



# The hydrogen highway: Navigating the UK's clean energy transition

*Reimagining  
Energy*

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# bp UK Hydrogen Mobility

Developing an integrated offer for customers



## Bp integrated solution

### Low Carbon H Production

- Large scale, low carbon hydrogen production
- Hydrogen Business Model credits
- Renewable Transport Fuel Credits reducing cost of fuel



### Distribution

- Pipe, Truck, rail
- Liquid, Liquid Carrier



### H2 refuelling station

- Safe location & bp HSE requirements for H2 refuelling
- Power Connection for compressor
- Gaseous 350/700 bar, Liquid dispensing
- Reliable supply & meeting customers' needs



### Customers

- Demand is critical
- Vehicle availability

Safe & reliable



- bp aims to provide an integrated hydrogen offer, placing the customer at the heart of the decisions.
- bp has done this before, (Hornchurch, London) however costs need to be competitive, and customers with vehicles are vital

# bp's vision for hydrogen in Mobility



EAST CO<sub>2</sub>AST CLUSTER

## Build Out from Teesside - Future Plans

**Investment is in production:** c.£1bn, bp and partners

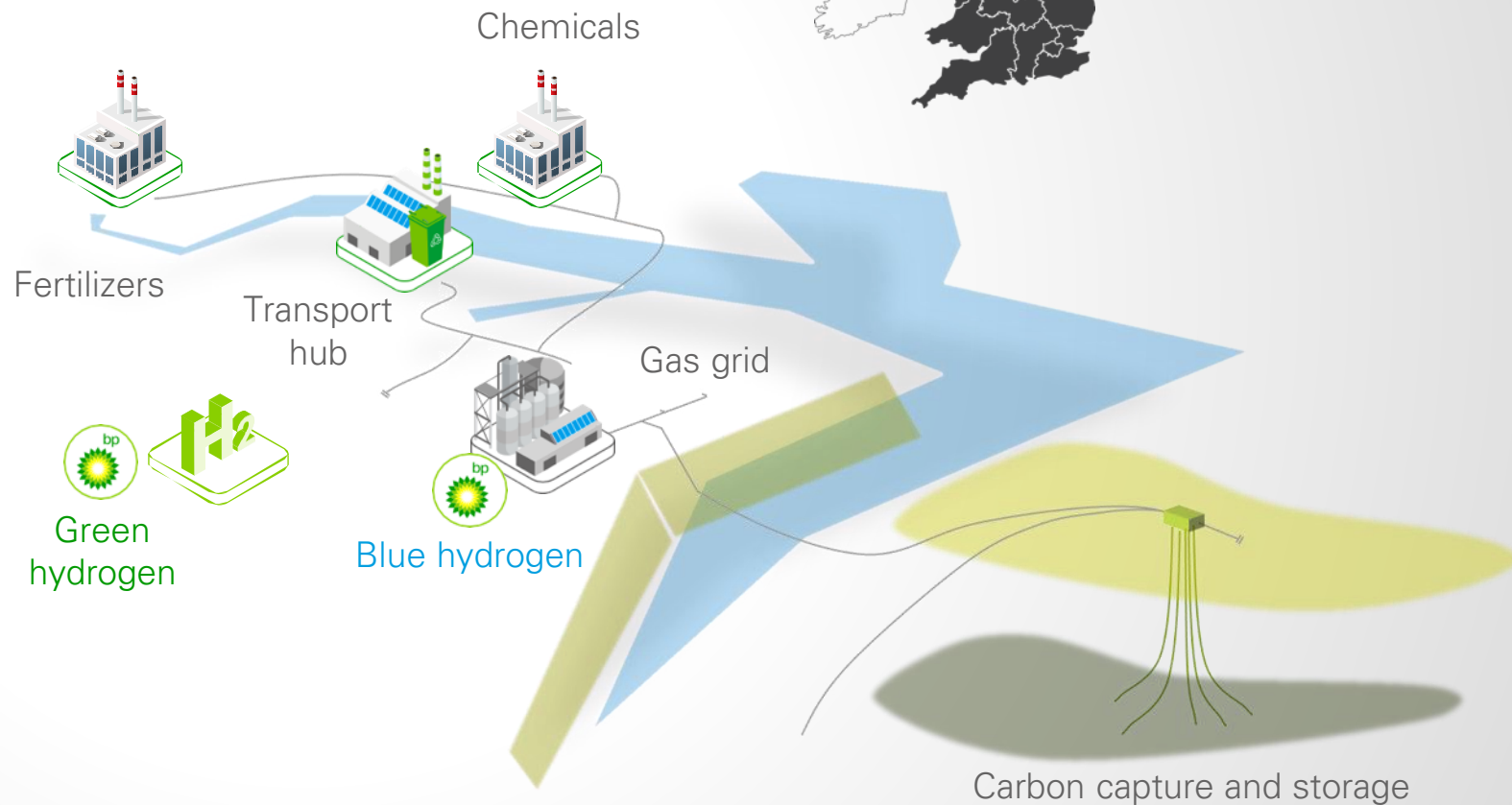
- H2Teesside: 1GWth
- HyGreen Teesside: up to 500MWe
- Significant contribution to UK's 10GW by 2030 hydrogen target

## Diversify Risk:

- Provide hydrogen to harder to abate sectors
- Both colours of Hydrogen (Blue and Green)

## Broader impact

- Low carbon hydrogen mobility hubs- multiple fuels offer
- Extend across Northern England
- Focus on HGVs





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Thank You

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