Investor Update

March 2023

Stepping up the Transition

Driving growth and value

The Repsol Commitment
Net Zero Emissions
by 2050

Disclaimer

This document contains information and statements that constitute forward-looking statements about Repsol. Such estimates or projections may include statements about current plans, objectives and expectations, including statements regarding trends affecting Repsol's financial condition, financial ratios, operating results, business, strategy, geographic concentration, production volumes and reserves, capital expenditures, cost savings, investments and dividend policies. Such estimates or projections may also include assumptions about future economic or other conditions, such as future crude oil or other prices, refining or marketing margins and exchange rates. Forward-looking statements are generally identified by the use of terms such as "expects," "anticipates," "forecasts," "believes," "estimates," "appreciates" and similar expressions. Such statements are not guarantees of future performance, prices, margins, exchange rates or any other event, and are subject to significant risks, uncertainties, changes and other factors that may be beyond Repsol's control or may be difficult to predict. Such risks and uncertainties include those factors and circumstances identified in the communications and documents filed by Repsol and its subsidiaries with the Comisión Nacional del Mercado de Valores in Spain and with the other supervisory authorities of the markets in which the securities issued by Repsol and/or its subsidiaries are traded. Except to the extent required by applicable law, Repsol assumes no obligation - even when new information is published, or new facts are produced - to publicly report the updating or revision of these forward-looking statements.

This document mentions resources which do not constitute proved reserves and will be recognized as such when they comply with the formal conditions required by the system “SPE/WPC/AAPG/SPEE Petroleum Resources Management System” (SPE-PRMS) (SPE – Society of Pretroleum Engineers).

In October 2015, the European Securities Markets Authority (ESMA) published its Guidelines on Alternative Performance Measures (APMs). The guidelines apply to regulated information published on or after 3 July 2016. The information and breakdowns relative to the APMs used in this presentation are updated quarterly on Repsol´s website.

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The information contained in the document has not been verified or revised by the Auditors of Repsol.

Multi-energy provider

550 Kboe/d

Production

1,909 Mbep

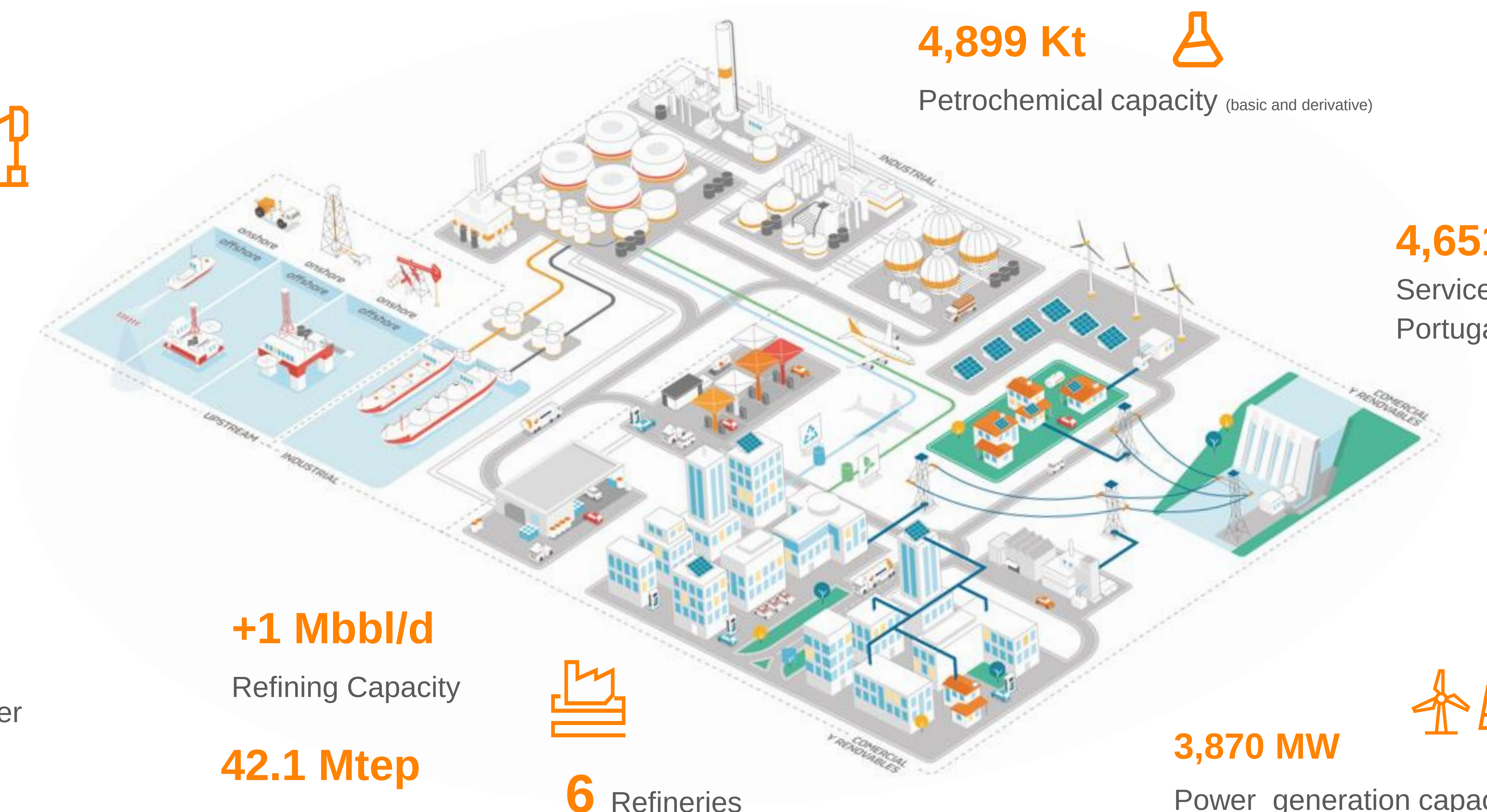
Proved Reserves

24 M

Clients

5.5 M digital

1.5 M in gas and power



4,899 Kt

Petrochemical capacity (basic and derivative)

