



Today's Programme

- 10.00am Introduction and housekeeping Jeya Calder, Highlands and Islands Enterprise
- 10.05am Old and New Co-chairs changeover, Paul O'Brien, DeepWind
- 10.10am Introduction to Draeger Megan Hine
- 10.20am Introduction to Arup, Clare Lavelle
- 10.30am Floating Offshore Hydrogen Production Platform **Stéphane Le Berre**, Lhyfe
- 10.50am Q&A Session Lauren Macintosh, Cluster Builder
- 11.00am End of webinar





Co-chair handover

John Sinclair



Neil Wilkinson



Clare Lavelle



Megan Hine





Megan Hine Dräger



MEGAN HINE

Business Development Manager – **SAFE ENERGY TRANSITION**

5 years experience in Draeger Safety portfolio

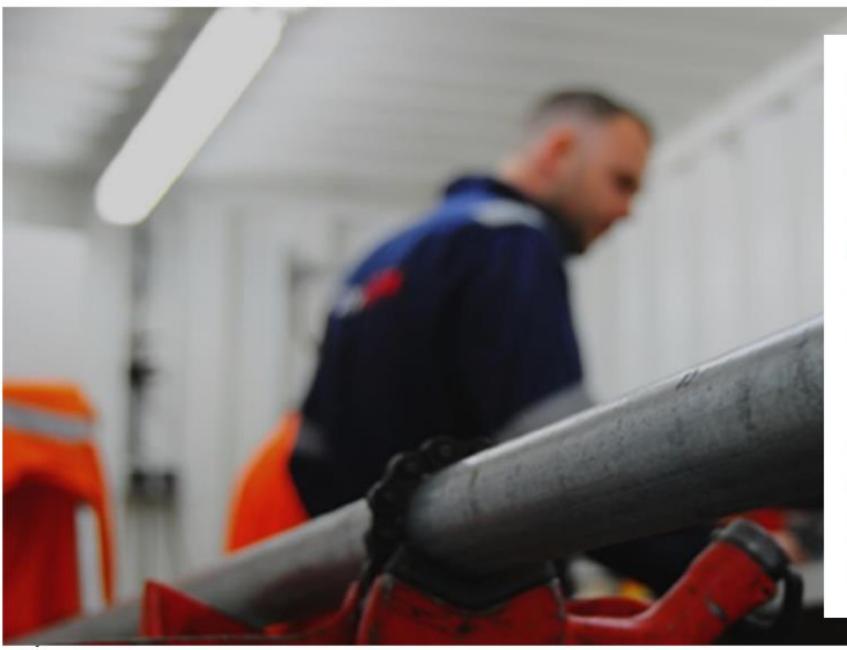
Gas and fire detection systems background

