



# CAPITAL MARKETS

*Day*

Thriving through  
the energy transition

June 2021

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This document may include forward-looking statements, including, without limitation, regarding future results, namely cash flows, dividends, and shareholder returns; liquidity; capital and operating expenditures; performance levels, operational or environmental goals, targets or commitments and project plans, timing, and outcomes; production rates; developments of Galp's markets; and impacts of the COVID-19 pandemic on Galp's businesses and results; any of which may significantly differ depending on a number of factors, including supply and demand for oil, gas, petroleum products, power and other market factors affecting them; the outcome of government policies and actions, including actions taken to address COVID-19 and to maintain the functioning of national and international economies and markets; the impacts of the COVID-19 pandemic on people and economies; the impact of Galp's actions to protect the health and safety of its employees, customers, suppliers and communities; actions of Galp's competitors and commercial counterparties; the ability to access short- and long-term debt markets on a timely and affordable basis; the actions of consumers; other legal and political factors, including changes in law and regulations and obtaining necessary permits; unexpected operating events or technical difficulties; the outcome of commercial negotiations, including negotiations with governments and private entities; and other factors discussed in Galp's Management Report & Accounts filed with the Portuguese Securities Market Commission (CMVM) for the year ended December 31, 2020 and available on our website at galp.com. This document may also contain statements regarding the perspectives, objectives, and goals of Galp, including with respect to energy transition, carbon intensity reduction or carbon neutrality. An ambition expresses an outcome desired or intended by Galp, it being specified that the means to be deployed may not depend solely on Galp. It is important to note that as of June 2, 2021, Galp's business plans and budgets do not fully reflect Galp's Net Zero Emissions target. Galp aims that, in the future, its business plans and budgets will progressively change to reflect in full this movement towards its Net Zero Emissions target. All statements other than statements of historical facts are, or may be deemed to be, forward-looking statements. Forward-looking statements express future expectations that are based on management's expectations and assumptions as of the date they are disclosed and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in such those statements. Accordingly, neither Galp nor any other person can assure that its future results, performance or events will meet those expectations, nor assume any responsibility for the accuracy and completeness of the forward-looking statements. Forward-looking statements include, among other things, statements concerning the potential exposure of Galp to market risks and statements expressing management's expectations, beliefs, estimates, forecasts, projections, and assumptions. These forward-looking statements may generally be identified by the use of the future, gerund or conditional tense or the use of terms and phrases such as "aim", "ambition", "anticipate", "believe", "consider", "could", "develop", "envision", "estimate", "expect", "goals", "intend", "may", "objectives", "outlook", "plan", "potential", "probably", "project", "pursue", "risks", "schedule", "seek", "should", "target", "think", "will" or the negative of these terms and similar terminology.

Financial information by business segment is reported in accordance with the Galp's management reporting policies and shows internal segment information that is used to manage and measure the Group's performance. In addition to IFRS measures, certain alternative performance measures are presented, such as performance measures adjusted for special items (adjusted operational cash flow, adjusted earnings before interest, taxes, depreciation and amortisation, adjusted earnings before interest and taxes, and adjusted net income), return on equity (ROE), return on average capital employed (ROACE), investment return rate (IRR), equity investment return rate (eIRR), gearing ratio, cash flow from operations and free cash flow. These indicators are meant to facilitate the analysis of the financial performance of Galp and comparison of results and cash flow among periods. In addition, the results are also measured in accordance with the replacement cost method, adjusted for special items. This method is used to assess the performance of each business segment and facilitate the comparability of the segments' performance with those of its competitors. This document also contains non-financial performance indicators, including a carbon intensity indicator for energy products sold by Galp, that measures the amount of greenhouse gas emissions of those products, from their production to their end use, per unit of energy delivered. This indicator covers the direct GHG emissions of production and processing facilities (scope 1) and their indirect emissions associated with energy purchased (scope 2), as well as the emissions associated with the use of products by Galp's costumers (scope 3). The same emissions are considered for products purchased from third parties and sold or transformed by Galp. For a complete definition of scopes 1, 2 and 3 and the methodology used by Galp for this indicator please refer to Galp's website at galp.com. This document may include data and information from sources that are publicly available. This document may also include data and information provided by third parties, including Wood Mackenzie, Rystad and market analysts, which are not publicly available. Such data and information should not be interpreted as advice and you should not rely on it for any purpose. You may not copy or use this data and information except as expressly permitted by those third parties in writing. To the fullest extent permitted by law, those third parties accept no responsibility for your use of such data and information except as specified in a written agreement you may have entered into with those third parties for the provision of such data and information.

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01

# Strategy Refresh

# Upcoming decade of deep transformation

accelerating towards a cleaner future

2021

Social and regulatory pressure accelerating the **decarbonisation** pace

Growing share of electricity with expected significant **increase in EV sales**

**Solar and wind** becoming a relevant energy source for power generation

**Green/blue H<sub>2</sub>** gaining momentum with viable options emerging

EU setting the strategic ambition to build an integrated **Li-ion battery** value chain

Significant **decrease in oil demand in Europe**, leading to a wave of refinery rationalisation

2030

**More electrified global energy mix**, although Oil & Gas maintain a crucial role

▶ **Strategy with a purpose**  
for a truly sustainable path



**Let's regenerate the future together!**

**Reshape  
Portfolio**

**Refresh  
Relations**

**Reenergise  
People**

# Key business pillars

built upon solid foundations



## Upstream Growth

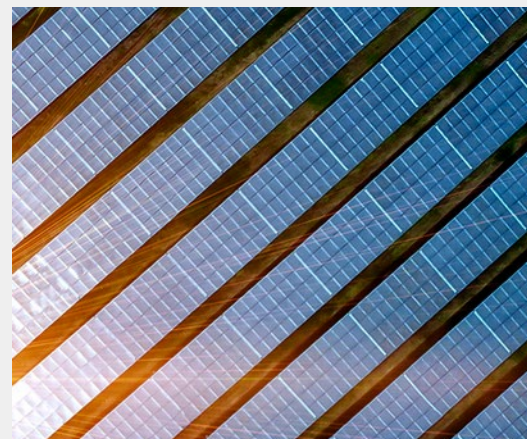
Unique high-quality cash generative projects



## Downstream Transformation

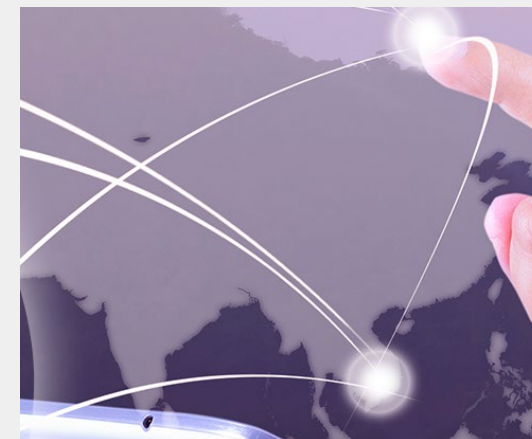
Commercial | Industrial & Energy Management

