



Low carbon electricity and energy

Dev Sanyal

EVP, gas and low carbon energy

Cautionary statement



Forward-looking statements - cautionary statement

In order to utilize the 'safe harbor' provisions of the United States Private Securities Litigation Reform Act of 1995 (the 'PSLRA') and the general doctrine of cautionary statements, bp is providing the following cautionary statement. The discussion in this results announcement contains certain forecasts, projections and forward-looking statements - that is, statements related to future, not past events and circumstances - with respect to the financial condition, results of operations and businesses of bp and certain of the plans and objectives of bp with respect to these items. These statements may generally, but not always, be identified by the use of words such as 'will', 'expects', 'is expected to', 'aims', 'should', 'may', 'objective', 'is likely to', 'intends', 'believes', 'anticipates', 'plans', 'we see', 'focus on' or similar expressions,

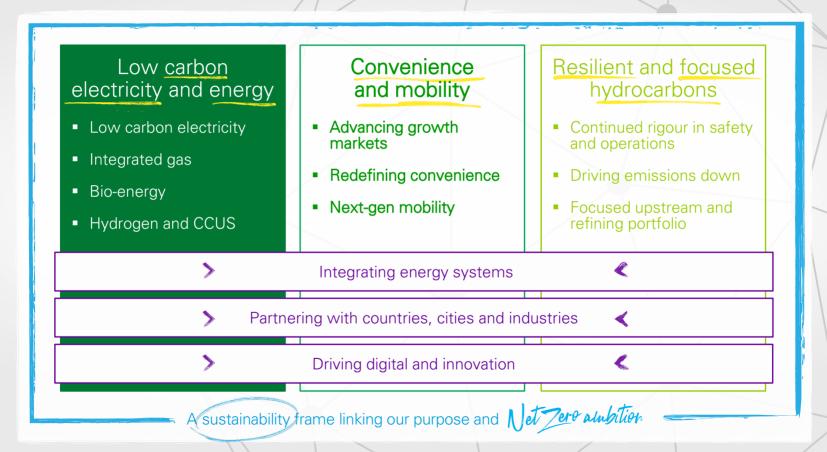
In particular, the following, among other statements, are all forward looking in nature: bp's new strategy to focus on low-carbon electricity and energy, including statements regarding its aims to become a leading, global player in low carbon electricity and energy, provide integrated energy offers, generate stable returns and enhance base unlevered project returns from renewables businesses to at least 8% to 10%, develop around 20GW of net renewable generating capacity by 2025 and 50GW by 2030, deliver 350TW hours of traded electricity by 2025 and 500TW hours by 2030, grow its LNG portfolio to 25Mtpa by 2025 and to more than 30Mtpa by 2030. maintain focus on safety and operational reliability, double bioenergy production to 50Kbd by 2025 and to more than 100Kbd by 2030, market 20% of the world's biolet fuel by 2030, increase hydrogen business to 10% share in core markets, deliver 15% reduction in the carbon intensity of its marketed products by 2030, build partnerships with countries, cities and industries in decarbonisation efforts and to amplify value through digital and innovation; plans and expectations regarding the Bunge joint venture, including statements with respect to its aims to export 1.2TW hours of power generated by biofuels in 2020, generate returns of around 15% or higher from bioenergy businesses and guadruple the business by 2030, expectations regarding bp's announced new offshore wind partnership with Equinor, including statements regarding aims to jointly develop up to 4.4GW across four offshore wind projects in the US, participate in future developments in the US and to grow participation internationally in the future including beyond 2030; plans and expectation to drive value through integrated downstream gas, including statements regarding the LNG project pipeline, projects in the port of Acu and Guangdong Dapeng, integration of renewables, gas, bioenergy and hydrogen and the significant role of renewables in bp's business; plans and expectations regarding Lightsource bp's strategy to transform Lightsource bp from being a leading European solar developer to being a global force in solar, including statements with respect to the timing of Project Bighorn; and expectations regarding shifts in energy markets, including the acceleration of electrification, growth of renewables and new opportunities for differentiated customer offers.