Guest lecturer University of Aberdeen – Gas safety for the energy transition

Wireless gas detection expert







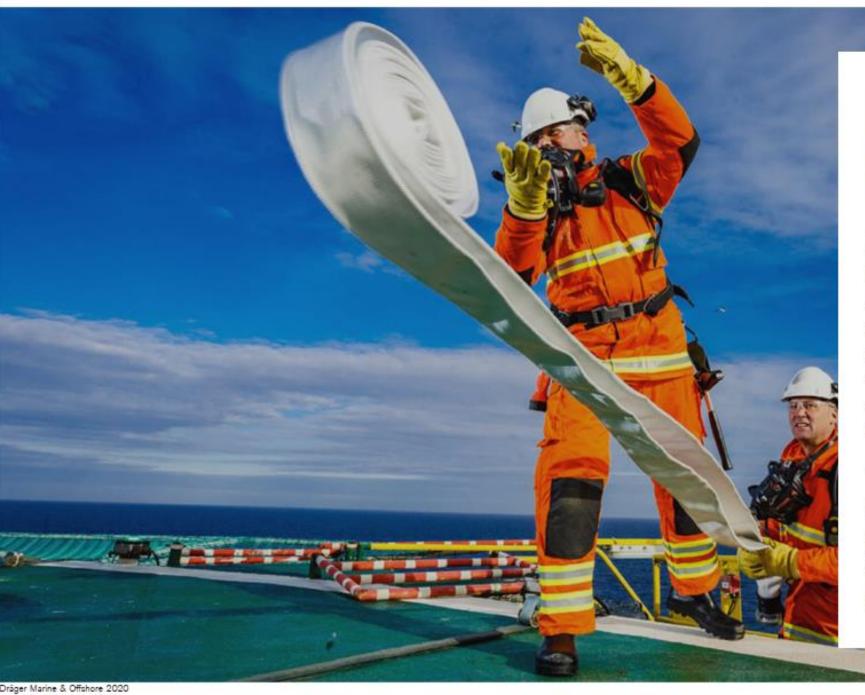
Dräger Project Packages

At a Glance

Firefighting Packages Active fire protection in all sizes

- Deluge systems
- Gaseous extinguishing systems
- Sprinkler and water mist
- Foam systems
- Helideck protection
- · GRP/Stainless steel cabinets

We offer custom engineering project management, maintenance and consulting on the entire product range.



Dräger Project Packages

At a Glance

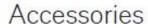
Misc. Firefighting Firefighting for all applications

- Fire extinguishers
- Hydrant stations
- Monitor systems
- Fire hoses and nozzles
- Fireman's equipment
- GRP / Stainless steel cabinets

We offer custom engineering project management, maintenance and consulting on the entire product range.

Dräger Firefighting Solutions Product highlights

Products





Firefighting Skids
Project-specific sizes for helidecks
and other applications



Atmosphere monitoring



Composite Fire Extinguisher
No corrosion, up to 15% lighter,
10 years warranty and 100% recyclable



Custom solutions



DMO IPX6 Storage cabinets Various sizes, wall and deck mounted, custom shelves



ATEX heating and lighting systems



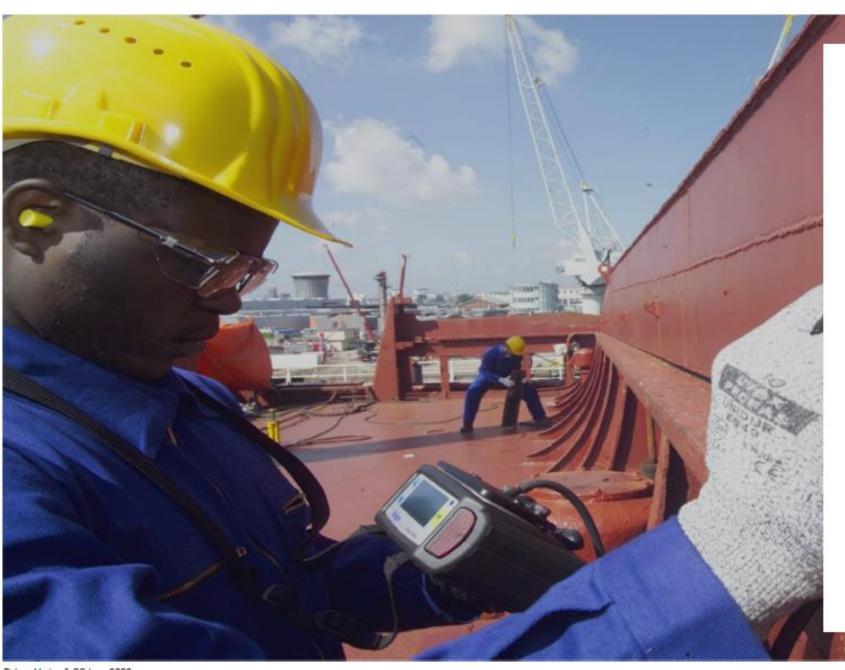
Dräger Project Packages

At a Glance

Misc Rescue & Lifesaving Marine & Offshore lifesaving solutions

- Lifejackets and survival suits
- · Lifebuoys and accessories
- Pyrotechnics
- Liferafts
- GRP / Stainless steel cabinet

We offer custom engineering project management, maintenance and consulting on the entire product range.



Dräger Project Packages

At a Glance

Misc Safety equipment Marine & Offshore lifesaving solutions

- Breathing apparatus
- · Escape breathing apparatus
- Portable gas detection
- Safety showers
- PPE / Electrical safety equipment
- GRP / Stainless steel cabinets

We offer custom engineering project management, maintenance and consulting on the entire product range.

