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Authority

# Energy Institute webinar

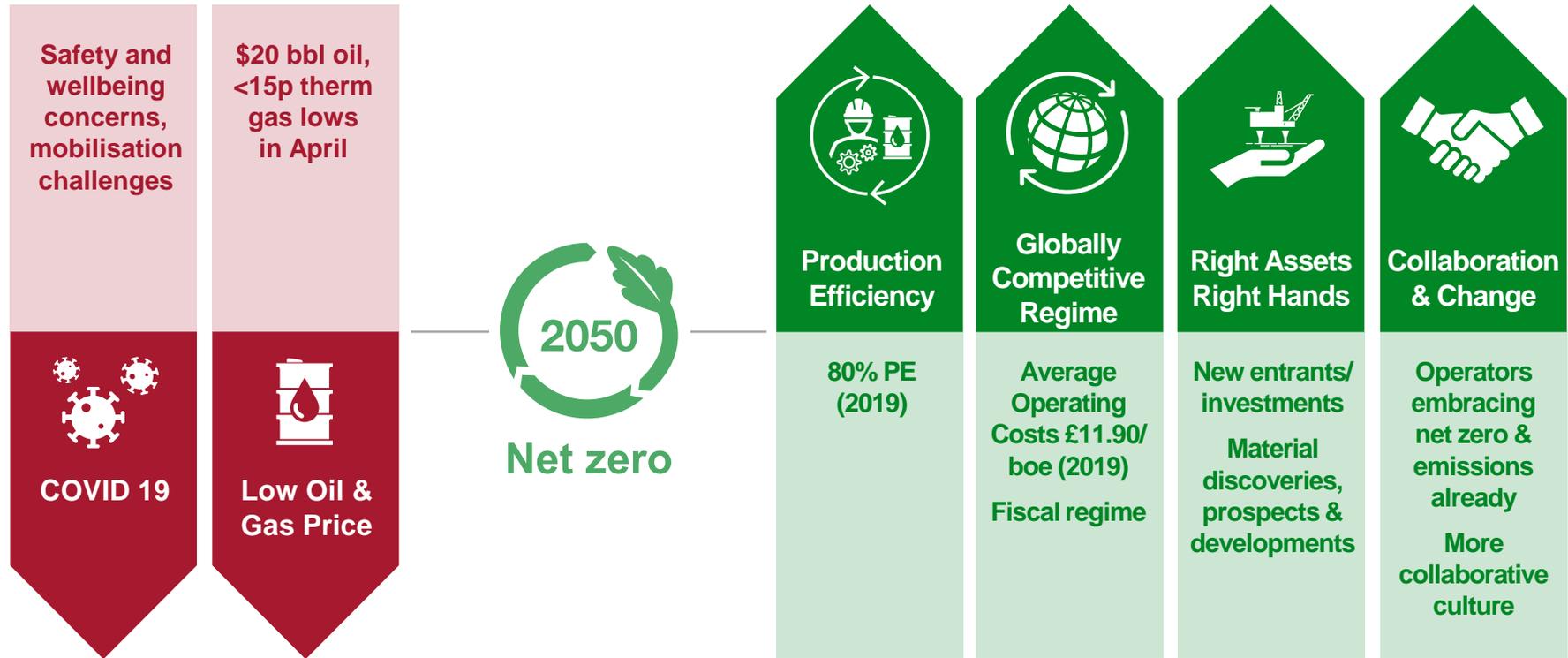
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## OGA with Supply Chain & Exports Taskforce



### Strategic future for UK supply chain

- North Sea Transition Deal
- Autumn submission to govt



### Global Underwater Hub

- New national network
- Support subsea sector transition
- Funding under discussion



### Wells P&A project

- Proposed £100m loan fund
- Stimulate activity
- Business case submitted



### Accelerating exports & diversification

- Increase project visibility/access
- 146 projects mapped, value £874bn
- 56 webinars held, 5639 attendees