Opportunity to transform and extract more value from strong asset base



## Renewables Growth

Expand our portfolio to deliver continued growth



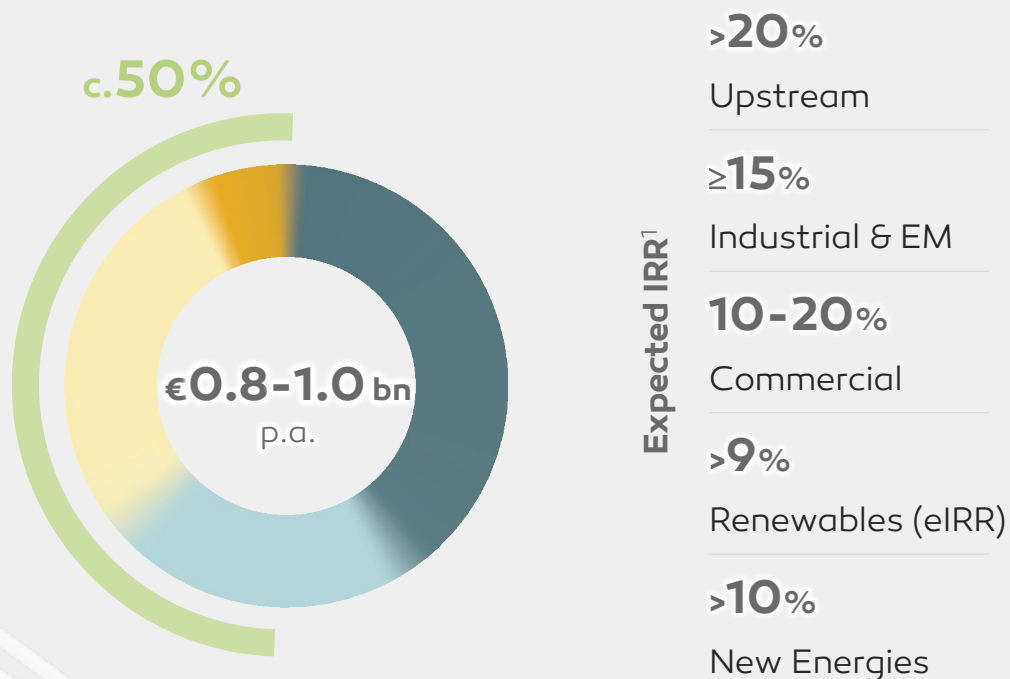
## New Energies

Develop future options & value pools leveraging on existing portfolio and skills

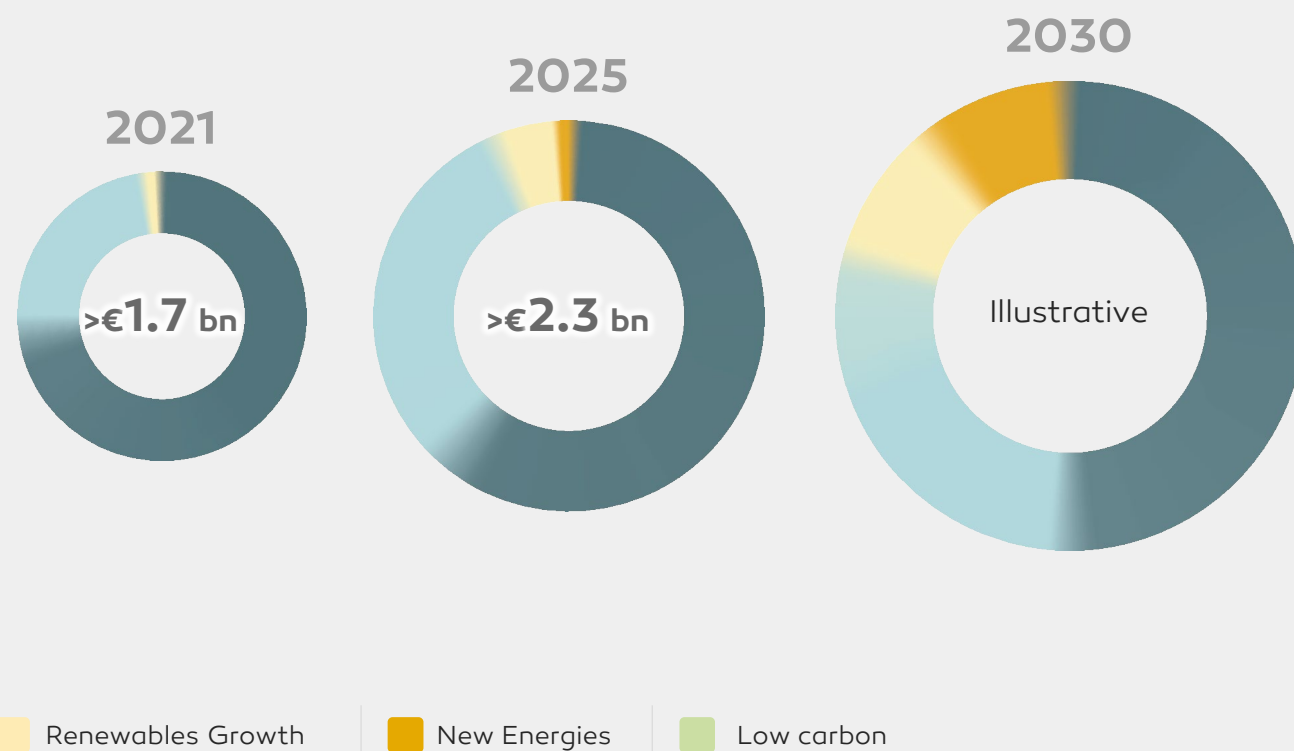
# Reshaping portfolio

to thrive through the energy transition

## Net Capex 2021-25



## Adjusted Operational Cash Flow (OCF)<sup>2</sup>



# Clear capital allocation

to support a value driven growth story



Maintaining **Net Debt/Ebitda at c.1.0x**

## 01 Net Capex

**€0.8-1.0 bn p.a.**

2021-25 average

(2021 maintained at €0.5-0.7 bn)

**-20%** vs previous plan

## 02 Shareholder distributions

Base dividend  
annual cash dividend

**€0.5/share**  
paid semi-annually

+

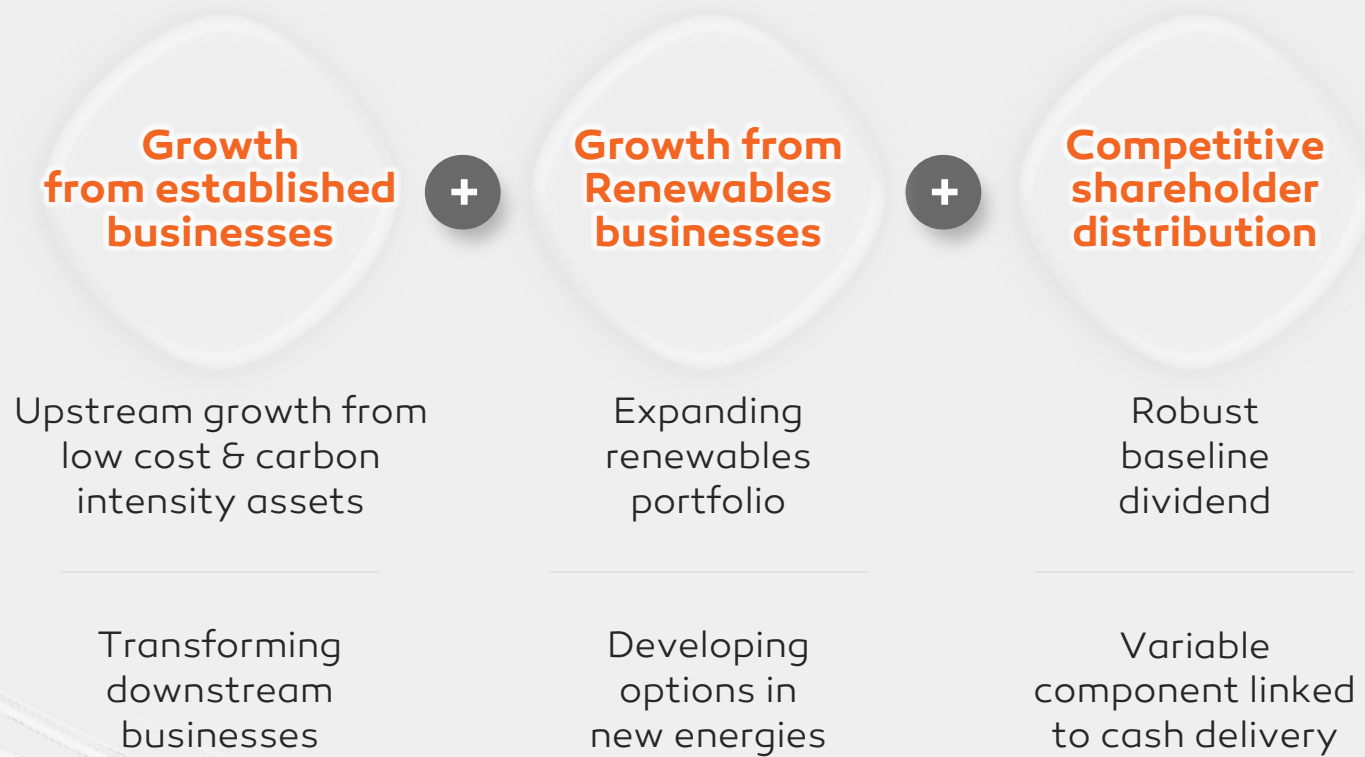
Variable distributions  
subject to

**<1.0x ND/Ebitda<sup>1</sup>**  
paid once a year

Total distributions up to **1/3 CFFO<sup>2</sup>**

# Distinctive investment proposition

combining sustainable growth and value



**c.35%**

2021-25 OCF growth

**>35%**

Current market value<sup>1</sup>  
distributed 2021-25

Progressive decarbonisation towards **Net Zero by 2050**

An aerial photograph of ocean waves with white foam, overlaid with a large teal circle. Inside the circle, the number '02' is displayed in teal.