By their nature, forward-looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will or may occur in the future and are outside the control of bp. Actual results may differ materially from those expressed in such statements, depending on a variety of factors, including: the extent and duration of the impact of current market conditions including the significant drop in the oil price, the impact of COVID-19, overall global economic and business conditions impacting our business and demand for our products as well as the specific factors identified in the discussions accompanying such forward-looking statements; changes in consumer preferences and societal expectations; the pace of development and adoption of alternative energy solutions; the receipt of relevant third party and/or regulatory approvals; the timing and level of maintenance and/or turnaround activity; the timing and volume of refinery additions and outages; the timing of bringing new fields onstream; the timing guantum and nature of certain acquisitions and divestments; future levels of industry product supply, demand and pricing, including supply growth in North America: OPEC guota restrictions; PSA and TSC effects; operational and safety problems; potential lapses in product guality; economic and financial market conditions generally or in various countries and regions; political stability and economic growth in relevant areas of the world; changes in laws and governmental regulations; regulatory or legal actions including the types of enforcement action pursued and the nature of remedies sought or imposed; the actions of prosecutors, regulatory authorities and courts; delays in the processes for resolving claims; amounts ultimately payable and timing of payments relating to the Gulf of Mexico oil spill; exchange rate fluctuations; development and use of new technology; recruitment and retention of a skilled workforce; the success or otherwise of partnering; the actions of competitors, trading partners, contractors, subcontractors, creditors, rating agencies and others; our access to future credit resources; business disruption and crisis management; the impact on our reputation of ethical misconduct and non-compliance with regulatory obligations; trading losses; major uninsured losses; decisions by Rosneft's management and board of directors; the actions of contractors; natural disasters and adverse weather conditions; changes in public expectations and other changes to business conditions; wars and acts of terrorism; cyber-attacks or sabotage; and other factors discussed elsewhere in this report, and under "Risk factors" in bp Annual Report and Form 20-F 2019 as filed with the US Securities and Exchange Commission.

September 2020

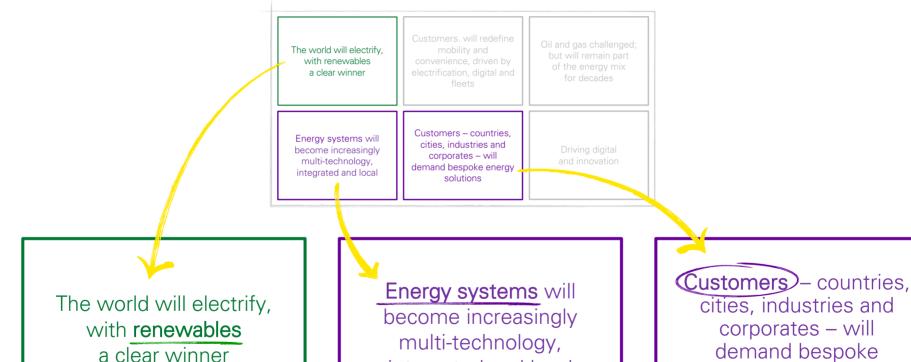
Our strategy – an IEC delivering solutions for customers





Our beliefs on the energy transition





integrated and local

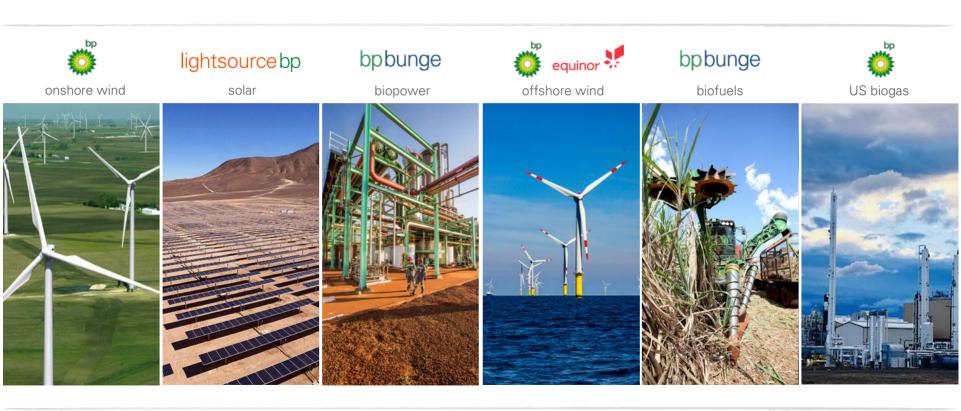
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energy solutions



Building from a solid and growing foundation





bp 2030 aims – low carbon electricity and energy



Low carbon electricity

- **50**GW developed renewables1
- Position across generation and customers
- 500TWh traded²