4,651

Services Stations in Spain, Portugal, Peru and Mexico

+1,000

Recharging points

+1 Mbbl/d

Refining Capacity

42.1 Mtep

Processed Crude

6 Refineries

3,870 MW

Power generation capacity

1,645 MW

Renewable generation

Note: data end 2022

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Path to 2030

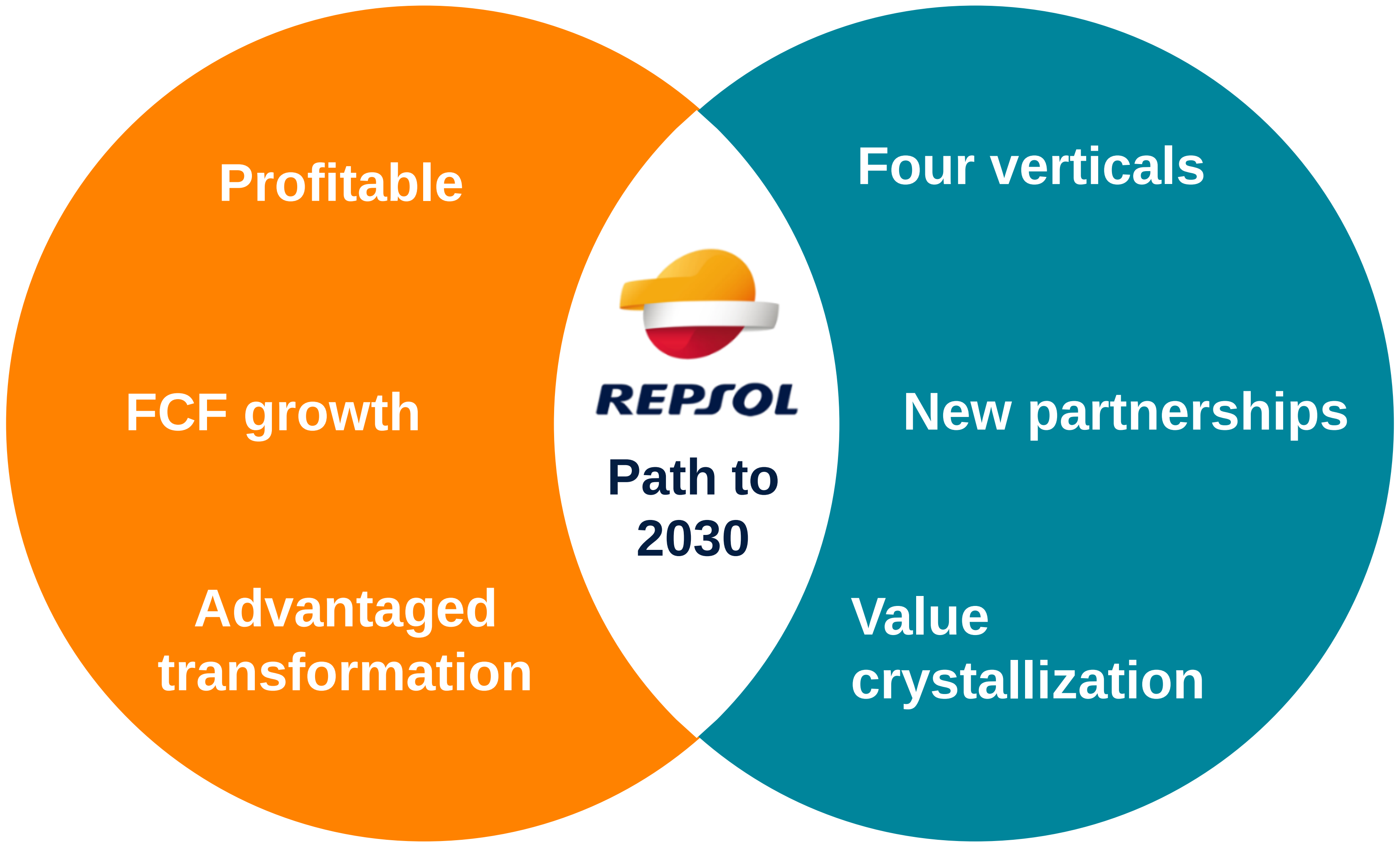
01.

Ambitious transformation journey to thrive in Energy Transition

REPSOL

De-carbonize the portfolio

New operating model



Towards Net Zero emissions

Leading investor proposition

Decarbonization is an opportunity to build business platforms as technology evolves

2020-2025 | 2025-2030 | +2030

Industrial transformation
- Advanced biofuels, biogas and recycling
- Renewable hydrogen
- Synthetic fuels (e-fuels)