02

# Upstream Growth

# Upstream: value focused growth proposition

from a low breakeven cash contributor



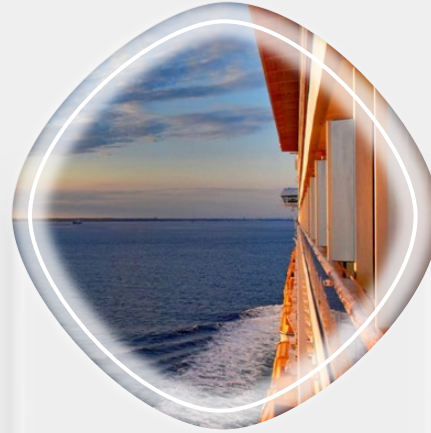
## Growth

Continue to deliver  
peer leading  
production increase



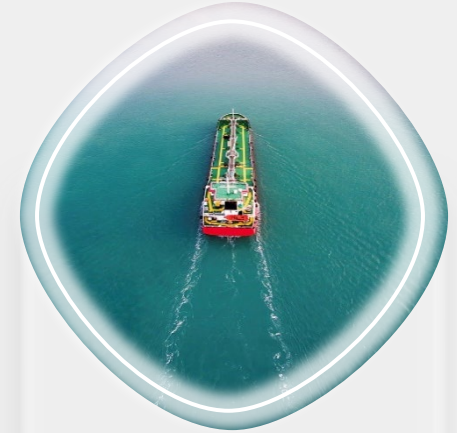
## Resilience

Top tier low cost &  
low carbon intensity  
portfolio



## High-return developments

Focused value  
maximisation from  
core projects



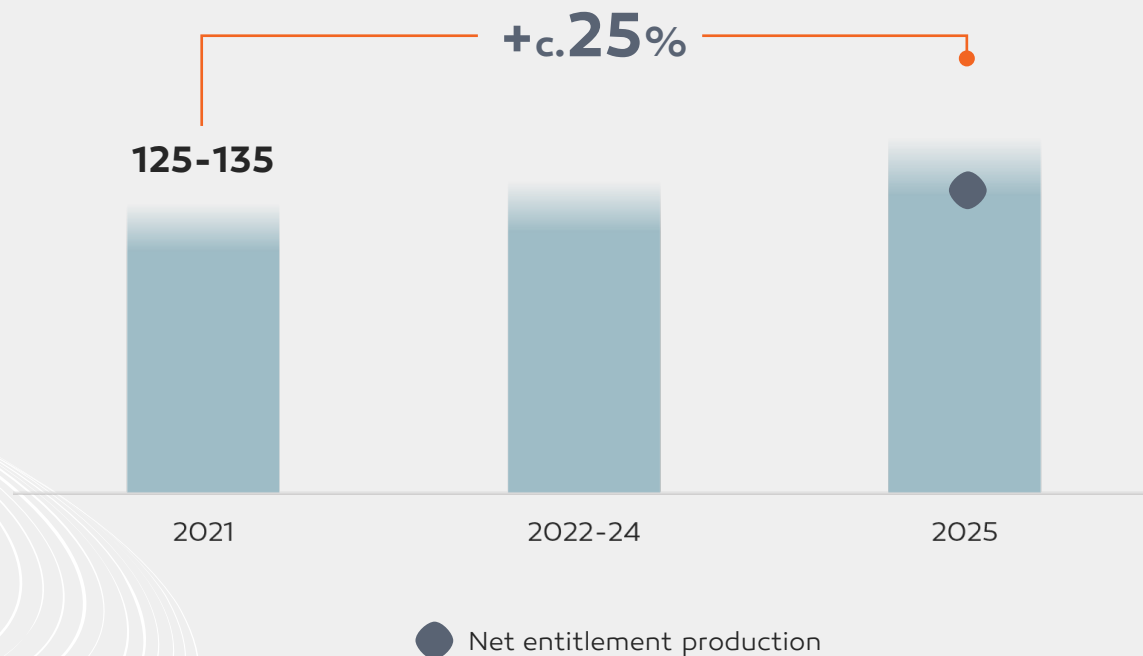
## Value options

Manage portfolio  
for value

# Delivering unique upstream growth

whilst developing further value options

## WI Production from sanctioned projects (kboepd)



**2025 +**  
Further growth options

**<\$3/boe**

Production costs

**>20%**

IRR new developments<sup>1</sup>

**c.€6 bn**

2021-25 OCF accumulated

# ▶ Leading Upstream profitability and carbon intensity

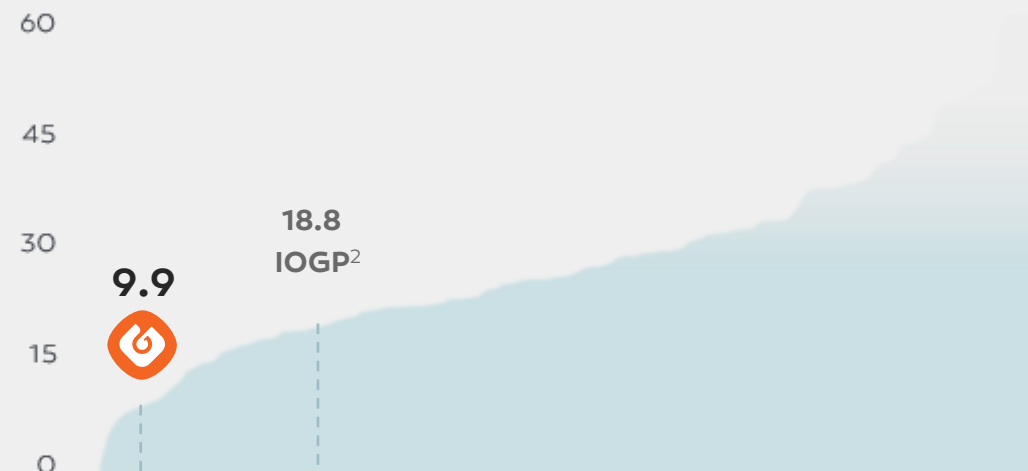
allowing top portfolio competitiveness and longevity

## New developments breakeven \$/bbl



Source: Rystad<sup>1</sup>; Galp's internal NPV<sub>10</sub> portfolio breakeven

## Industry carbon intensity kgCO<sub>2</sub>e/boe



Source: Wood Mackenzie companies benchmark; IOGP; Galp's 2020 internal carbon intensity assessment

# Short-term cash engine

with significant value still to be captured

## Tupi & Iracema (Brazil)

> 2 bn boe produced, a small fraction of total recoverable resources

---

Further attractive development opportunities

---

New development plan to enhance value and pursue field life extension



## Other projects

### Berbigão, Sururu and Atapu (Brazil)

Continue fields ramp-up  
Pursue in-field opportunities

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### Sépia (Brazil)

Sépia first oil in 3Q21  
High productivity project with further potential

---

### Blocks 14 & 32 (Angola)

Drive operational excellence  
Evaluate near-field leads

---

### Coral (Mozambique)

FLNG construction and drilling & completion ongoing  
First gas in 2022

# Bacalhau I growth lever

one of the most attractive projects in the industry

## Recent Final Investment Decision for Phase I

220 kbpd FPSO, one of the largest and most technologically advanced



**c.\$8 bn**

Total investment  
(100% basis – Galp's stake 20%)

**+40 kbpd**

WI production at  
plateau (net to Galp)

**2024 (2H)**

First oil expected date

**<\$35/bbl**

Highly competitive  
NPV<sub>10</sub> breakeven

**>1 bn bbl**

Recoverable volumes

**c.9 kgCO<sub>2</sub>e/bbl**

Low carbon intensity

# Further high-potential optionality

exploring 2025+ opportunities



## Area 4 | Rovuma LNG (Mozambique)

**One of the most competitive LNG projects worldwide**

Pre-FID activities focused on cost and concept optimisation

Exploring synergies with Area 1

Local security key to unlock development

First gas expected during 2H of the decade

## Exploration activities

**Delivering selected high-potential wells**

### Block 6 (São Tomé and Príncipe)

Prospective wildcat well to be spud in 2021

### C-M-791 (Brazil)

Pre-salt potential play

Well to be spud in 2021/22



03

# Downstream Transformation

# Transforming Commercial business

capturing more value from a differentiated client driven offer



## Strong brand

A leading player in Iberia and selected African markets



## Integrated offer

Enhancing cross and up selling opportunities



## Digitalisation

Integrated approach using digital tools & data analytics



## Client focused

Expanding the customer experience

# Key value levers on Commercial transformation

focused on strong network, digitalisation and electrification



Deliver the energy  
of today and the  
solutions of tomorrow

## Retail network

From legacy service stations to innovative, multi-energy and convenience concepts

>2x

Convenience contribution  
2025 vs 2021

## Electric mobility

Maintaining leading position in Portugal and increase relevance in Spain

c.10 k

Charging points  
in Iberia by 2025

## Electricity

Grow electricity sales through competitive supply basket, x-sell and digital enablers

>2x

2025 vs 2021 sales

## Natural gas

Retain premium position

>1.5x

2025 vs 2021 sales

Decentralised energy

Electric mobility  
solutions

Community



# Commercial: a resilient cash contributor

with business transformation to unlock more value

## OCF generation



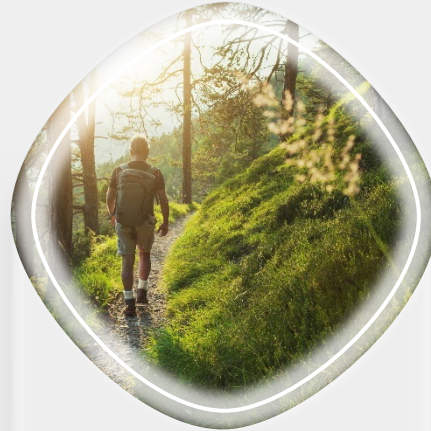
# Industrial & Energy Management: transforming operations