Many thanks





Clare Lavelle ARUP





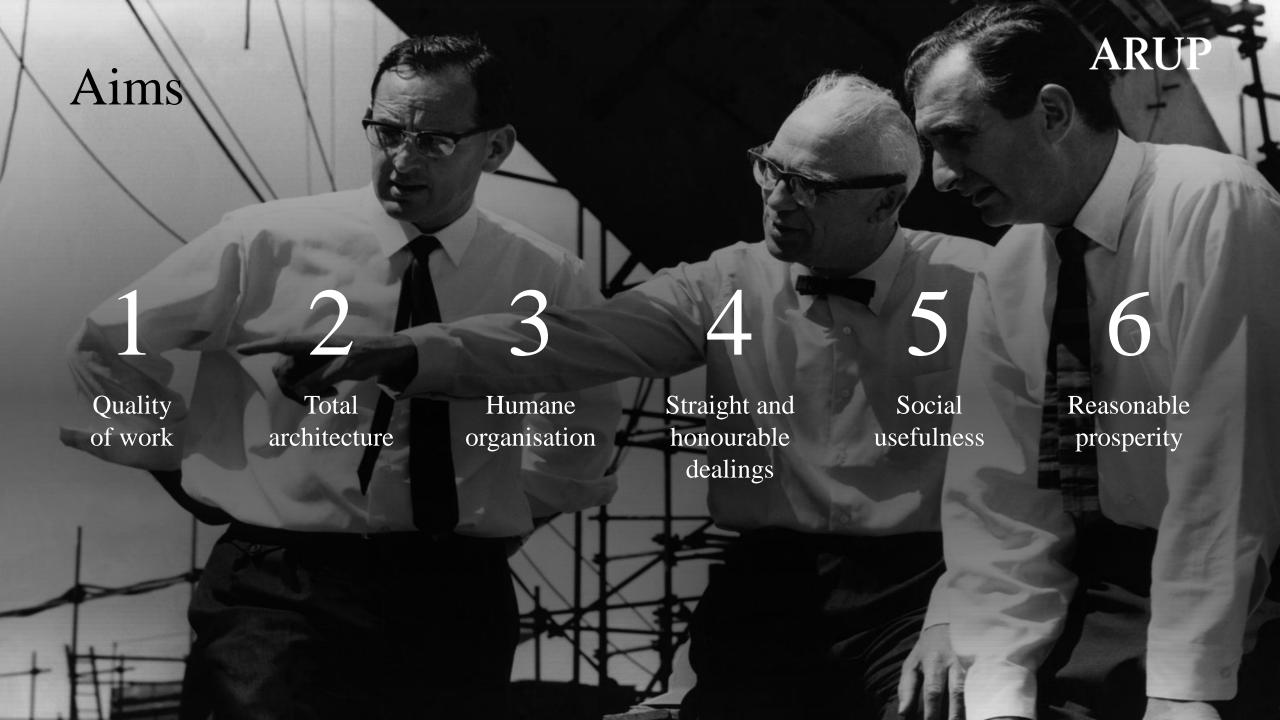
DeepWind

Power2X Subgroup

ARUP

Global presence





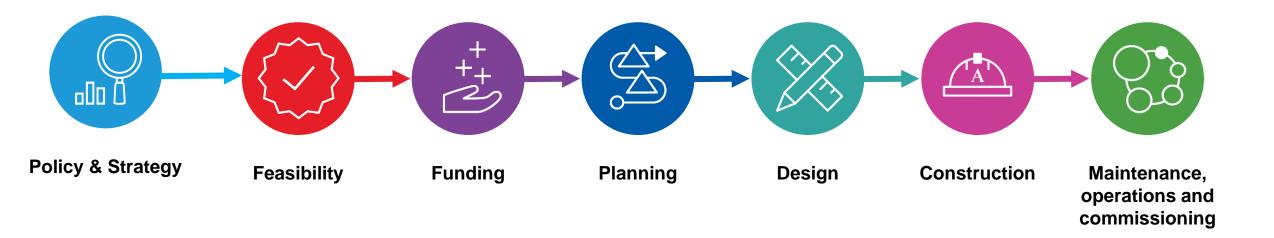


Energy Markets

Delivering deep decarbonisation Hydrogen & Industrial Decarb Urban **Offshore Wind** Energy **Just Transition** Energy **Decarbonisation** Nuclear Renewables Regulated **Utilities**