Renewable generation
- Hybrid plants
- Stationary energy storage

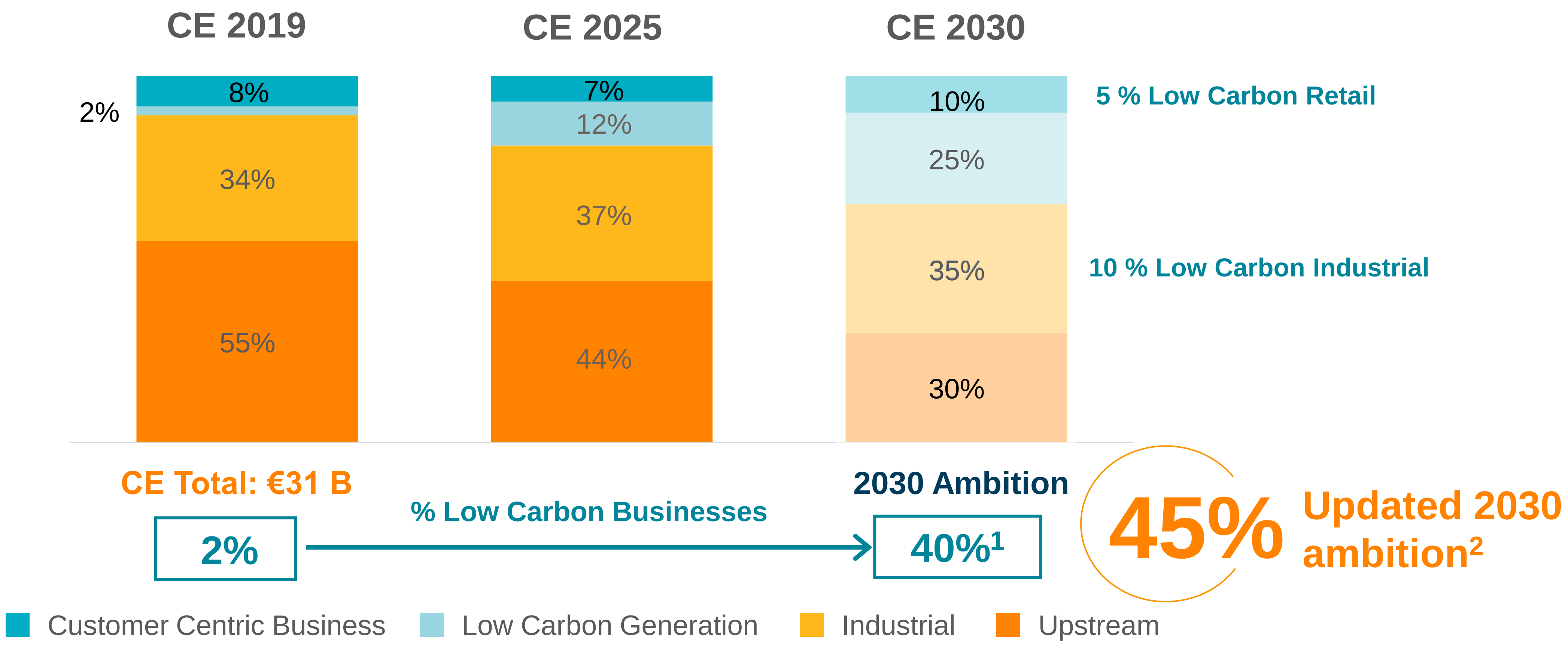
Customer-centric businesses
- Low carbon power retail + Energy Solutions
- Dual-platform advanced mobility

Carbon sinks
- Natural Climate Solutions[1]
- Carbon Capture Utilization & Storage

1. Forestry JV REPSOL Fundación Sylvestris

Repsol 2030: A more sustainable, balanced and profitable company

Transforming the company's portfolio



2030 Repsol's **Low Carbon** business: **~45% of CE[2]**

1. Increase in low carbon CE through investments in low carbon generation, new industrial low carbon platforms (circularity, H_2 & e-fuels, etc.), decarbonization through efficiency initiatives, e-mobility, and value-added services, among others
2. The Capital Employed in Low Carbon Businesses by 2030 increases to 45% from the original SP objective of 40% 3. In homogeneous price basis @$50/bbl & $2.5 HH

Note: CE of RES considering consolidation by the proportional method. Capital employed figures not including Corporation (€2 B in 2019)

Strategy 2021-25:

02.

Delivering financial targets while transforming the company

Ambition 21-25

REPSOL

2021 - 2022

Ensuring strong performance and financial strength

In an uncertain economic and commodities environment

- Efficiency & capital discipline
- Capex reduction
- Prudent financial policy and commitment with current credit rating

2023 - 2025

Accelerating transformation and delivering growth

- Portfolio optimization & new business platforms
- Metrics growth & high Capex intensity
- ROCE and gearing