Hydrogen and CCUS

- 10% hydrogen share in core markets
- Net Zero Teesside



Integrated low carbon portfolio

Integrated gas

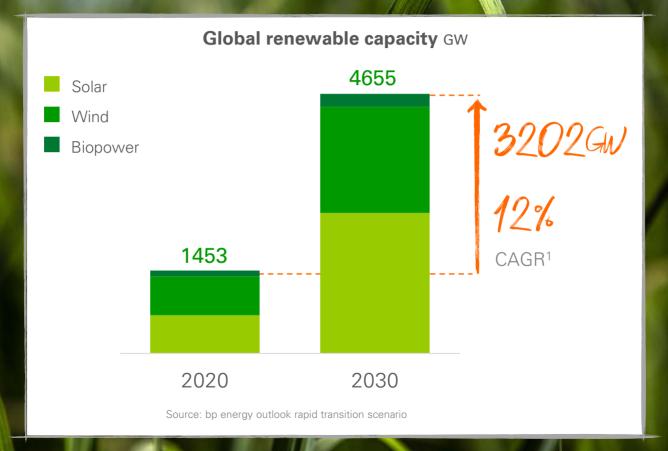
- 25Mtpa customer sales
- >30Mtpa LNG portfolio

Bioenergy

- >100Kbd produced and integrated across value chain
- 20% biojet market share
- Cost advantaged platforms across Brazil