whilst adapting to market trends



## Resilience

Ensure Sines' industrial site competitiveness



## Decarbonisation

Improve energy efficiency and reduce emissions



## Investments

Capital efficient investments, balancing risks & returns

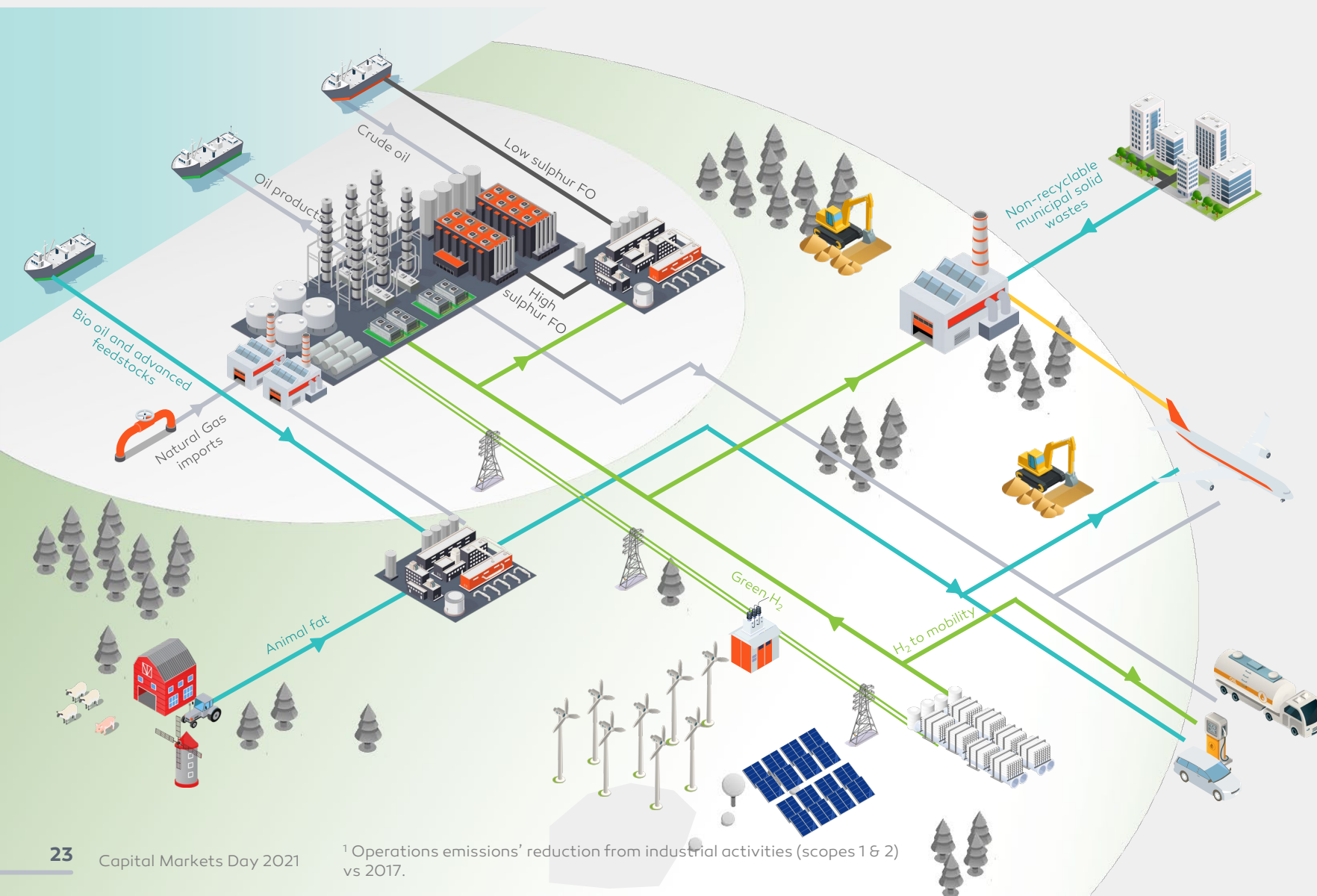


## Energy management

Maximise value across the energy chain

# From a grey refinery to a green energy hub

improving energy efficiency and reducing carbon footprint



2017

## Grey refinery

Concentrating operations in **Sines**

**Energy efficiency** optimisation

Expand advanced **biofuels** production

Enhance crude **sourcing flexibility**

Grow **green H<sub>2</sub>** opportunities

2030

## Green energy hub

**-50%**

operations emissions<sup>1</sup>

# Improve Sines' resilience and sustainability

through selective investments

## Optimise refining efficiency

Low cost improvements with fast time to market

Energy  
efficiency  
initiatives

Predictive  
business  
management

Digitalisation  
and cost  
optimisation

**\$3-4/boe**

Galp refining  
margin<sup>1</sup>

**\$1.7/boe**

Target opex<sup>1</sup>

## Enhance resilience

Evaluating fuel desulphurisation project (20 kbbl/d)

Additional flexibility  
on crude diet  
leveraging margin

Compliance  
with 0.1%  
sulphur specs

Capital efficient  
technology

**<€0.3 bn**

Investment  
over 4 years

**c.15 %**

Expected IRR<sup>2</sup>

**2025 +**

Start up



# Decarbonise Sines' hub

through advanced biofuels

## Integrating HVO production

Developing 270 ktpa of renewable products

Products aligned with future regulation on road and aviation (RED II and CORSIA)

Diversified waste feedstock base, with sourcing strategy under development

Pre-engineering works to consider reuse of Matosinhos equipment



Industrial synergies to support project competitiveness

<€0.2 bn

Investment over 4 years

>15%

Expected IRR

< 2025

Potential start

# Enhancing the role of Energy Management

enabling additional value creation across the energy chain

## Strong asset & client base

Upstream equity  
production growth

NG/LNG contracts  
diversification

Industrial transformation  
and logistic assets

Renewable power business  
scale-up

Advanced biofuels  
integration

Carbon & derivatives  
management

## Value creation levers

Integrated margin & risk  
management

Capture supply & trading  
opportunities

Incorporating low carbon

Bundle multi-energy  
solutions

Support and develop new  
products and services

Optimise value chain  
leveraging 3<sup>rd</sup> parties assets

## Boosting EM

Extract value from existing asset base

Leverage Galp's growth

Open new markets & value chain  
opportunities

Support client offer expansion

>€ **120**<sub>m</sub>

OCF by 2025



04

# Renewables Growth

# Renewables: growing a competitive portfolio

capable to deliver long-term growth



## Expansion

Expand existing portfolio, diversifying geographies and technologies



## Risk management

Adjusting risk profile to market conditions



## Partnerships

Maximising value



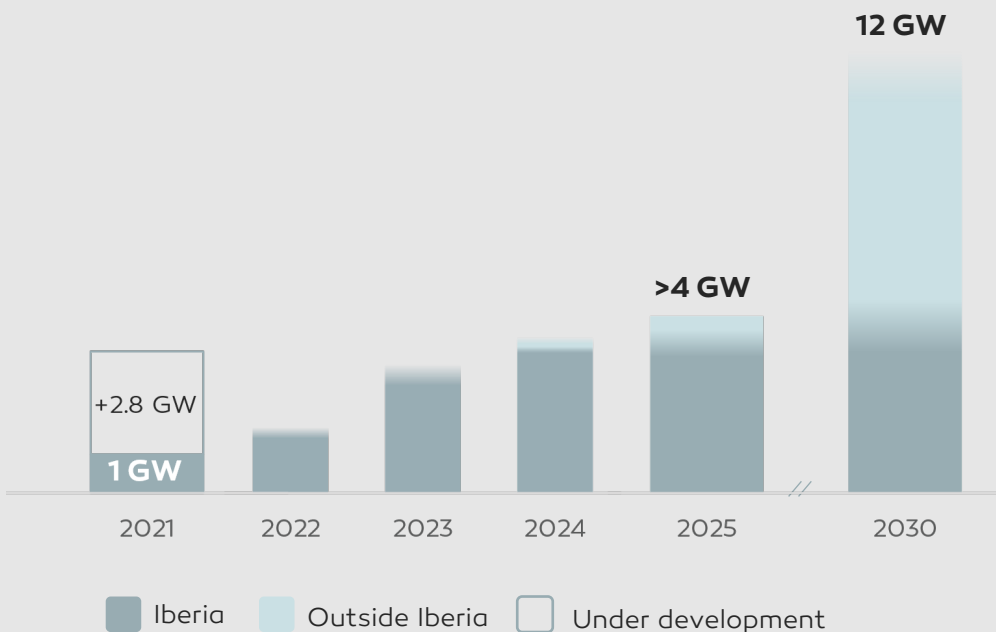
## Integration

Value pools and synergies with other businesses

# Expanding renewable footprint

through a dynamic and flexible business model

## Operating capacity<sup>1</sup>



2025

**>4 GW**

operating capacity<sup>1</sup>

Starting to diversify



Focus on Iberia and selective new markets entry

Solar PV as core whilst integrating other technologies

2030

**12 GW**

operating capacity<sup>1</sup>

Value maximisation and further expansion



Geographical diversification: > 50% outside Iberia

Technology diversification: Solar PV + Wind + Storage

# Balancing risks and returns

whilst delivering sustainable value

## Expected returns



## Business model

Balancing risk exposure

Predominantly **PPA**

Levered capital structure

**60-70%**

Debt weight

Asset rotation and  
partnerships model

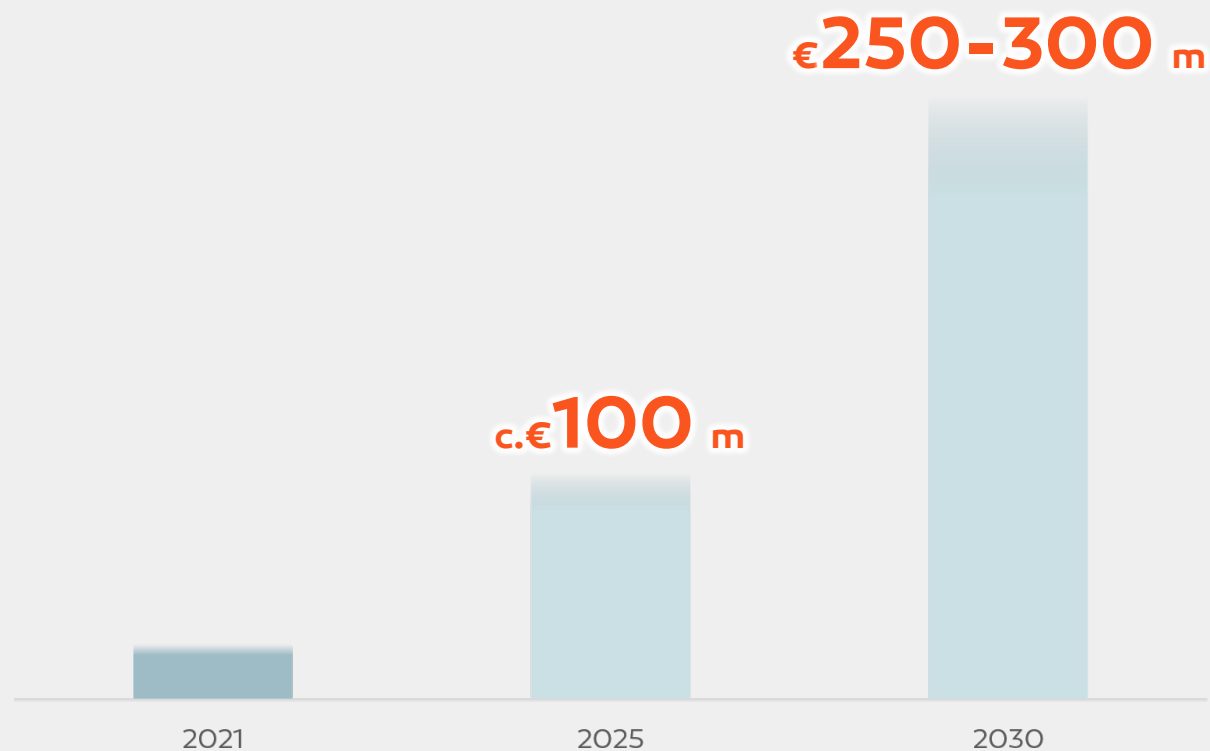
**c.50%**

Project stakes at  
commercial operation date

# Generating profitable growth

with potential to further expand

## OCF generation<sup>1</sup>



Portfolio development based on matured technologies, competitive at market conditions