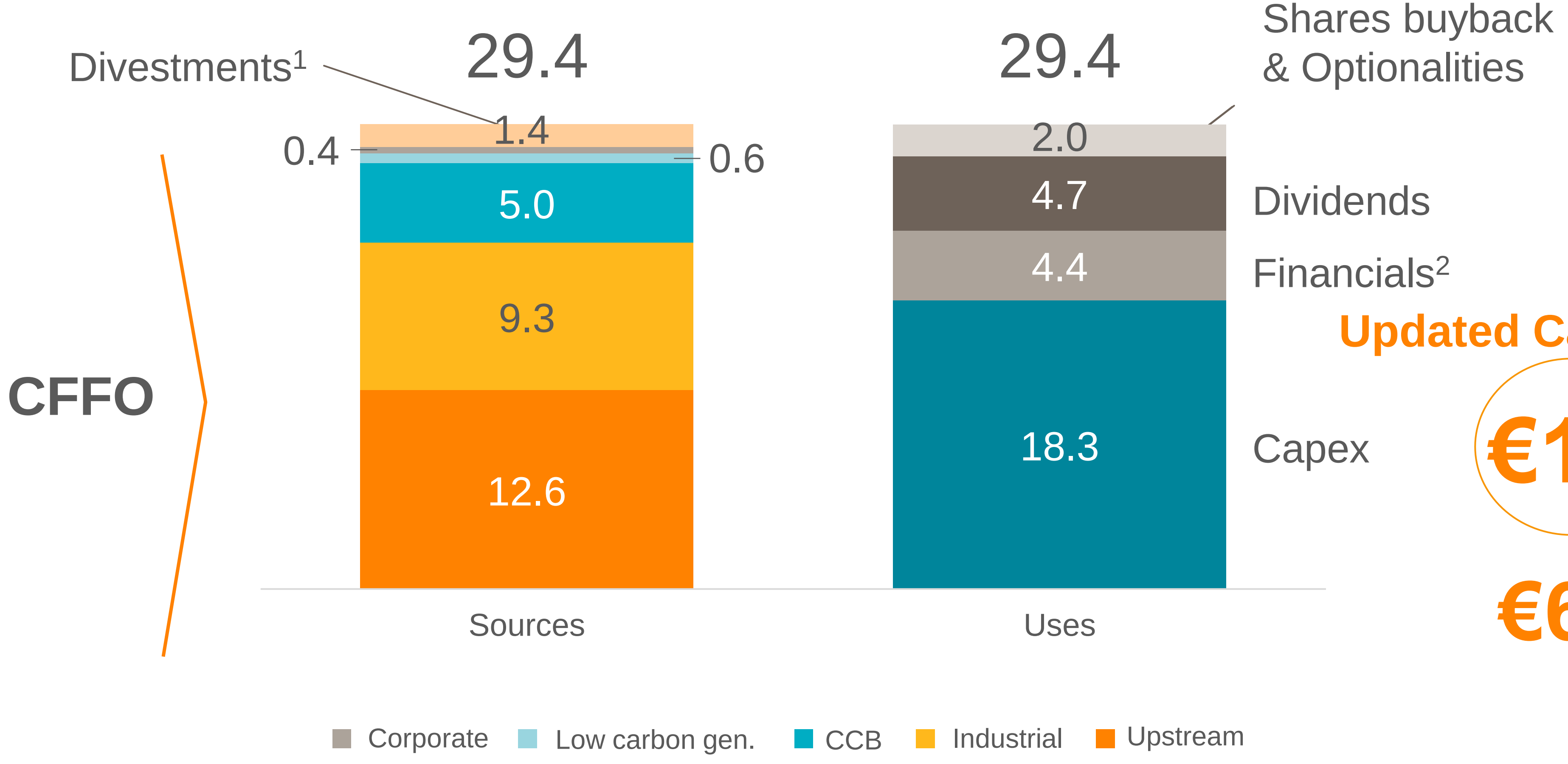
Self-financed plan @$50/bbl & $2.5 HH

Ensuring shareholder value maximization

Self-financed plan

Cash generation

Cumulative sources and uses of cash, 2021-2025 (B€)



Updated Capex 2021-2025[3]

€19 B

€6.5 B **Capex to Low Carbon[4]**

2021-2025 B-even post-dividends ($/bbl)

$50/bbl

FCF BE (inc. SBB)

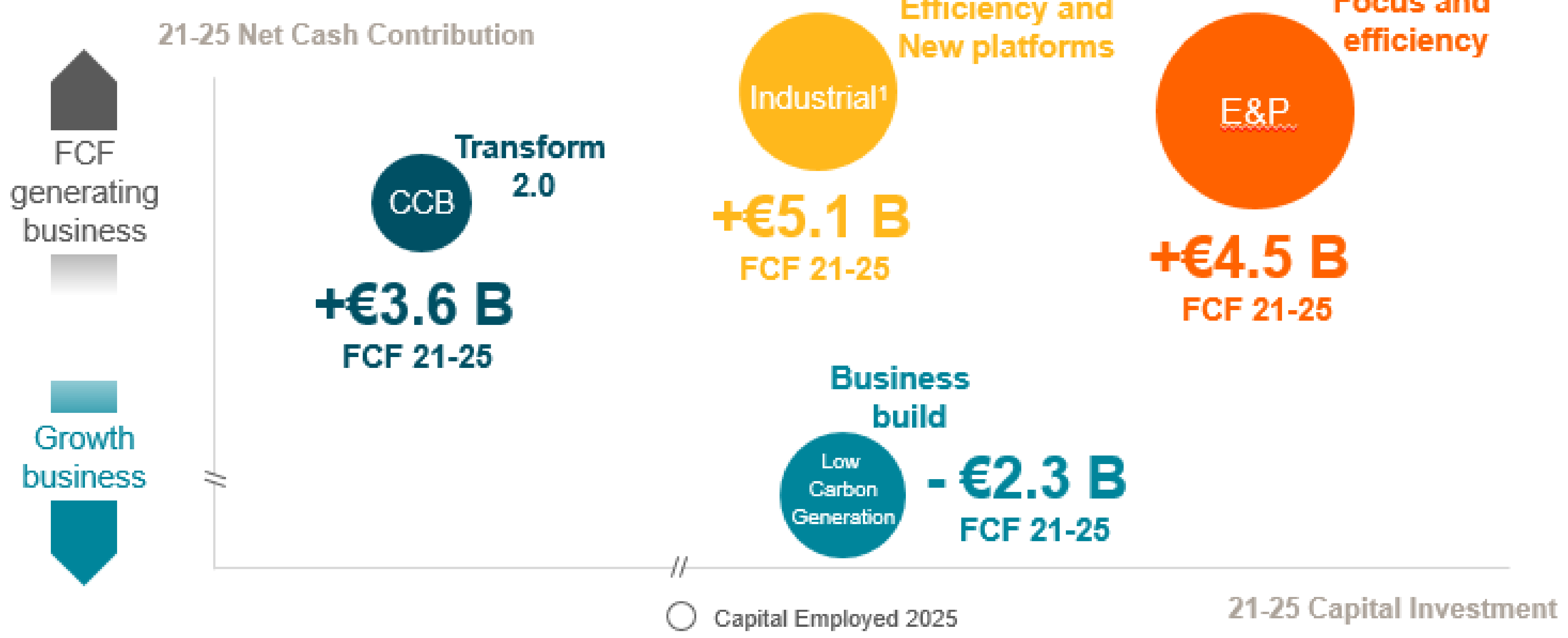
< $45/bbl

FCF BE pre-SBB

1. Includes RES portfolio divestments. Other potential inorganic transactions driven by new corporate model, are not included in this Sources and Uses of cash.
2. Includes interests and others as dividend to minority shareholders and hybrid bond interests
3. €1 B low carbon capex increase over the original objective in the Strategic Plan
4. The total capex in low carbon projects increases to ~€6.5 in 2021-2025 from the original SP objective of €5.5 B. The share of low carbon capex over the total company investment in 2021-2025 increases to 35% from the original SP objective of 30%