High-growth markets create opportunities

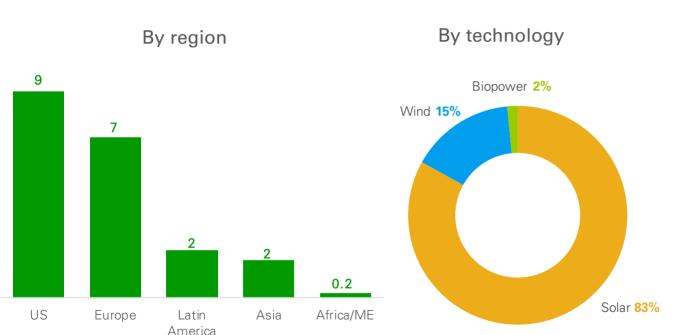




Renewable growth underpinned by a robust pipeline







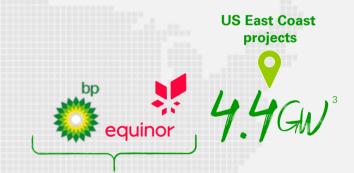
Development pipeline¹

Early stage options¹ ~21GW

New strategic partnership in offshore wind¹



From 30GW to 200GW by 2030 70% fall in LCOE² in past 10 years



- Further US opportunities
 - Global potential

Synergies from scale, execution and integration



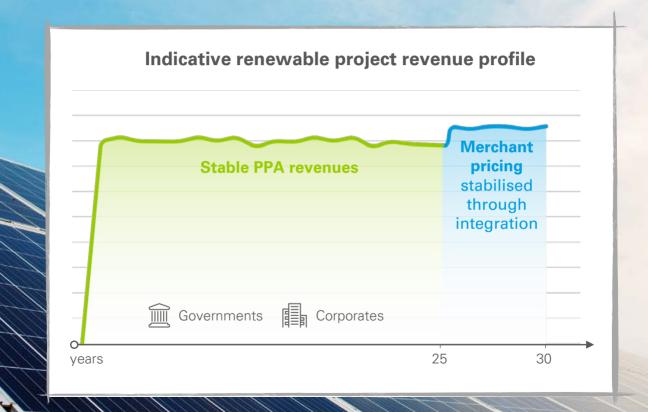
Levelised cost of energy

Gross GW



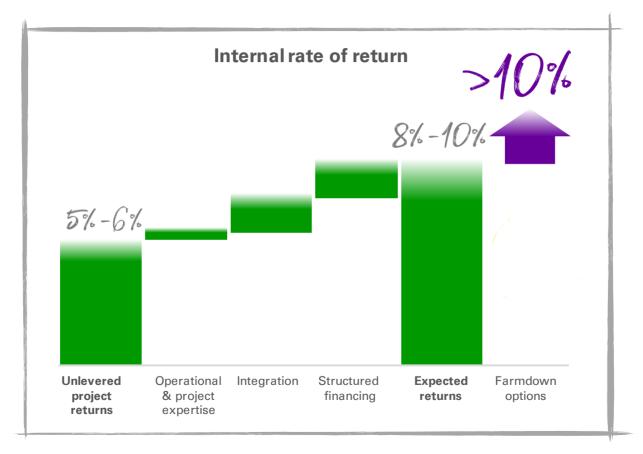
Renewables generate stable returns





Stable returns with IEC differentiation





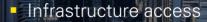




Midstream optimisation

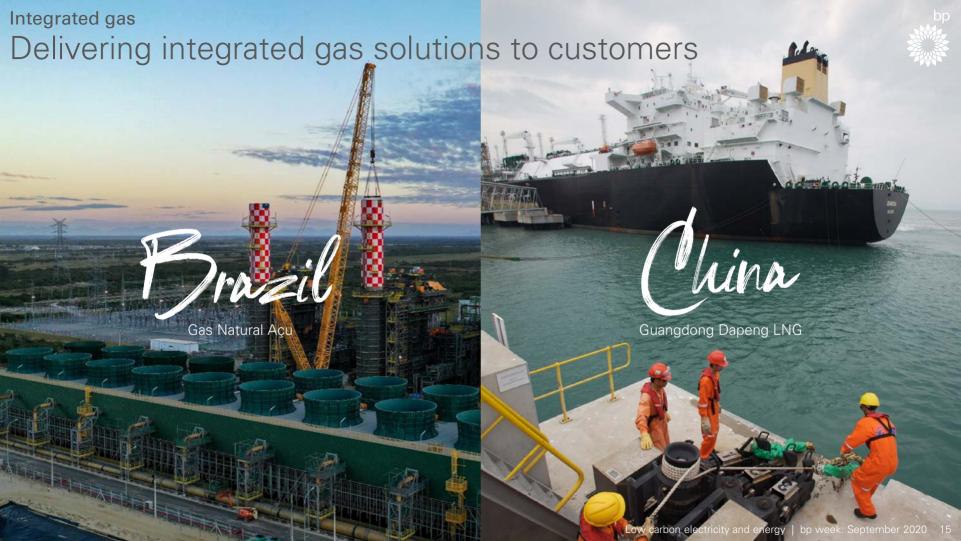
- Merchant LNG
- Equity LNG
- Trading

Downstream customer access



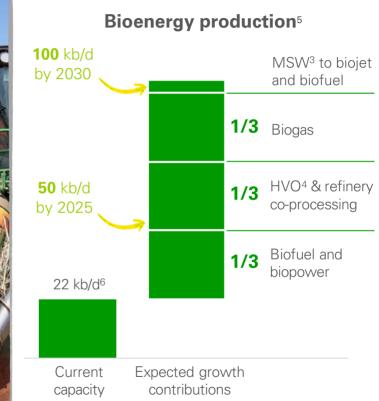
- Downstream markets
- Commercial and industrial offers

bp week! Septe









(1) bp bunge gross ethanol equivalent production capacity and gross biopower export, (2) Largest bio (3) Municipal solid waste: (4) Hydrogenated vegetable oil; (5) bp net (6) Includes bp's 2019 net sugarcane ethanol & biopower production and bp's 2019 refining bio co-processing production

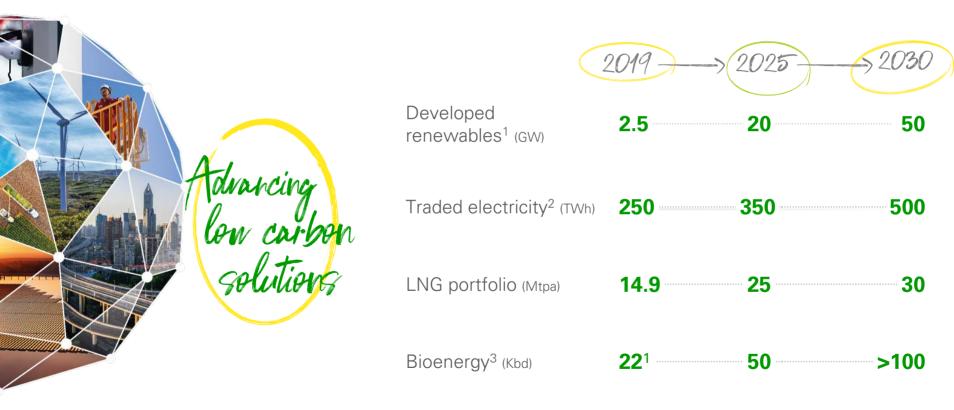
equivalent production for





Low carbon electricity and energy – disciplined growth





Developed to FID

Traded electricity may include electricity sourced from the grid

Includes by's 2019 net equity ethanol equivalent production for sugarcane ethanol & biopower production and bp's 2019 refining bio co-processing production

Low carbon electricity and energy



