

### **Luncheon Remarks**

Jason Kraynek ECC Board Chair Fluor







### **Forum Overview**

Michele McNichol ECC Board Member Arion Blue LLC









### **ECC Strategic Initiatives**

Dave Kafer **ECC Board Member Dow Chemical** 







**54th Annual ECC Conference: PerspECCtives** 

### **Spirit of ECC Award Introduction**



Don Heimbach
ECC Executive Board Member
LyondellBasell



Brandon Mabile
ECC Executive Board Member
Performance Contractors





#### The Spirit of ECC Award

#### **Award Criteria**

Candidates who display an exemplary demonstration of a wide array of talents, skills, and passions that encapsulate the ECC's mission to engage and improve the industry. The recipient of the Spirit of ECC Award will have shown the following:

- A strategic response to a fundamental challenge or opportunity
- A solid application of 'Thought Leadership';
- A certain stewardship towards the betterment of the industry, its participants, and the people it serves.

#### **Past Award Recipients**

- 2021 Houston Livestock show and Rodeo
- 2019 UH Process and Industrial Management Program
- 2018 Sadara Project Team
- 2017 Dream Big : Engineering our World
- 2016 Go Build Alabama



### Introduction

Nick Sinnett ECC Board Member Performance Contractors







Ewan Drummond BP







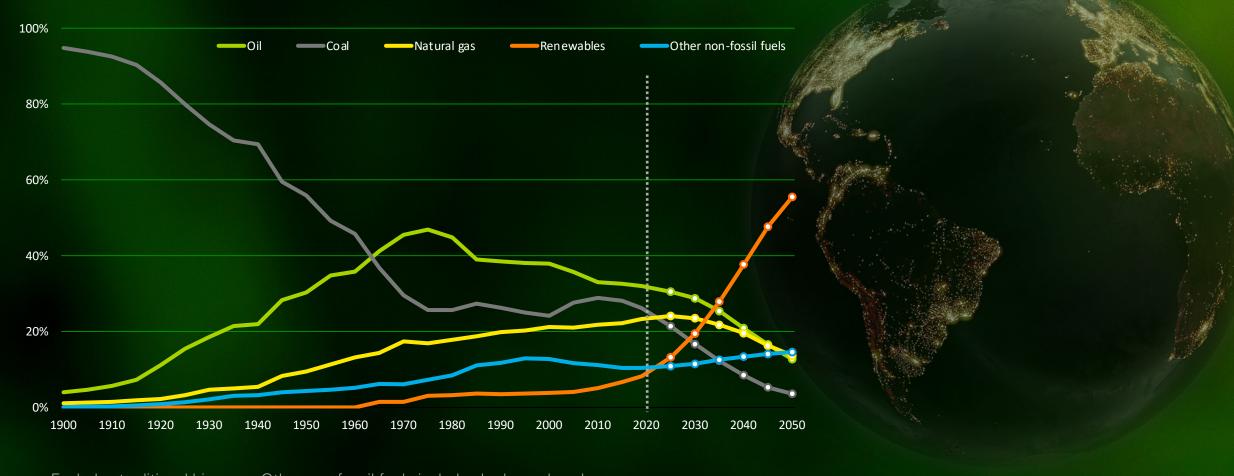
## Inspiring Change

A need to change

A desire to change

### A reshaping of how global energy markets work

Share of primary energy



Excludes traditional biomass. Other non-fossil fuels includes hydro and nuclear.



### Our industry is on the Move

80% of all corporations have set emissions reductions targets.

67% of hydrocarbon organizations actively looking for opportunities outside of oil and gas.

These companies are investing

in offshore wind, solar, hydrogen, biomass, hydro, geothermal, nuclear.

### Pivoting from an IEC

Diversifying & decarbonising

- Resilient, higher margin, lower emissions oil and gas business
- Differentiated convenience and mobility business
- Grow renewables business 20 fold



### Five transition growth businesses

- Bioenergy
- EV charging
- Convenience
- Renewables
- Hydrogen

By 2030 we expect that the share of our capital spending on these growth businesses will rise to around 50%.

# Reinventing

- Retired upstream/downstream model
- More focused, integrated
   face into transition
- Fewer layers, agile, integrated, customer-oriented
- Double capital investment in digital transformation

Performing While transforming

7 major field start ups

3 new hydrocarbon discoveries

13,000 EV charging points

23GW wind and solar projects pipeline

7 hydrogen projects



### Reimagining Energy

Inspiration to innovate

## Reimagining Energy

### Inspiration to innovate

Three innovative projects that bp is currently pursuing with multiple partners.