Legacy and new businesses driving portfolio performance along the Transition

Contribution to portfolio financial profile 21-25



Contribution to carbon intensity reduction

Low carbon strategies

CIRCULAR ECONOMY

LOW CARBON PRODUCTS

PORTFOLIO DECARBONIZE

CUSTOMER CENTRIC

LOW CARBON GENERATION

1. Industrial includes Refining Spain and Peru R&M, Chemicals, Trading & Wholesale Gas businesses

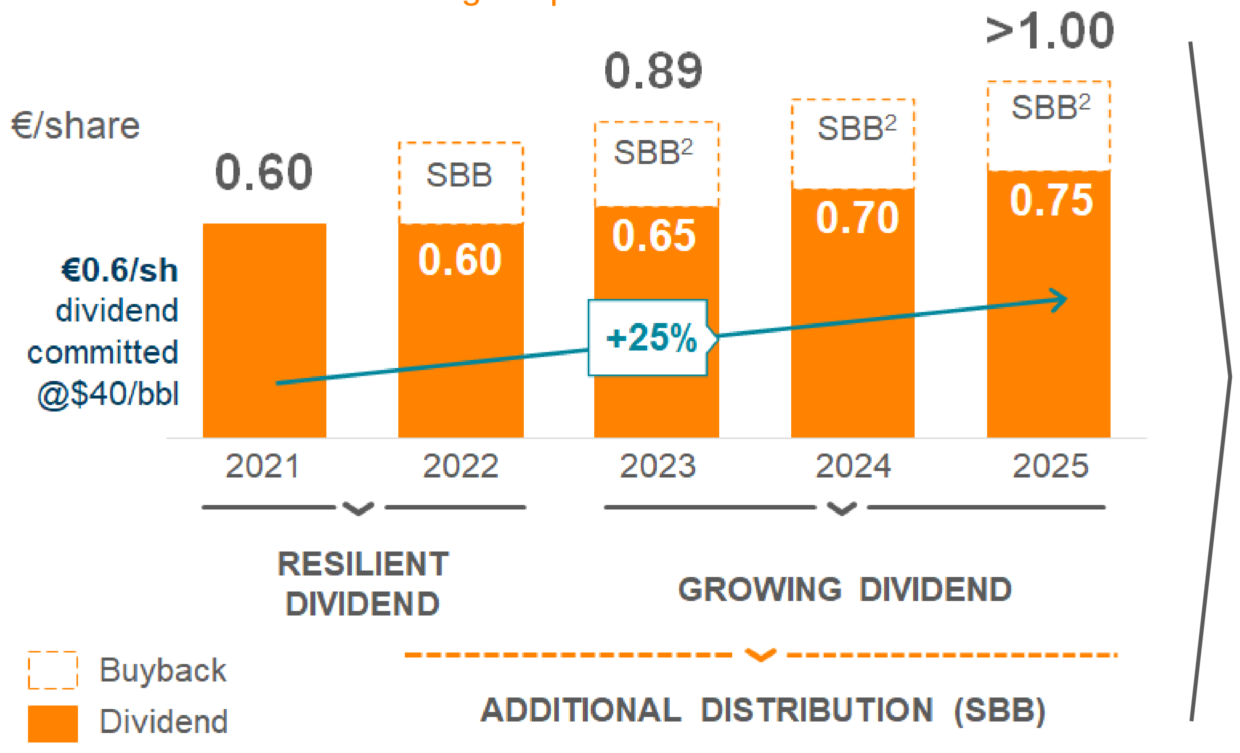
Note: Corporate values not considered

Leading distribution and clear capital allocation framework

Capital allocation 21-25

Resilient shareholder remuneration

	2022	2023
Capital reduction	**200 M shares**[1] 100% SBB expected in SP	**50 M shares**[4] before end July'23
Dividend	**€0.63** +5% vs original plan	**€0.70** +11% vs 2022[3]



Original SP 21-25

Capital allocation priorities

If Price deck improves
- 4 Extra shareholder distribution
- 3 Additional Low carbon CAPEX

At base case
- 2 Shareholder distribution
- 1 Value CAPEX

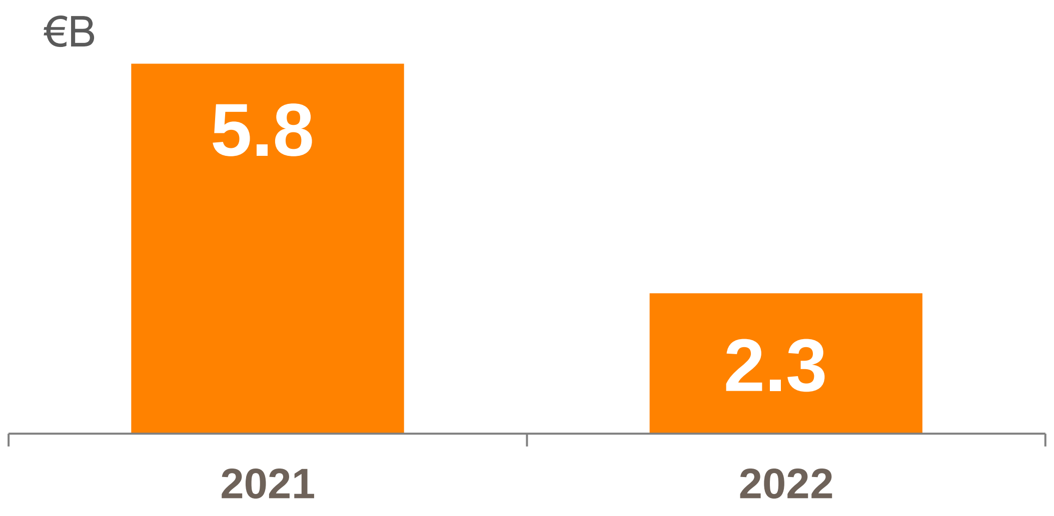
If Price deck worsens
- 0 CAPEX flexibility

FINANCIAL DISCIPLINE

1) 200 M shares redeemed in 2022, representing 13% of share capital at the beginning of 2022. 100% SBB expected in SP 2021-25
2) The SBB in 2023-25 period will depend on the CFFO generated
3) Expected dividend in 2023
4) New SBB program for up to 35 million shares and intention of cancelling 50 million shares before the end of July (35 million shares through the SBB program and another 15 million shares coming from treasury stock position).

