
 - Refining
 - Road Fuels
 - Shale gas
 - Skills
 - Working Offshore

EI: Good Practice



The screenshot displays the Energy Institute website's 'EI PUBLICATIONS ONLINE' page. The browser address bar shows 'publishing.energyinst.org/topics'. The page features a navigation menu with 'Home', 'About us', 'Contact', and 'FAQs'. A search bar is located in the top right of the main content area. The main content is a grid of 12 topic icons, each with a corresponding label: Asset integrity, Aviation, Electrical safety, Energy management, Environment, Fuel quality and control, Hazardous area classification, Health, Human and organisational factors, Hydrocarbon management, Offshore safety, and Petroleum product storage and distribution. On the right sidebar, there is a 'Log In' section with a 'Sign Up' button, a 'Forgot your password?' link, and input fields for 'User name' and 'Password'. Below the login section are three promotional banners: 'Call for abstracts Asset Integrity 2017', 'Middle East HSE Forum 16-18 May, Dubai, UAE', and 'PUBLICATIONS CATALOGUE'. At the bottom of the sidebar is a 'Twitter' section with the handle '@EnergyInstitute'.

Health Technical Committee (HTC) & Occupational Health & Hygiene Committee (OHHHC)

- 
- A white first aid kit with a red cross, set against a dark blue circular background.
- Advising industry on all health issues relevant to the Oil and wider Energy sector, nationally and internationally;
 - Health aspects of employees, customers & public who may be impacted by the industry
 - Medical & occupational hygienist professionals
 - Membership: Upstream and downstream
UK and internationally
Wider energy and power generation industry
Health and Safety Executive
Other associations (UKPIA, OGUK)

Health Technical Committee (HTC) & Occupational Health & Hygiene Committee (OHHHC)

- Outputs:
 - Guidance to assist industry operation;
 - Position statements on evolving issues;
 - Research reports on key medical issues;
 - Expert summaries on emerging issues.

- Topics:
- Fitness Standard for the offshore survival course
 - Ageing workforce
 - The influence of climatic factors on work performance
 - Emergency response team fitness requirements
 - Health surveillance
 - Epidemiological study on effects of exposure to benzene
 - Manual Handling
 - Electro Magnetic Fields Directive
 - Legionella
 - Low levels of H₂S
 - etc.