Working across a project life-cycle



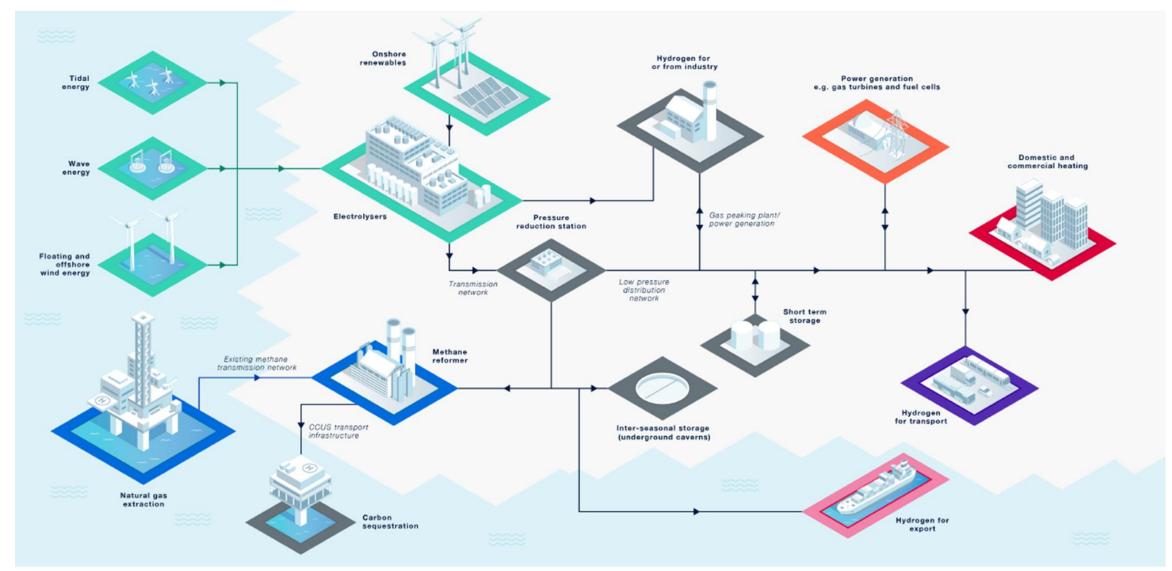


Providing Integrated Services



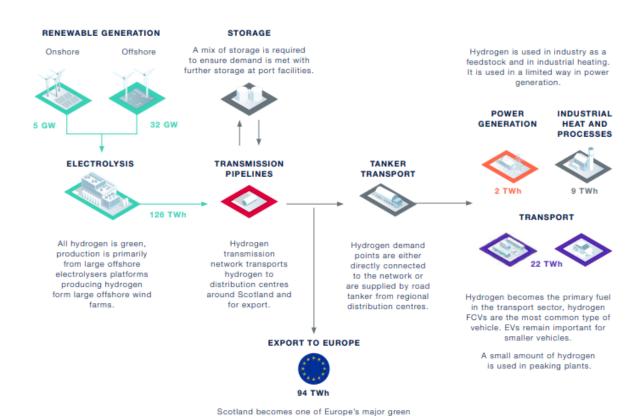


Arup in Hydrogen



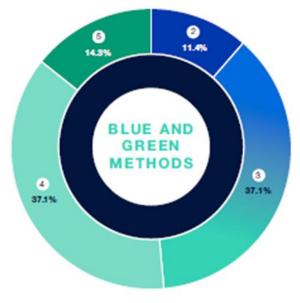


Scottish Hydrogen Assessment



hydrogen exporters driving green hydrogen

production in Scotland.



- 1. Blue only (no stakeholder selected)
- 2. Mainly blue
- Mixture of blue and green
- Mainly green
- Green only

Figure 27: Stakeholder responses to 'how hydrogen production is split between blue and green production methods.