Capturing enhanced returns from portfolio related value pools

**FCF Positive**  
before 2030



05

# New Energies

# New Energies: developing future options

and value pools with scaling up potential



## Transition

Pursuing projects that fit decarbonisation and electrification trends



## Innovation

Developing innovative solutions based on new technologies



## Scalability

Assessing high potential businesses



## Synergies

Adjacent solutions leveraging industrial skills

# Privileged position to develop green hydrogen solutions

taking advantage of the energy hub's industrial skillset

Green H<sub>2</sub> crucial role in decarbonisation,  
with various use cases becoming  
economic during the decade

Sines perfectly located to be a  
highly competitive H<sub>2</sub> producer

Leveraging integration with industrial site  
and low cost renewable electricity

Replace Sines' grey with green H<sub>2</sub>,  
aligning with RED II regulation, whilst  
reducing emissions

Deploy green H<sub>2</sub> in adjacent segments  
such as mobility, e-fuels and industrial  
applications

Developing a 100 MW electrolyser  
during the 1H of the decade

Pursue first

**100 MW**

**by 2025**

Expanding, throughout  
the decade, to

**0.6 – 1.0 GW**

**as business cases  
are proven**

# Assessing entry into the Li-ion battery value chain

capturing an early mover advantage on this high-potential business

EV adoption driving fast growth in  
Li-ion battery demand

Galp positioned to expand into  
lithium chemical processing in Portugal

EU committed to build a vertically-  
integrated battery industry

Securing feedstock and developing key  
partnerships

Portugal competitive advantages in  
resources, infrastructure, green energy  
and skilled workforce

Exploring further business opportunities  
in the value chain

Pursue first

**25 kton**

LCE production  
capacity<sup>1</sup>

**by 2025**

with potential to  
further expand  
throughout the decade



06

# Decarbonisation Path

# ESG: Actively engaged

and continually improving transparency and performance

## Environment

Defining measurable decarbonisation targets

Promoting eco-efficiency

Protection of water resources and biodiversity

## Social

Safety as a core value

Developing talent and promoting diversity

Positive impact on the communities

## Governance

Balanced BoD independence & diversity

Active risk, audit and sustainability committees

Reinforcing climate and safety pay-for-performance

#1

In Europe

Member of  
**Dow Jones  
Sustainability Indices**

Powered by the S&P Global CSA

**Top 3**  
(AAA)

Out of 30  
Integrated  
O&G

**MSCI**



#4

Out of 51  
Integrated  
O&G

**SUSTAINALYTICS**



# Reinforcing our decarbonisation targets

supported by a reshaped portfolio

## Galp Decarbonisation Roadmap

2030

2050

2017

Industrial reconfiguration

Energy efficiency

Renewable electricity

Low carbon fuels

New energies

Absolute Emissions (Scopes 1 & 2)

**-40%** From operations

Carbon Intensity (Scopes 1, 2 & 3)

**-40%** Production-based approach

**-20%** Downstream sales-based approach

**Net Zero Emissions**

(Scopes 1, 2 & 3)

A modern office interior with large glass windows. Inside, a woman in a blue blazer is standing and talking to a man in a white shirt and orange tie who is sitting at a desk. Another woman is sitting at the desk, facing away from the camera. A man in a blue shirt is walking past the glass wall on the right, blurred. The office has wooden chairs, desks with laptops, and a bright, airy atmosphere.

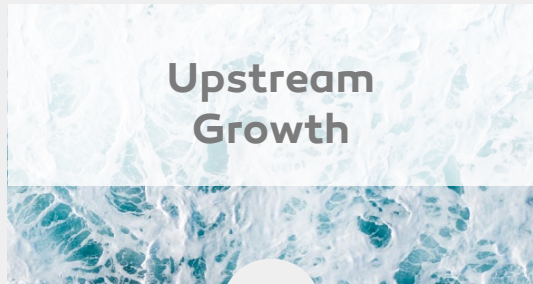
07

# Financial Framework

# From strategy to reporting

Maintaining business units' structure unchanged

## Key business pillars



**Upstream  
Growth**



**Downstream  
Transformation**



**Renewables  
Growth**



**New  
Energies**



### Upstream

Exploration and  
production of oil  
and gas

### Industrial & EM

Refining, biofuels,  
cogeneration,  
logistics and energy  
management  
(including supply &  
trading of oil, gas  
and power)

### Commercial

B2B and B2C  
businesses: oil, gas,  
electricity,  
commercial and  
non-fuel products,  
electric mobility and  
e-mobility solutions

### Renewables & New Energies

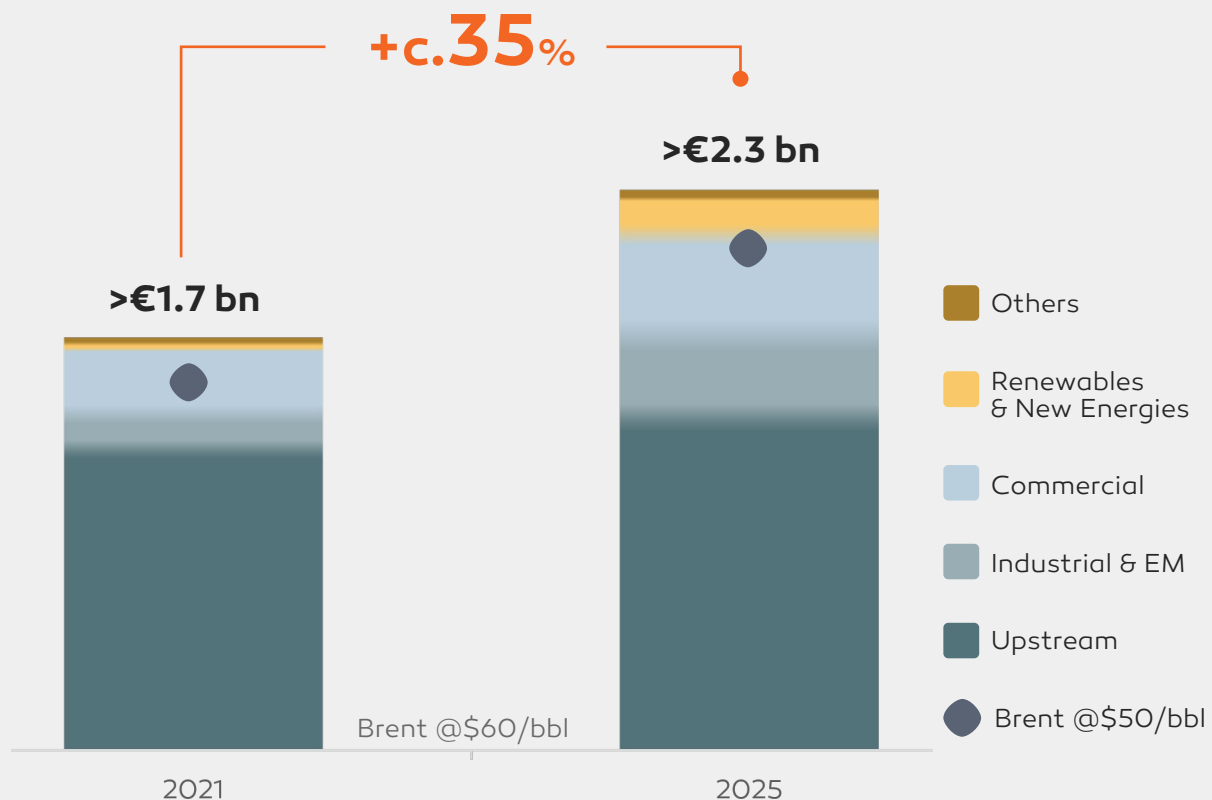
Renewable power generation, new  
energies (including green hydrogen,  
lithium value chain and new businesses)