Clean energy for New York.



Decarbonising heavy industry in the UK.



Cleaner fuels for US road and air transport.







- 3 4GW, 2 million homes,
   \$1 billion economic output
- Cutting-edge turbines, vessels, HVDC technology
- Major legacy investments in NY ports infrastructure

## Reimagining Energy for the UK

Aberdeen (



- Three projects, 5.9GW,6 million homes
- ~\$12 billion investment in Scottish wind alone
- Infrastructure development in ports, harbours, shipyards





# Reimagining Energy for industry

#### Net Zero Teesside, UK

- First of kind gas power generation with post combustion capture project
  - Carbon capture transport and storage infrastructure project
- Two hydrogen projects







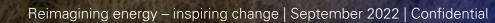
# Reimagining Energy for industry

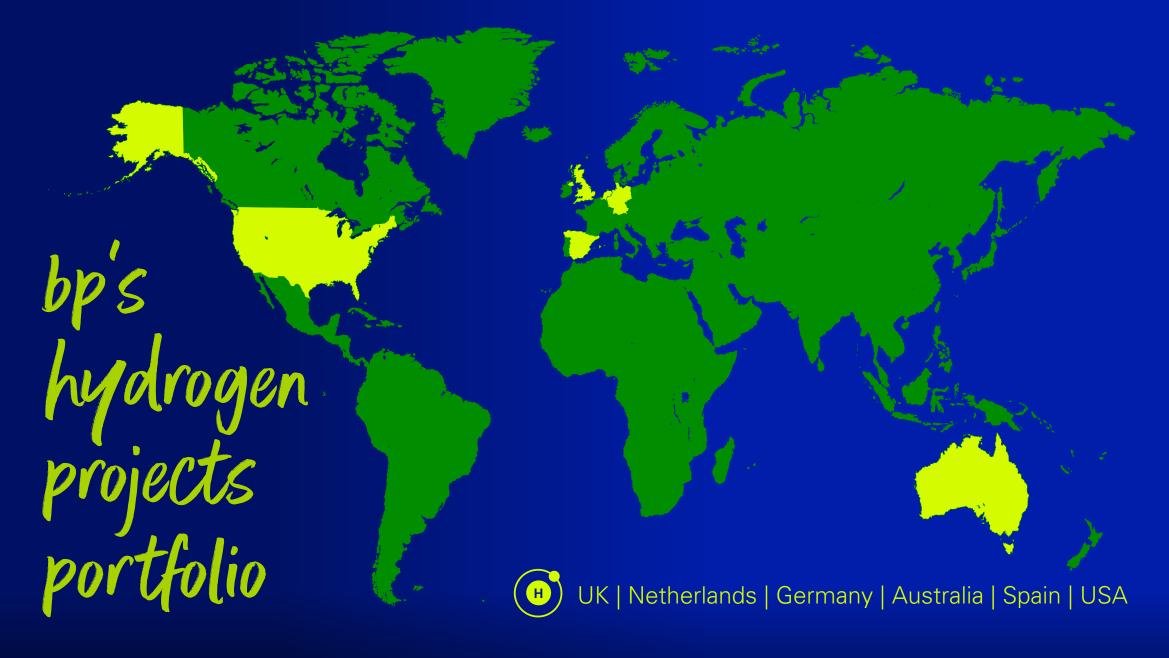
#### Net Zero Teesside, UK

- Leverage upstream heritage
- Novel contracting strategy
- Local execution focus
- Integrated project management
- Scaling low carbon hydrogen



Teesside







### Reimagining Energy for mobility

#### Cherry Point Refinery, US

- Reducing refinery operations emissions by 7% or 160,000 tons per annum
- Co-processing up to 25% renewable feedstocks to reduce customer fuels emissions by 400-600,000 tons pa
- Reimagining bp's refineries as integrated energy hubs



CALIFORI





- World needs a better energy system to solve the trilemma
- Huge opportunity set in lower carbon energy projects
- Need to do things differently from the past
- Requires complete re-imagining of energy