## OGA leaving no stone unturned



### Suspended wells

- Stimulate activity
- P&A: 190 open water wells
- Robust approach



### Brownfield/small scale projects

- Multiple pieces of work
- 20 operators contacted



### Licence management

- Licence extension scrutiny
- Avoid licence activity deferral



### CNS electrification workshops

- Energy integration
- Bringing parties together
- Ops, wind and power sector



### Dispute facilitation

- Resolutions have avoided early CoP in many cases



### Resilience work

- Critical infrastructure
- Financial: with govt
- Operational/logistical: with industry



### Green recovery

- Offshore emissions reduction
- Energy Integration Project Ph2
- CCS & Hydrogen

# Energy integration: UKCS contribution to net zero



Oil & Gas Authority



Led by



Oil & Gas Authority

In collaboration with



Department for  
Business, Energy  
& Industrial Strategy

THE CROWN  
ESTATE

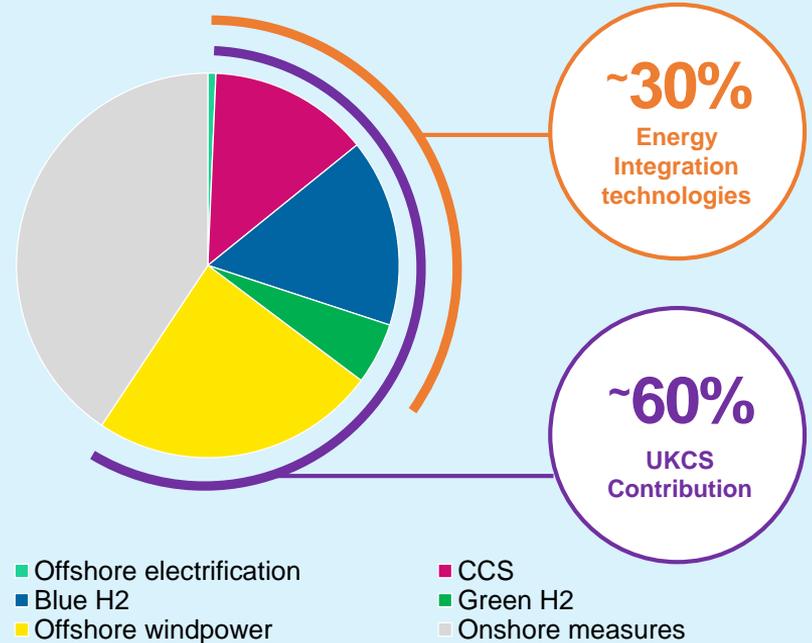
ofgem

Regulatory  
enhancements

Technical/economic  
feasibility

Continue  
into Phase 3

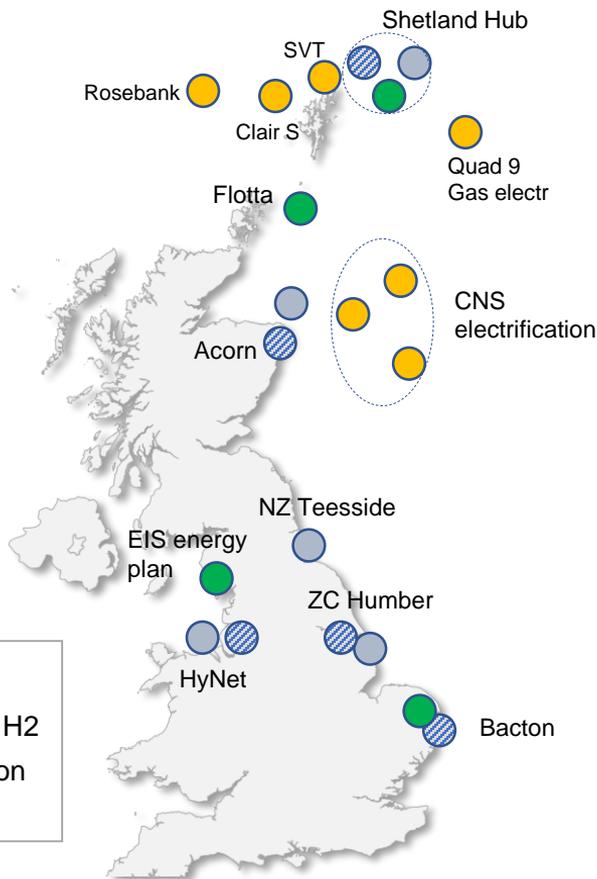
2050 net zero emission abatement from 2018 baseline  
(Total = 450MtCO<sub>2</sub>e pa.)