## Reporting Structure

# Cash generation growth

from a robust and resilient long-term portfolio

## OCF generation<sup>1</sup>



Operational performance driven by Upstream growth and Downstream transformation

Renewables and New Energies gaining relevance by 2025

Group 2021 Ebitda estimated at >€2 bn and increasing to >€3 bn by 2025

# Disciplined investment plan

supporting portfolio reshape and growth

## Net capex

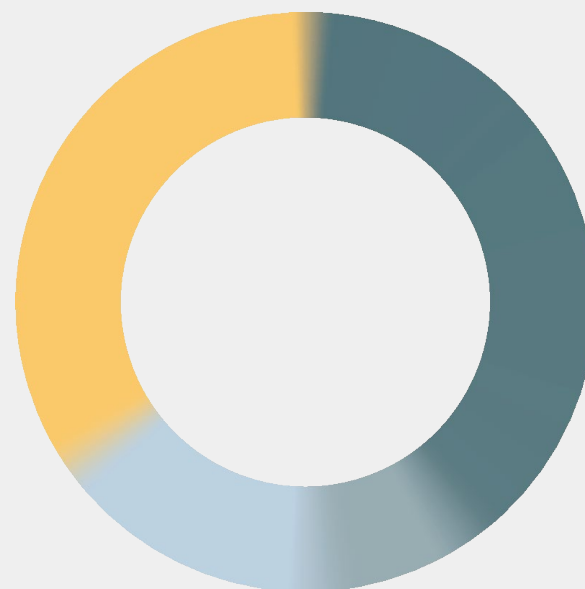
**€0.8-1.0 bn p.a.**

2021-25 average

2021 at €0.5-0.7 bn

**c.20%**

reduction vs previous plan



Focus on high-quality / high-return developments and business transformation

c.50% of net capex allocated towards low carbon

Projects' realignment and cash preservation measures supporting plan adjustment

Asset rotation to control leverage, enhance returns and reshape portfolio

# Upstream: continue to deliver superior value

supported by investment discipline

Cash engine delivering OCF of €1.1-1.3 bn p.a. in 2021-24 and >€1.4 bn by 2025

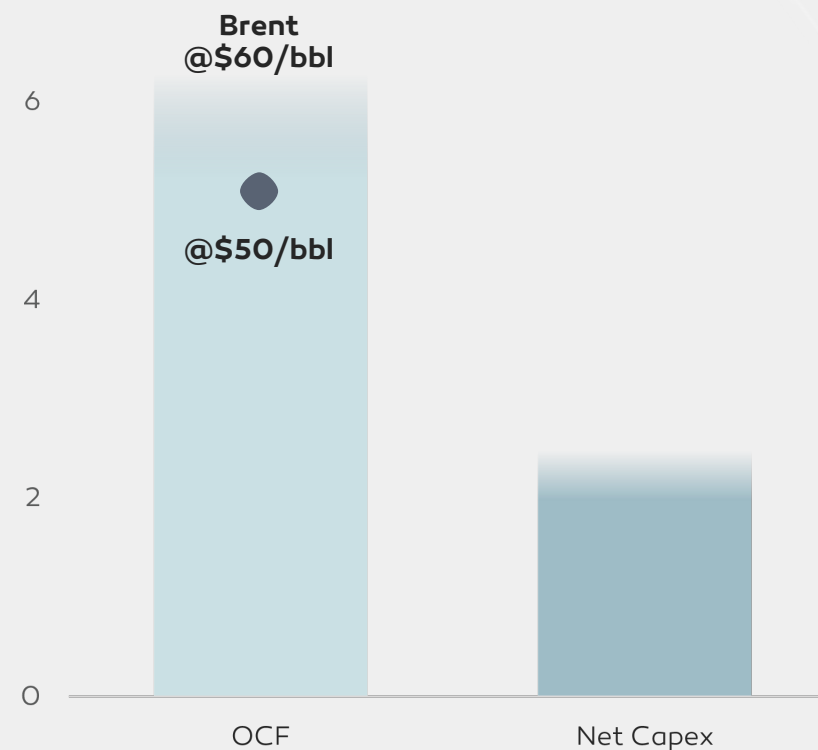
Upstream Ebitda expected at €1.7-1.8 bn p.a. in 2021-24 and >€2.0 bn by 2025

Significant net capex reduction with no material contribution from Rovuma LNG given current uncertainty

Portfolio management to support net capex flexibility

## Sources & Uses

2021-25 accumulated (€bn)



## Commercial: strong cash contributor

supported by the ongoing transformation

OCF to increase from c.€300 m in 2021 to c.€400 m by 2025, with low carbon contributing >40%

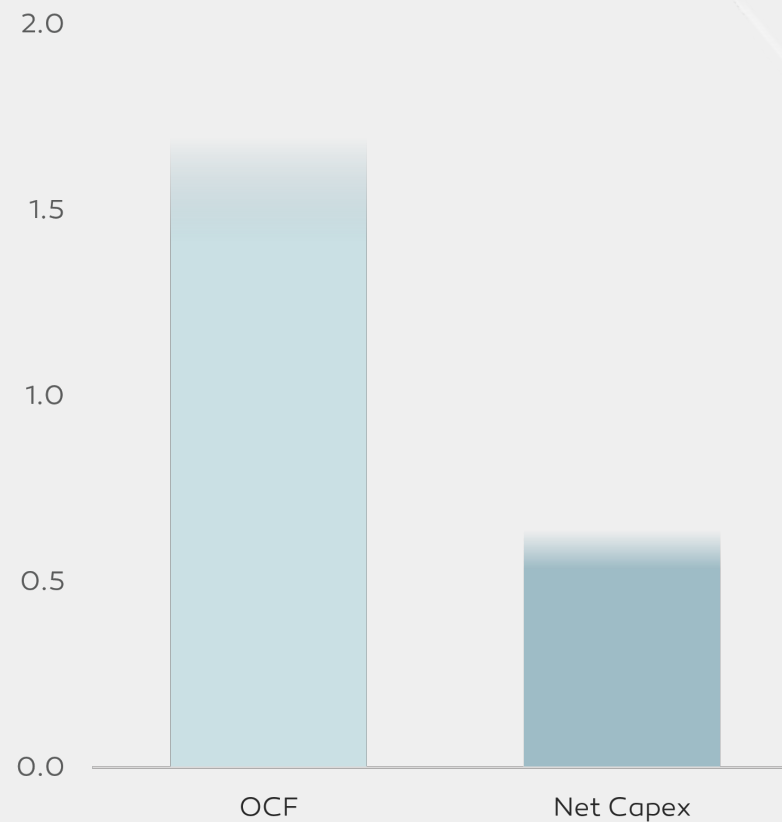
Commercial 2021 Ebitda expected at €300-350 m and over €450 m by 2025

75% of capex focused on transformation projects with short time to market

Electric mobility and non-fuel offering to play an increasingly important role

### Sources & Uses

2021-25 accumulated (€bn)



# Industrial & Energy Management: transformation plan

to increase resilience and offer low carbon products

OCF growing from  
€100 – 150 m in 2021 to  
>€350 m by 2025, o.w. EM  
>€120 m

2021 Ebitda of c.€100 m,  
recovering to c.€200 m  
afterwards

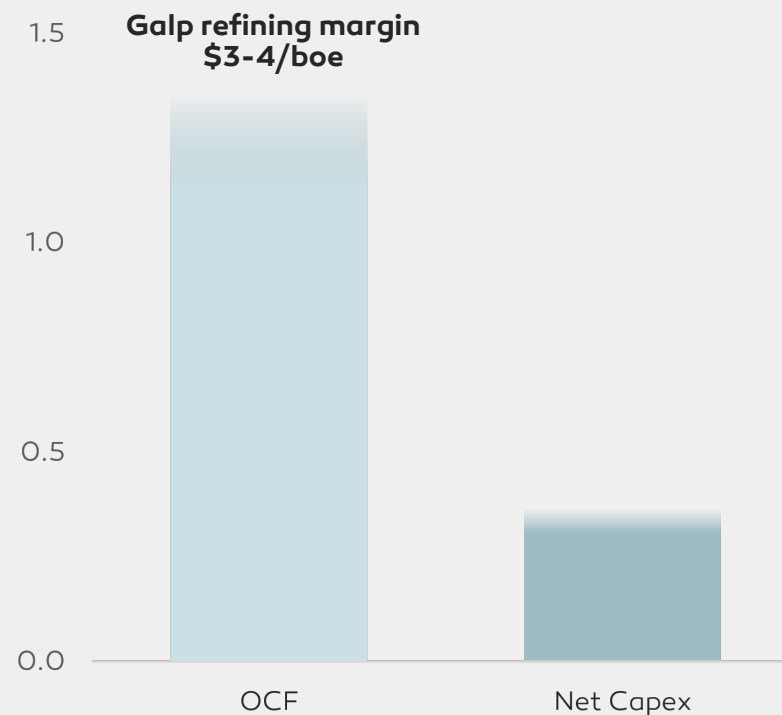
Ebitda of c.€400 m by 2025,  
with low carbon projects  
contributing with 15%

70% of capex during the  
period allocated to business  
transformation

Capital efficient investments  
to enhance competitiveness,  
with additional opportunities  
from partnerships

## Sources & Uses

2021-25 accumulated (€bn)



