



# Application of JIP33 on Low Carbon Projects

Application for value

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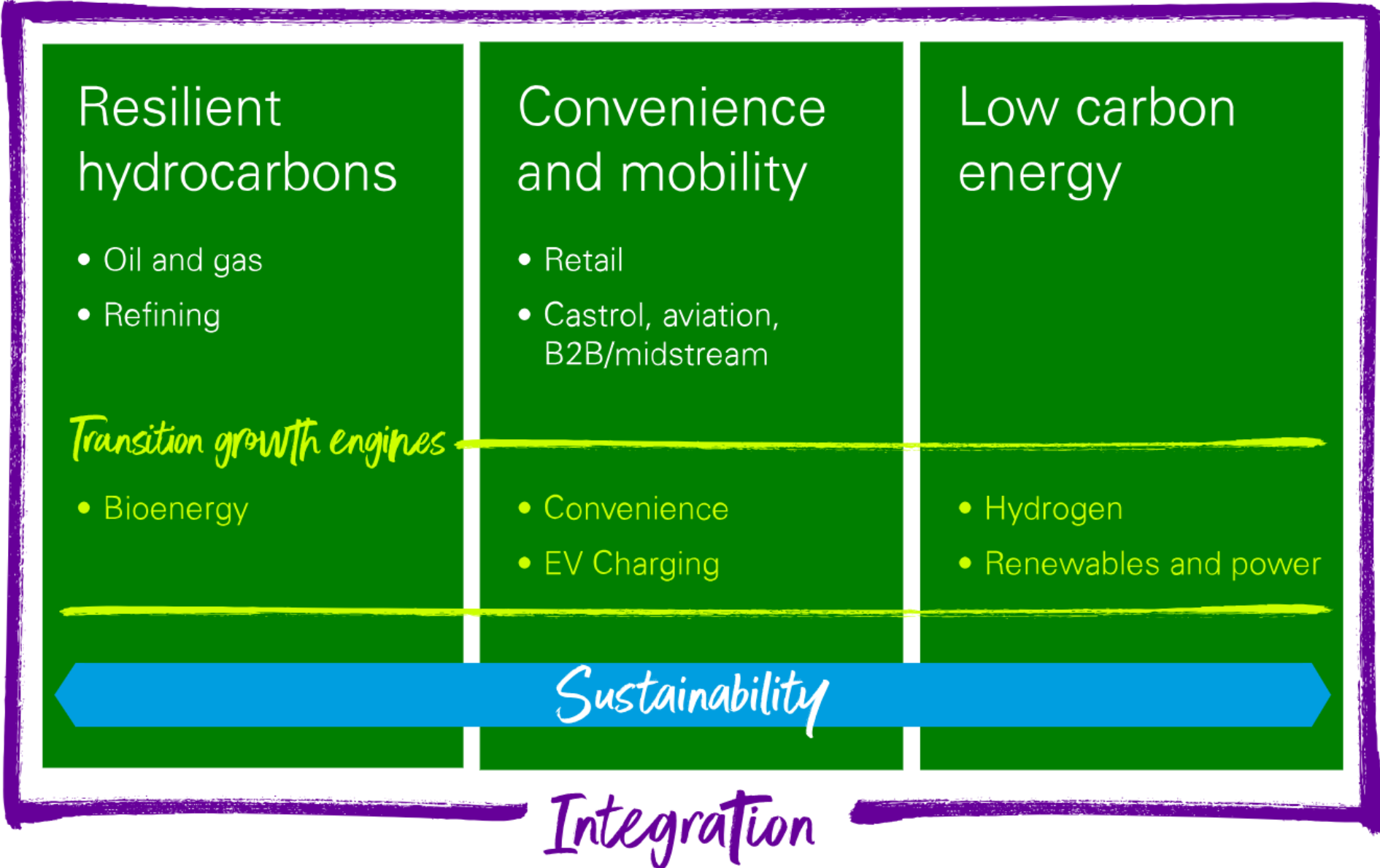
# Daniel Prentice