# Green Recovery



## Net zero indicative projects



## Vision & potential pathways

2025	2030
<h3>Offshore Electrification</h3> <ul style="list-style-type: none"> <li>&gt;1 electrification scheme from windfarms operational in CNS</li> <li>&gt;2 greenfield electrifications (shore/wind) sanctioned in WoS</li> </ul>	
<ul style="list-style-type: none"> <li>3MtCO<sub>2</sub> pa emission reductions</li> <li>£5bn Capex invested</li> <li>2GW of wind power growth stimulated</li> </ul>	
<h3>Carbon Capture &amp; Storage</h3> <ul style="list-style-type: none"> <li>CCS first injection at &gt;2 pilots</li> <li>&gt;2MtCO<sub>2</sub> pa injected</li> <li>Commercial roll-out sanctioned at &gt;4 industrial clusters</li> </ul>	
<ul style="list-style-type: none"> <li>&gt;4 commercial scale CCS projects operating</li> <li>17 MtCO<sub>2</sub> pa injected</li> <li>£8bn Capex invested</li> </ul>	
<h3>Energy Hubs</h3> <ul style="list-style-type: none"> <li>&gt;2 Blue Hydrogen pilots operational</li> <li>2 more net zero Hubs identified with Blue / Green H2 plans</li> </ul>	
<ul style="list-style-type: none"> <li>Blue H2 commercial scale, 4GW methane reforming installed</li> <li>1GW green H2 capacity installed</li> <li>£7bn Capex investment</li> </ul>	
<p><b>20MtCO<sub>2</sub> abatement and £20bn Capex by 2030</b></p> <p><b>Supports delivery of UKCS net zero potential by 2050</b></p>	

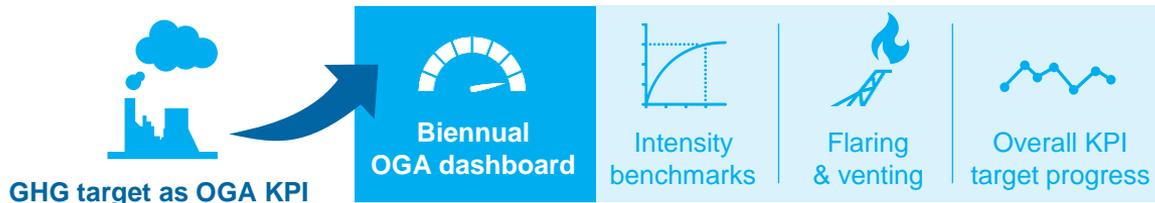
# Reinforcing our focus on net zero



## Industry commitment to reducing upstream GHG emissions

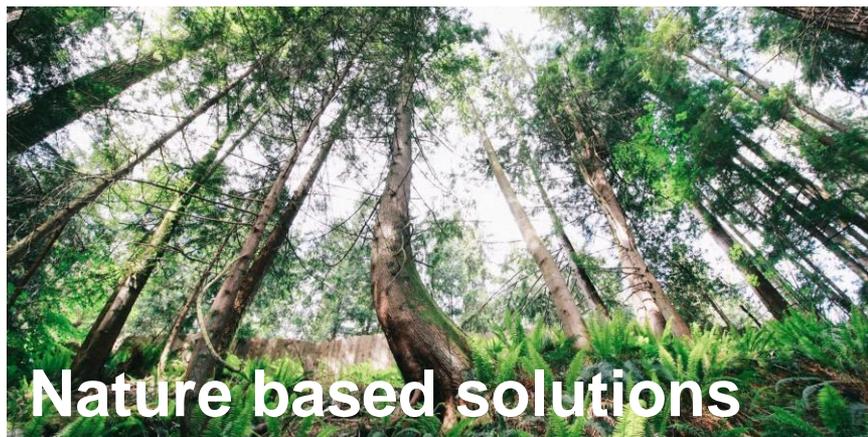


## OGA tracking and monitoring progress



Senior level engagement: net zero 'deep dives'

# Leading the transition



Great opportunity to be part of the solution, rather than the problem



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# Thank you

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