Preserving strong financial structure

Net debt[1] evolution



1. Includes leases

		Last affirmation
S&P Global Ratings	BBB+ Stable Outlook	Last affirmation *November 16, 2022*
FitchRatings	BBB Positive Outlook	Last affirmation *October 11, 2022*
Moody's	Baa1 Stable Outlook	Last affirmation *December 20, 2022*

Solid investment grade supported by Rating Agencies

S&P upgraded Repsol rating from BBB to BBB+ in November 2022 and Moody's from Baa2 to Baa1 in December 2022

Business strategies

03.

Setting the new business priorities

Upstream

Yield and Focus

Industrial

Yield and New Platforms

Customer-centric

Yield and Transformation

Low-carbon generation

Business Build

Repsol E&P priorities 2021-25

REPSOL

1 FCF as a priority (Leading FCF B-even)	2 Resilient Value delivery	3 Focused portfolio	4 Tier 1 CO_2 emissions
− FCF breakeven <$40/bbl − Low capital intensity and flexibility − Generate €4.5 B FCF @$50/bbl & $2.5 HH − -15% OPEX reduction	− Top leading project profitability − Short pay-back − Digital program − Reduction of -30% G&A	− Value over volume • Flexible production level (~620 kboed 2021-25) • <14 countries − Leaner and focused exploration	− Emissions intensity reduction of 75% − Streamlining to a leaner upstream portfolio − Decline/exit of carbon intensive and non-core assets

Building optionality and strategic flexibility

Focus portfolio and capex allocation: Playing to our core areas

Upstream

Portfolio span reduction → from >25 to <14 countries ambition

Core areas

Other areas in the Portfolio

Highly selective new exploration strategy

Successful track record discovering additional resources in productive basins recently