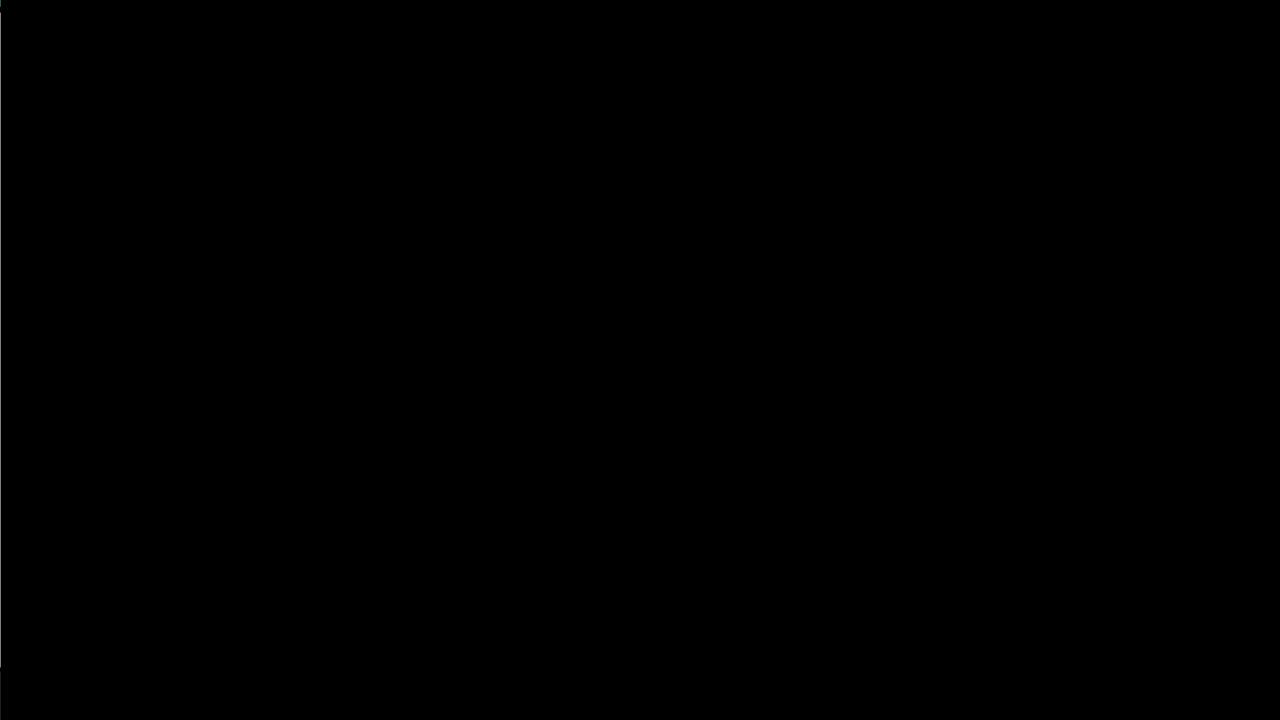




Jason Kraynek ECC Board Chair Fluor







### 2022 ECC Achievement Award & Spirit of ECC Award Winners

John Zachry

**ECC Achievement Award** 

Associated Builders & Contractors

Spirit of ECC Award

#### TRANSFORMATIVE CHANGE: INCOME

2,062 people served

448 households

\$224,000 pre-bridge income \$67,000 in new annual income













4.6 average household size \$500 average Rwanda household income 30% increase in annual income post-bridge

X

#### **EDUCATION**

2,062 people served

37% Rwandan population of school age

763

more children with safe access to school



#### **HEALTHCARE**

2,062 people served 52% female X Rwandan population 20% female population who give birth annually

215

more women with access to attended births















### Let's build another bridge!

**DONATE NOW: TEXT BRIDGE2022 TO 76278** 

bridgestoprosperity.org

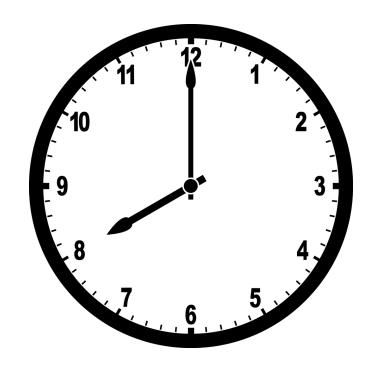


### **ECC PerspECCtives Party!**





### **Conference Starts Tomorrow at 8:00 AM**



See you then!