# Renewables & New Energies: expanding renewables portfolio

whilst developing upcoming energies

Maintaining deconsolidated business model

Renewables pro-forma OCF increasing up to c.€100 m by 2025

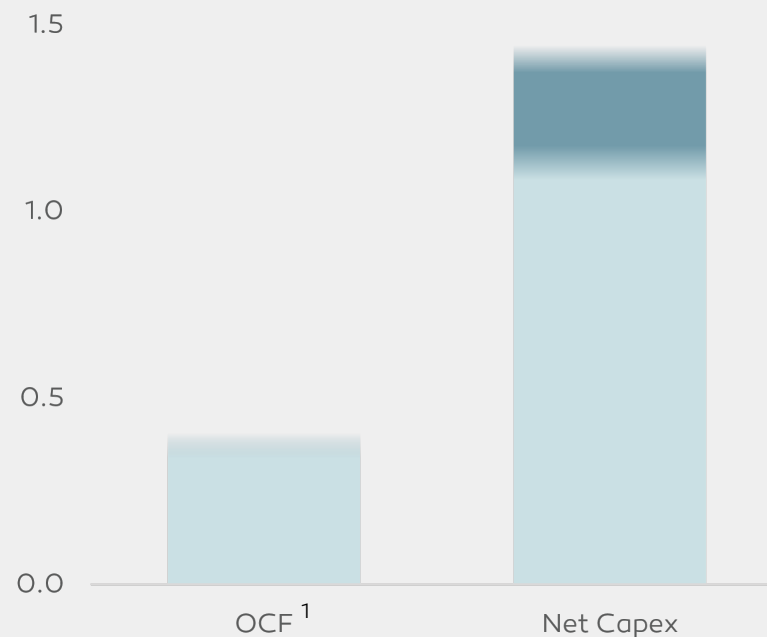
Renewables pro-forma Ebitda expected to reach c.€120 m by 2025

Developing 3.8 GW and investing for significant growth, with asset rotation to support investment plan and returns

New Energies accounting for c.5% of the Group's net capex during the period

## Sources & Uses

2021-25 accumulated (€bn)



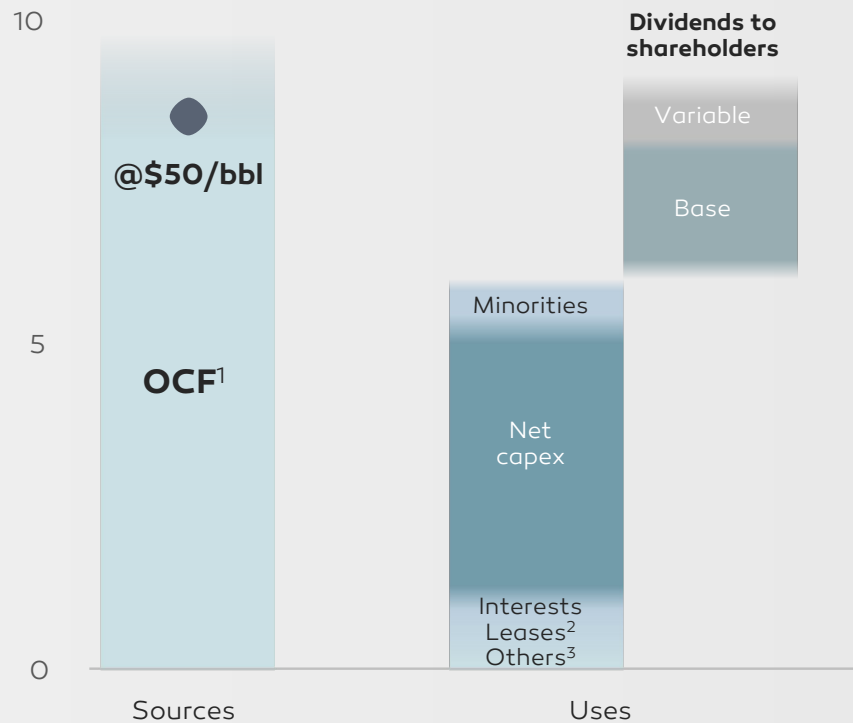
Renewables New Energies

# Robust financial framework

to drive sustainable growth throughout the decade

## Group Sources & Uses

2021-25 accumulated (€bn)



### Resilient cash delivery

**\$20/bbl**

2021-25 Brent FCF neutrality

### Solid financial position

**1.0x Net debt/Ebitda<sup>4</sup>**

Target leverage

### Portfolio management and

**asset rotation**

to crystallise value and support capex plan

### Competitive dividends

**up to 1/3 CFFO<sup>5</sup>**

Base + variable distributions



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# Concluding Remarks

# Thriving through the energy transition

delivering growth and shareholder value whilst reshaping portfolio

**Accelerating  
decarbonisation**

**Highly resilient  
and value  
driven growth**

**Competitive  
shareholder  
returns**

**Robust  
financial  
position**

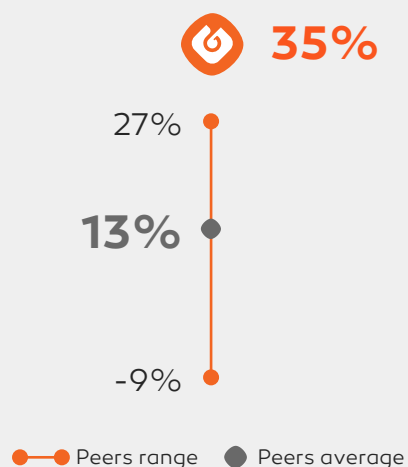
Ensuring  
**sustainable long-term value creation**

# Distinctive investment case in the industry

superior growth from capital light asset base ensuring competitive distributions

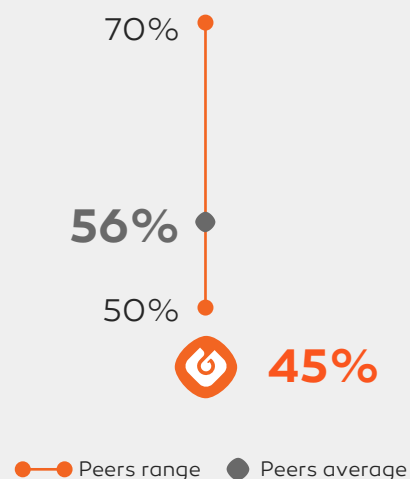
## Delivering superior growth...

OCF increase  
2021-25



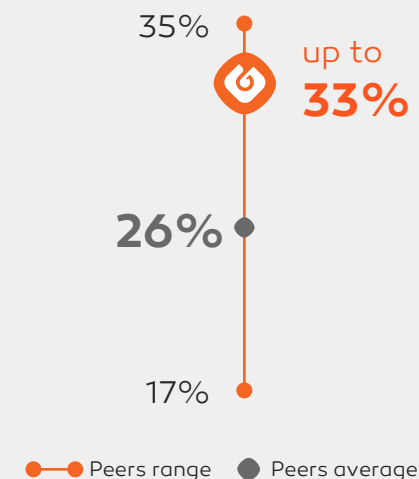
## ... from low capital intensive plan...

Net capex/CFFO  
2021-25



## ... driving to superior distribution

Distributions/CFFO  
2021-25



A person in winter gear is ice skating on a vast, frozen body of water. The sun is low on the horizon, creating a warm orange glow and reflecting on the wet ice. The scene is framed by large, overlapping semi-transparent circles.

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# Appendix

# Macro assumptions

## and sensitivities

Macro assumptions	2021 - 2025E
Brent price	\$60/bbl
Galp refining margin	€3.0 – 4.0/boe
EUR:USD	1.20

Sensitivities (€ m)	Change	Ebitda 2021 – 25E	OCF 2021 – 25E	FCF <sup>1</sup> 2021 – 25E
Brent price	\$5/bbl	160-180	80-100	60-80
Galp refining margin	\$1/boe	65-75	50-70	50-70
EUR:USD	0.05	80-100	50-60	20-40

# Key guidance

Corporate	2021	2021-25
<b>Ebitda</b>	>€2.0 bn	>€3.0 bn by 2025
<b>OCF<sup>1</sup></b>	>€1.7 bn	>€2.3 bn by 2025 c.35% growth
<b>Net Capex</b>	€0.5 – 0.7 bn	€0.8-1.0 bn p.a.

## Upstream

### Operational

2021 Production: 125-135 kboepd  
2021-25 Production growth: c.25%  
Production costs: <\$3/boe

### Financial

Ebitda 2021-24: €1.7–1.8 bn p.a.  
Ebitda 2025: >€2.0 bn by 2025  
OCF 2021-24: €1.1–1.3 bn p.a.  
OCF 2025: >€1.4 bn  
2021-25 OCF accumulated: c.€6 bn

## Commercial

### Operational

Convenience contribution: >2x (2025 vs 2021)  
2025 Charging points: c.10 k  
Electricity sales: >2x (2025 vs 2021)  
NG sales: >1.5x (2025 vs 2021)

### Financial

Ebitda 2021: €300–350 m  
Ebitda 2025: >€450 m  
OCF 2021: c.€300 m  
OCF 2025: c.€400 m

## Industrial & EM

### Operational

Target refining opex: \$1.7/boe

### Financial

Ebitda 2021: c.€100 m  
Ebitda after 2021: c.€200 m  
Ebitda 2025: c.€400 m  
OCF 2021: €100–150 m  
OCF 2025: >€350 m, o.w. EM >€120 m