– Alaska North Slope: Horseshoe Mitquq/Stirrup

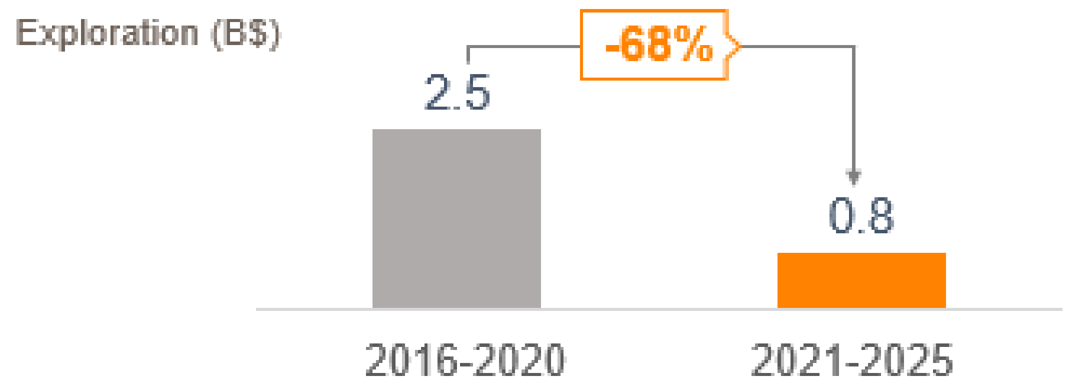
– US GoM: Black-tip/Monument

– Mex GoM: Polok/Chinwol

– Colombia Llanos: Lorito

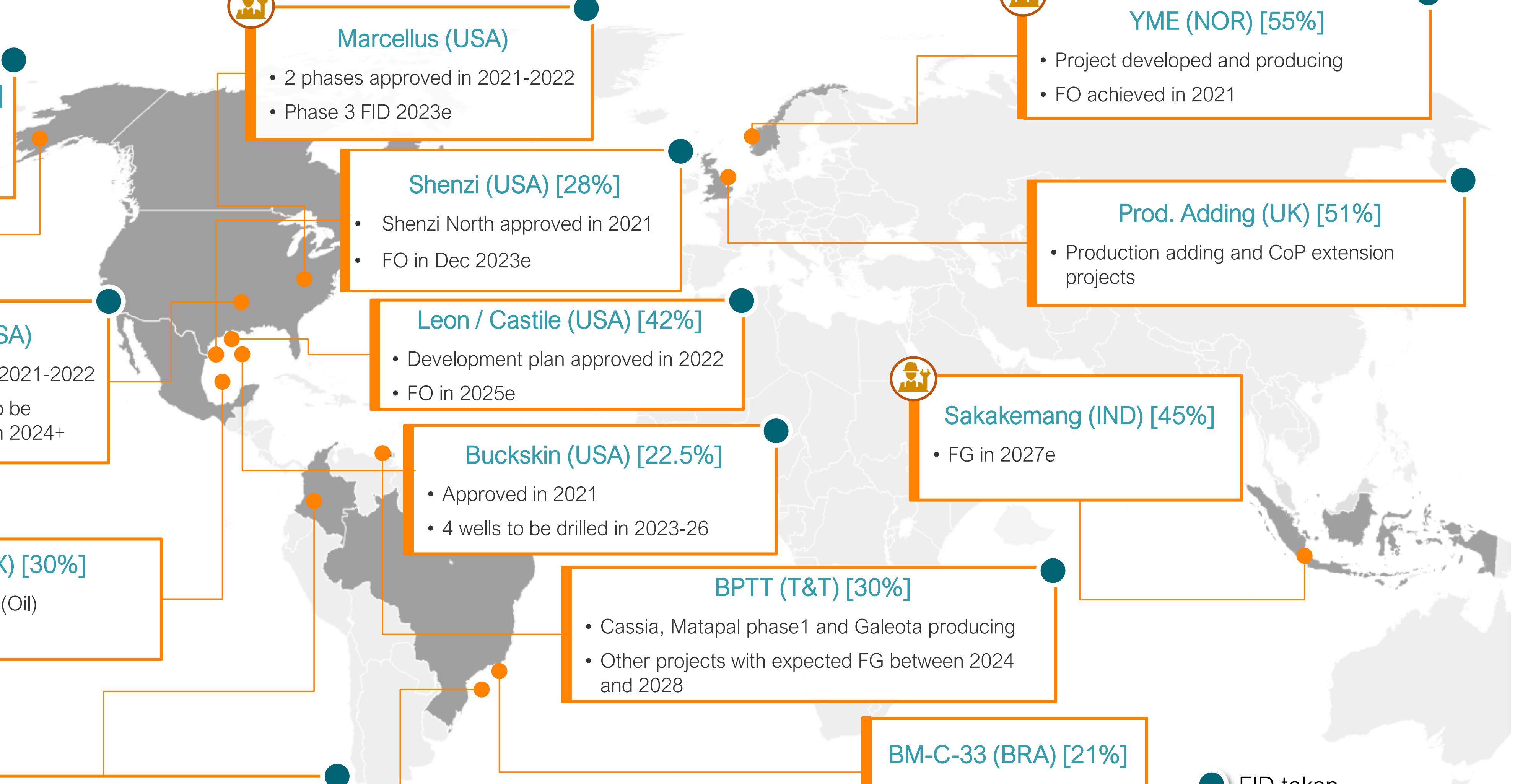
– S. Sumatra: Sakakemang

Renewed strategy. Leaner and focused on productive basins, to shorten the cycle



Progress in key projects to support future production

Upstream



Alaska Pikka (USA) [49%]
- Phase 1 FID taken 2022
- FO in 2026e

Marcellus (USA)
- 2 phases approved in 2021-2022
- Phase 3 FID 2023e

Shenzi (USA) [28%]
- Shenzi North approved in 2021
- FO in Dec 2023e

Eagle Ford (USA)
- 3 phases approved in 2021-2022
- Remaining inventory to be developed in phases in 2024+

Leon / Castile (USA) [42%]
- Development plan approved in 2022
- FO in 2025e

Buckskin (USA) [22.5%]
- Approved in 2021
- 4 wells to be drilled in 2023-26

Block 29 (MEX) [30%]
- 2 discoveries in Polok (Oil)
- FO in 2026e

Akacías (COL) [45%]
- Full field Development ongoing.16 wells in 2022
- 2023+: 20 new producers, 9 water injection wells
- CPF 50 kbp/d starting on 2024

Lapa SW (BRA) [15%]
- FID taken in 2022
- FO in 2025e

YME (NOR) [55%]
- Project developed and producing
- FO achieved in 2021

Prod. Adding (UK) [51%]
- Production adding and CoP extension projects

Sakakemang (IND) [45%]
- FG in 2027e

BPTT (T&T) [30%]
- Cassia, Matapal phase1 and Galeota producing
- Other projects with expected FG between 2024 and 2028