bp, P&O - projects

Requirements & standardisation manager,  
Daedalus programme

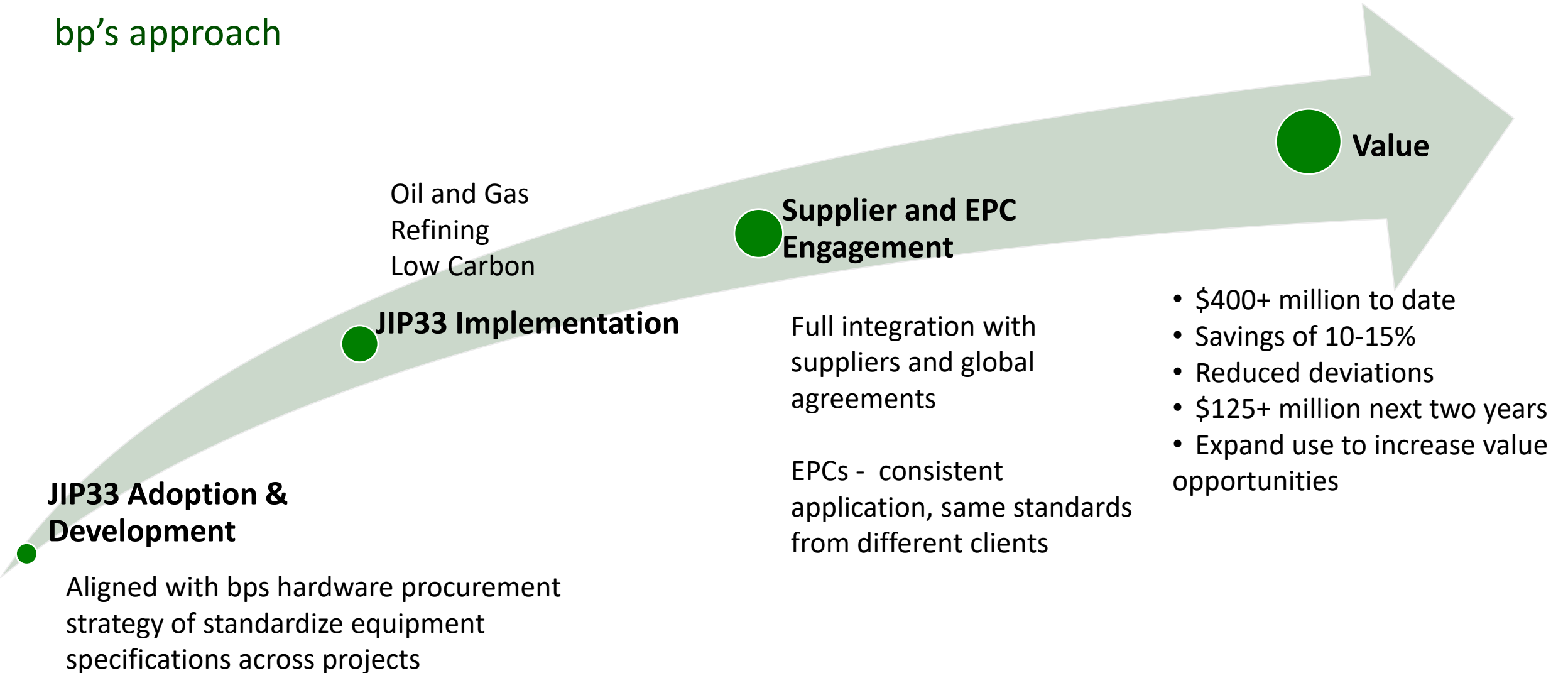


# Our strategy



# Standardized specifications and alignment to JIP33

bp's approach



# JIP33 applicability

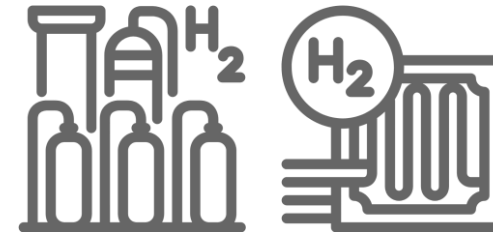
## CCUS

Similarities with conventional oil & gas facility equipment resulting in broad applicability of JIP33 specs.



## Hydrogen

Green and blue hydrogen projects evaluation of JIP33 specs show opportunity for broad applicability of JIP33 specs. Expansion of material selection and testing needed for some specifications.



## Biofuels

Sustainable fuels from hydrogenation of esters and fatty acids. Not crop based biofuels. Similarities with conventional oil & gas facility equipment in half of the process resulting in broad applicability.



JIP33 Applicable?	JIP33 Applicable?			
	Oil & Gas	CC(U)S	Hydrogen	SAF
Yes				
With update				
No				
N/A				
<b>Corrosion</b>	Yes	Yes	Yes	Yes
<b>Electrical</b>	Yes	Yes	Yes	Yes
<b>I&amp;PS</b>	Yes	Yes	With update	Yes
<b>Mechanical</b>	Yes	Yes	With update	Yes
<b>Rotating systems</b>	With update	Yes	Yes	Yes
<b>Valves</b>	Yes	With update	With update	Yes

# Future opportunities

Expansion of JIP33 specification development roadmap through a low carbon lens

Maintenance of existing specifications through that same lens

Opportunity to realise savings for the lower margin new energy business



IOGP-JIP33 Extra-high Voltage Gas-insulated Switchgear Supplier Questionnaire



IOGP-JIP33 Battery Energy Storage Systems (BESS) Supplier Questionnaire

# Slido poll results



What opportunities, concerns, or areas for more information are on your mind?

Wordcloud Poll  32 responses 26 participants



Aiming  
for NetZero

Questions?