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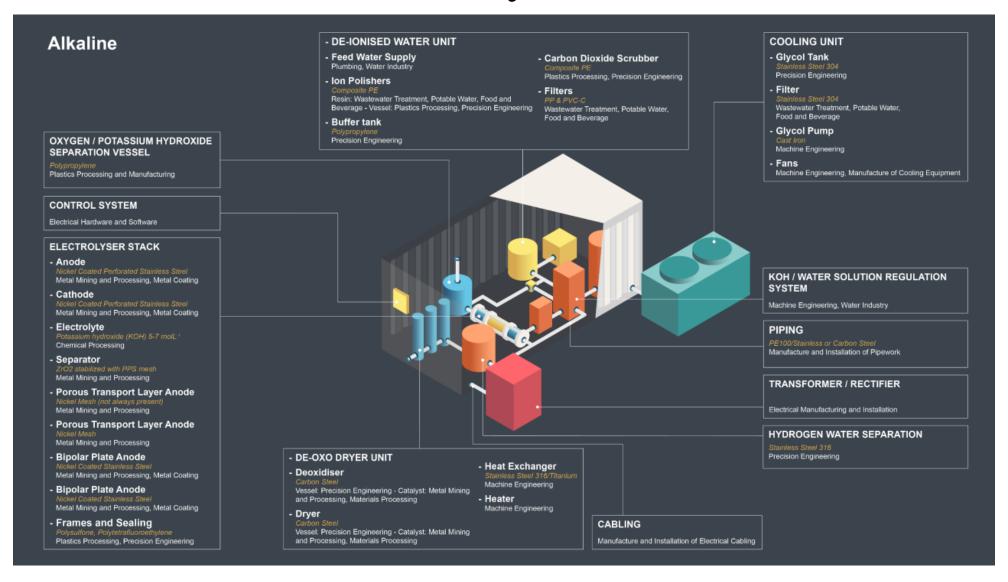


Hydrogen Transport



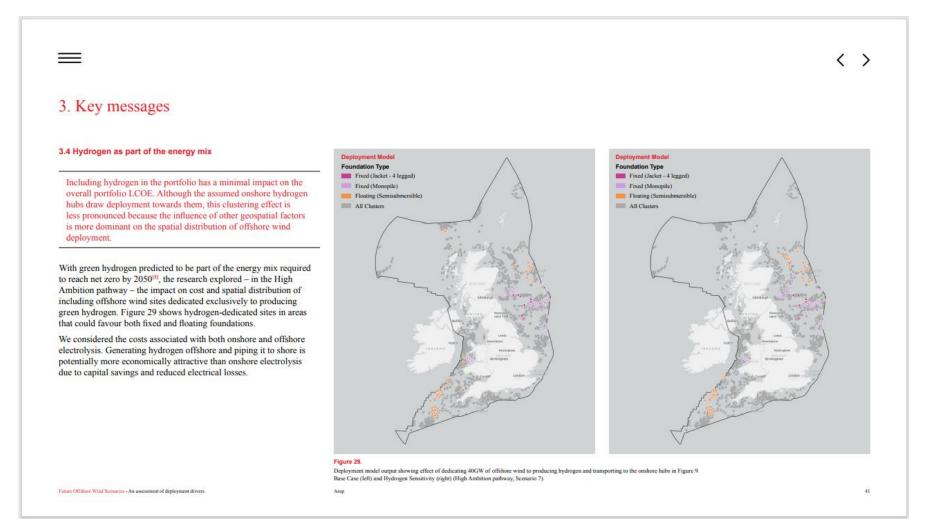


Assessment of Electrolysers





Future Offshore Wind Scenarios











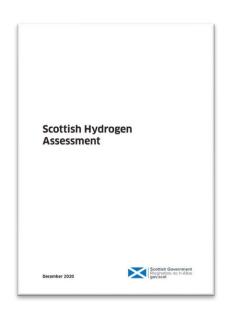
Publications from Arup on hydrogen



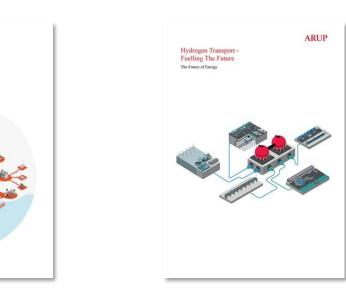
If you'd like to know about Hydrogen and its role in the future energy system...

ARUP

Establishing a Hydrogen Economy The Future of Energy 2035







THE FUTURE OF ENERGY: GREEN **HYDROGEN TRANSPORT**



FIVE MINUTE GUIDE TO HYDROGEN

Scottish Hydrogen Assessment

ARUP



Stéphane Le Berre



Lhyfe policy means that we cannot share the presentation





Q&A Session

Facilitated by Lauren McIntosh, Cluster Builder



EUROPE & SCOTLAND

European Regional Development Fund Investing in a Smart, Sustainable and Inclusive Future