## Renewables

### Operational

2025 Gross oper. capacity: > 4GW  
2030 Gross oper. capacity: 12 GW  
Average stake: c.50%

### Financial

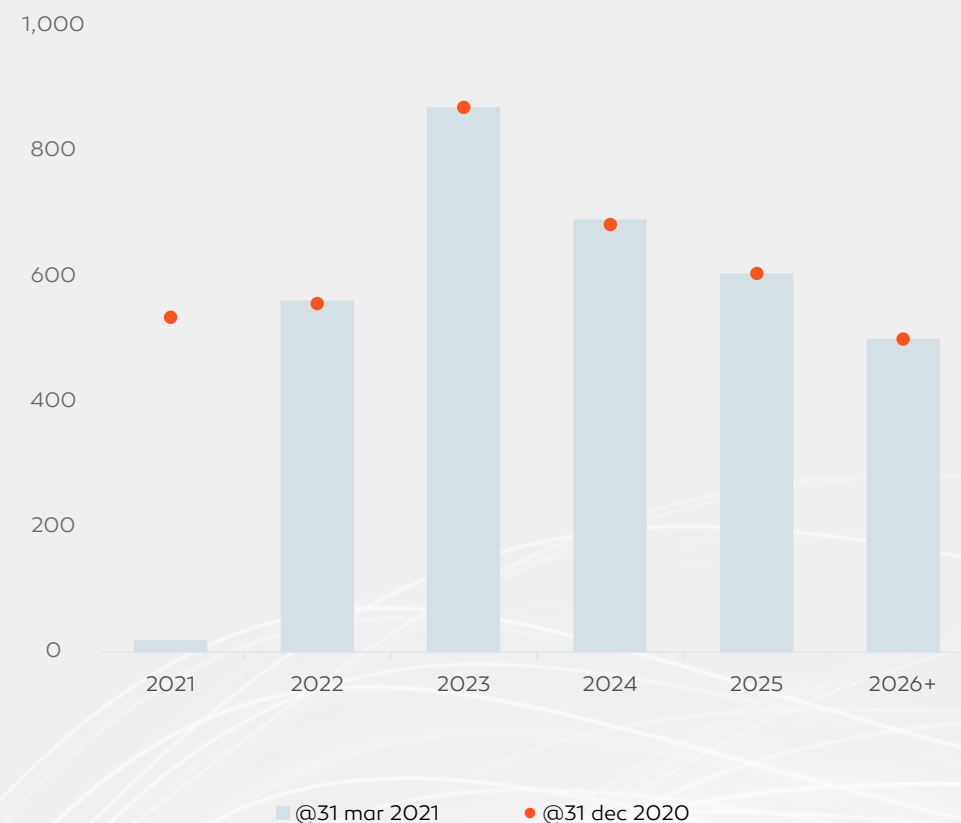
Pro-forma Ebitda 2025: c.€120 m  
Pro-forma OCF 2025: c.€100 m  
Pro-forma OCF 2030: €250-300 m

# Debt indicators

## Debt Indicators

(€m)	31 Dec., 2020	31 Mar., 2021
Cash and cash equivalents	1,678	1,739
Undrawn credit facilities	1,262	1,263
Gross debt	3,743	3,291
Average funding cost	1.7%	1.5%
<b>Net debt</b>	<b>2,066</b>	<b>1,552</b>
Leases (IFRS 16)	1,089	1,125
<b>Net debt to RCA Ebitda</b>	<b>1.5x</b>	<b>1.1x</b>
% Debt at fixed rate	48%	40%

## Debt reimbursement (€m)



# Upstream & Renewables Portfolios

## Upstream Projects

### Brazil

BM-S-11 Tupi	9.2%
BM-S-11 Iracema	10%
BM-S-11A Berbigão	10% <sup>1</sup>
BM-S-11A Sururu	10% <sup>1</sup>
BM-S-11A Atapu	1.7%
BM-S-8 Bacalhau	20%
Bacalhau North	20%
BM-S-8 Guanxuma	20%
Sépia	2.4%
BM-S-24 Júpter	20%
Uirapuru	14%
C-M-791	20%

### Angola

Block 14 BBLT TL Kuito	9%
Block 14k Lianzi	4.5%
Block 32 Kaombo	5%

### Mozambique

Area 4 Coral I Rovuma LNG	10%
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### São Tomé and Príncipe

Block 6	45% <sup>2</sup>
Block 11	20%
Block 12	41.2%

### Namibia

PEL 82	40% <sup>2</sup>
PEL 83	80% <sup>2</sup>

## Reserves

### 2020

Reserves 1P (mboe)	385
Reserves 2P (mboe)	700
Reserves 1C (mboe)	525
Reserves 2C (mboe)	1,720
Total 2P and 2C Resources (mboe)	2,420

## Renewables Projects

(GW)	Operating	Under Construction / Development	Total
<b>Gross renewable capacity</b>	<b>926</b>	<b>2,882</b>	<b>3,808</b>
Spain	914	2,387	3,301
Portugal	12	495	507
<b>Equity to Galp</b>	<b>692</b>	<b>2,250</b>	<b>2,941</b>
Spain	686	1,899	2,584
Portugal	6	351	357

# Carbon-related targets

## Metrics and methodology

Metric	Methodology	2017	2030	2050
<b>Absolute Emissions' reduction</b> from operations	Emissions related to <b>Galp's operations</b> (scopes 1 & 2)	<b>c.4</b> mtonCO <sub>2</sub> e (Sc. 1 & 2)	<b>-40%</b>	
<b>Carbon Intensity</b>				
<b>Production-based approach</b>	<div> Emissions from <b>operations</b> (scopes 1 &amp; 2) + emissions from <b>use of Upstream products</b> (oil &amp; gas; scope 3) </div> <hr/> <div> Energy <b>produced by Galp</b> (Upstream oil &amp; gas, power generation)<sup>1</sup> </div>	<b>93</b> gCO <sub>2</sub> e/MJ	<b>-40%</b>	<b>Net Zero Emissions</b>
<b>Downstream sales-based approach</b>	<div> Emissions from <b>operations</b> (scopes 1 &amp; 2) + lifecycle emissions from <b>products sold by Galp</b> (oil products, gas &amp; power; scope 3) </div> <hr/> <div> Energy of <b>all products sold</b> by Galp </div>	<b>76</b> gCO <sub>2</sub> e/MJ	<b>-20%</b>	

# Acronyms

<b>\$ (or USD)</b>	Dollar	<b>Ebitda</b>	Earnings before interest and taxes, depreciation and amortisation	<b>m</b>	Million
<b>%</b>	Percentage	<b>eIRR</b>	Equity Internal Rate of Return	<b>mboe</b>	Million barrels of oil equivalent
<b>&amp;</b>	And	<b>EM</b>	Energy Management	<b>MJ</b>	Megajoules
<b>@</b>	At	<b>ESG</b>	Environmental, Social and Governance	<b>MSCI</b>	Morgan Stanley Capital International
<b>€ (or EUR)</b>	Euro	<b>EU</b>	European Union	<b>mton</b>	Million tonnes
<b>+</b>	Plus	<b>EV</b>	Electric vehicle	<b>MW</b>	Megawatt
<b>&lt;</b>	Below	<b>FCF</b>	Free Cash Flow	<b>MWh</b>	Megawatt-hour
<b>&gt;</b>	Above	<b>FID</b>	Final Investment Decision	<b>n</b>	Number
<b>1C; 2C</b>	Contingent resources	<b>FLNG</b>	Floating Liquefied Natural Gas	<b>ND</b>	Net debt
<b>1P</b>	Proved reserves	<b>FPSO</b>	Floating Production Storage and Offloading	<b>NG</b>	Natural Gas
<b>2H</b>	Second Half	<b>g</b>	grams	<b>NPV</b>	Net Present Value
<b>2P</b>	Proved and probable reserves	<b>GW</b>	Gigawatt	<b>O&amp;G</b>	Oil and Gas
<b>Adj. OCF (or OCF)</b>	Adjusted Operational Cash Flow (RCA Ebitda + Dividends from Associates – Taxes paid)	<b>H</b>	Half	<b>o.w.</b>	of which
<b>B2B</b>	Business to Business	<b>H<sub>2</sub></b>	Hydrogen	<b>Oper.</b>	Operating
<b>B2C</b>	Business to Consumer	<b>HVO</b>	Hydrotreated Vegetable Oil	<b>Opex</b>	Operational expenditure
<b>bbl</b>	Barrel	<b>IFRS</b>	International Financial Reporting Standards	<b>p.a.</b>	Per annum
<b>BBLT</b>	Benguela, Belize, Lobito, and Tomboco	<b>IOGP</b>	The International Association of Oil & Gas Producers	<b>PEL</b>	Petroleum Exploration Licences
<b>bn</b>	Billion	<b>IRR</b>	Internal Rate of Return	<b>PPA</b>	Power Purchase Agreement
<b>BoD</b>	Board of Directors	<b>k</b>	Thousand	<b>PV</b>	Photovoltaic
<b>boe</b>	Barrel of oil equivalent	<b>kbbbl/d</b>	Thousand barrels per day	<b>Q</b>	Quarter
<b>c.</b>	Circa	<b>kboepd</b>	Thousand barrels of oil equivalent per day	<b>RCA</b>	Replacement Cost Adjusted
<b>Capex</b>	Capital expenditure	<b>kbpd</b>	Thousand barrels of oil per day	<b>RED II</b>	Renewable Energy Directive II
<b>CFFO</b>	Cash Flow from Operations	<b>kg</b>	kilogram	<b>RT2020</b>	2020 Real terms
<b>CO<sub>2</sub></b>	Carbon dioxide	<b>kton</b>	Thousand tonnes	<b>Sc.</b>	Scope
<b>CO<sub>2</sub>e</b>	Carbon dioxide equivalent	<b>ktpa</b>	Thousand tonnes per annum	<b>vs</b>	Versus
<b>CORSIA</b>	Carbon Offset and Reduction Scheme for International Aviation International	<b>LCE</b>	Lithium Carbonate Equivalent	<b>WI</b>	Working Interest
<b>d</b>	Day	<b>Li</b>	Lithium	<b>x</b>	Times
<b>E</b>	Estimated	<b>LNG</b>	Liquefied Natural Gas	<b>x-sell</b>	Cross-selling



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