BM-C-33 (BRA) [21%]
- FG in 2027e

FID taken

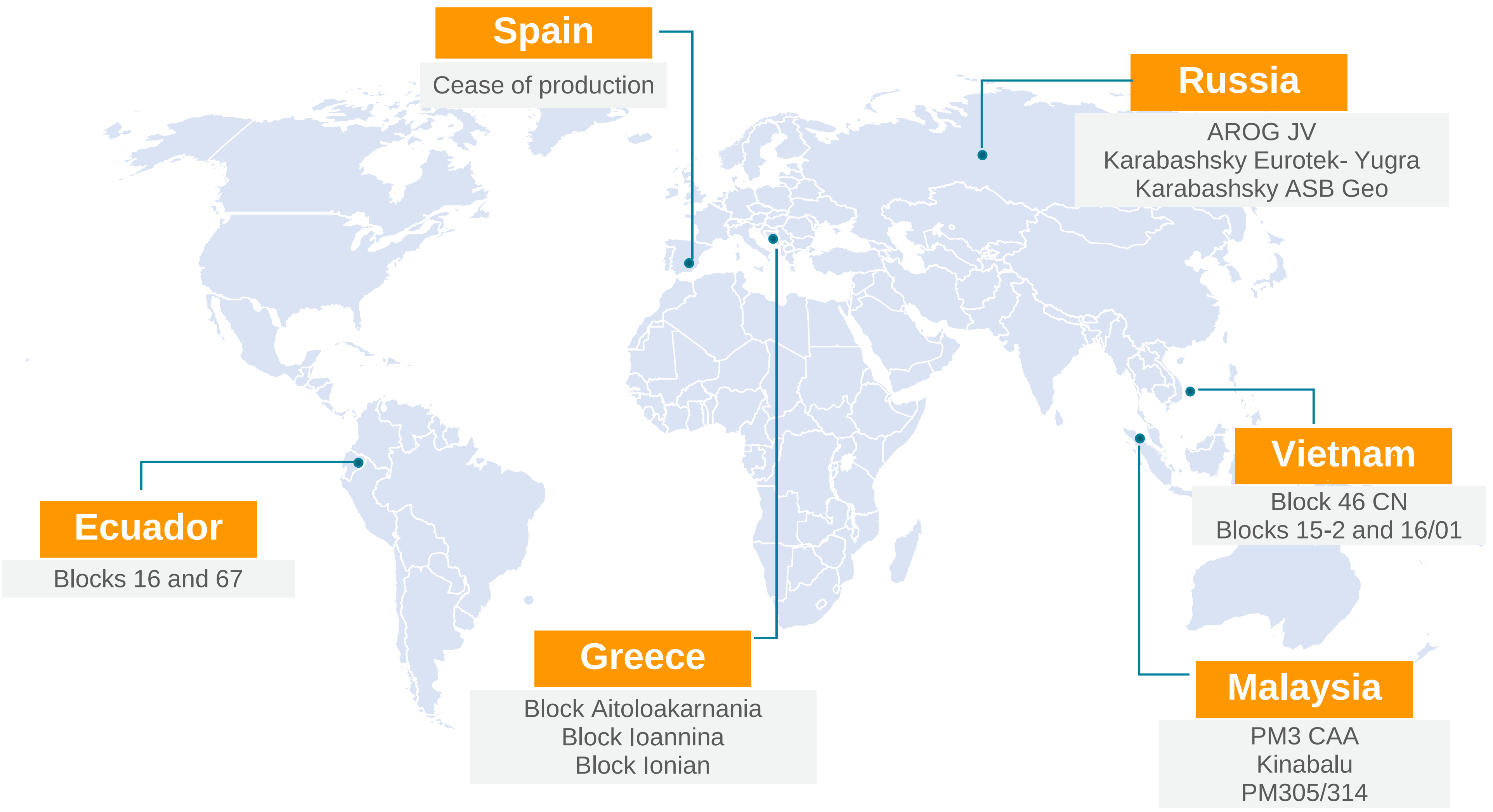
Operated

[Repsol's Working Interest]

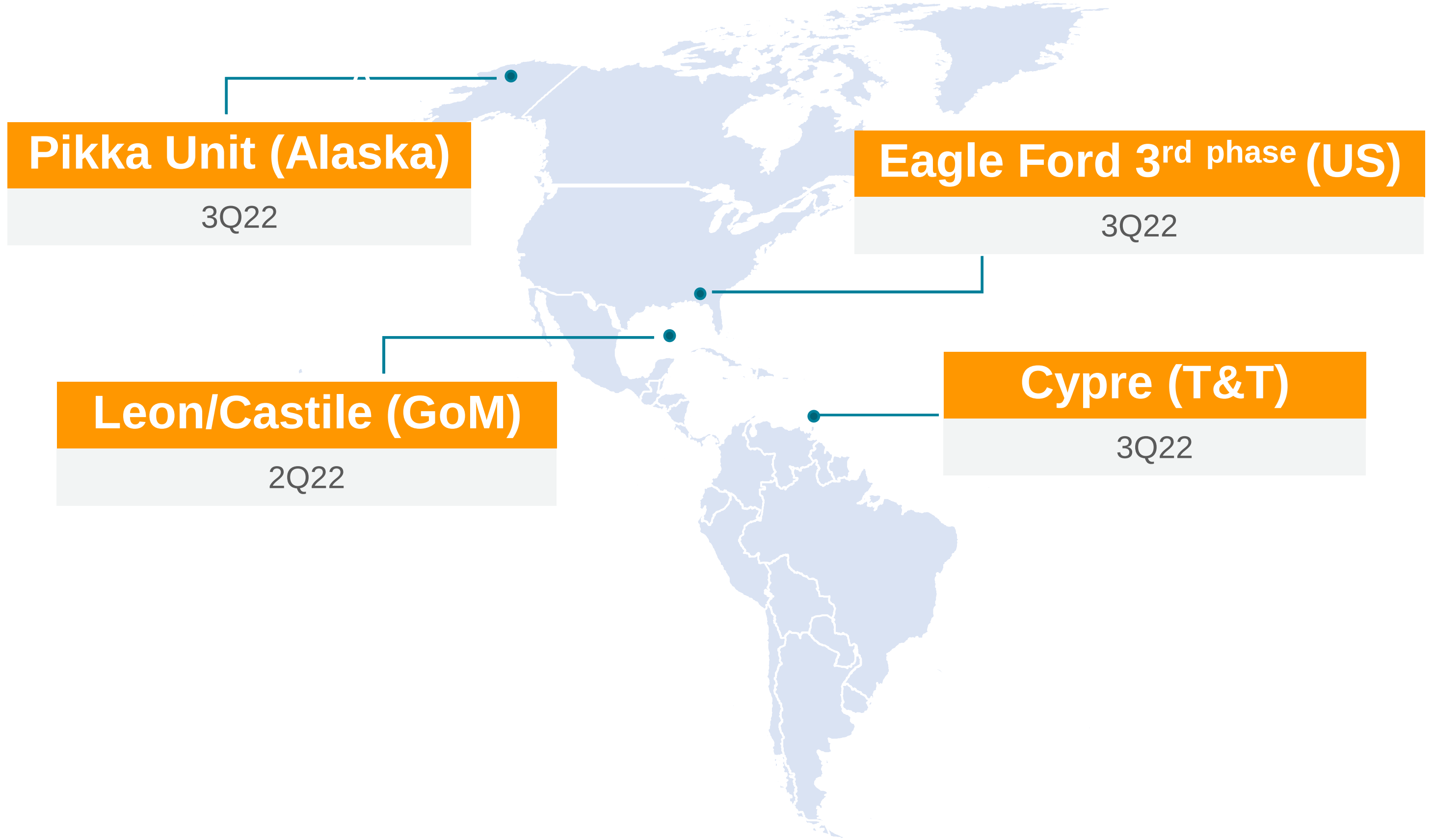
Progressing in portfolio rationalization and FIDs

Upstream

Portfolio rationalization



FIDs 2022



Completed the exit from Upstream operations in six countries

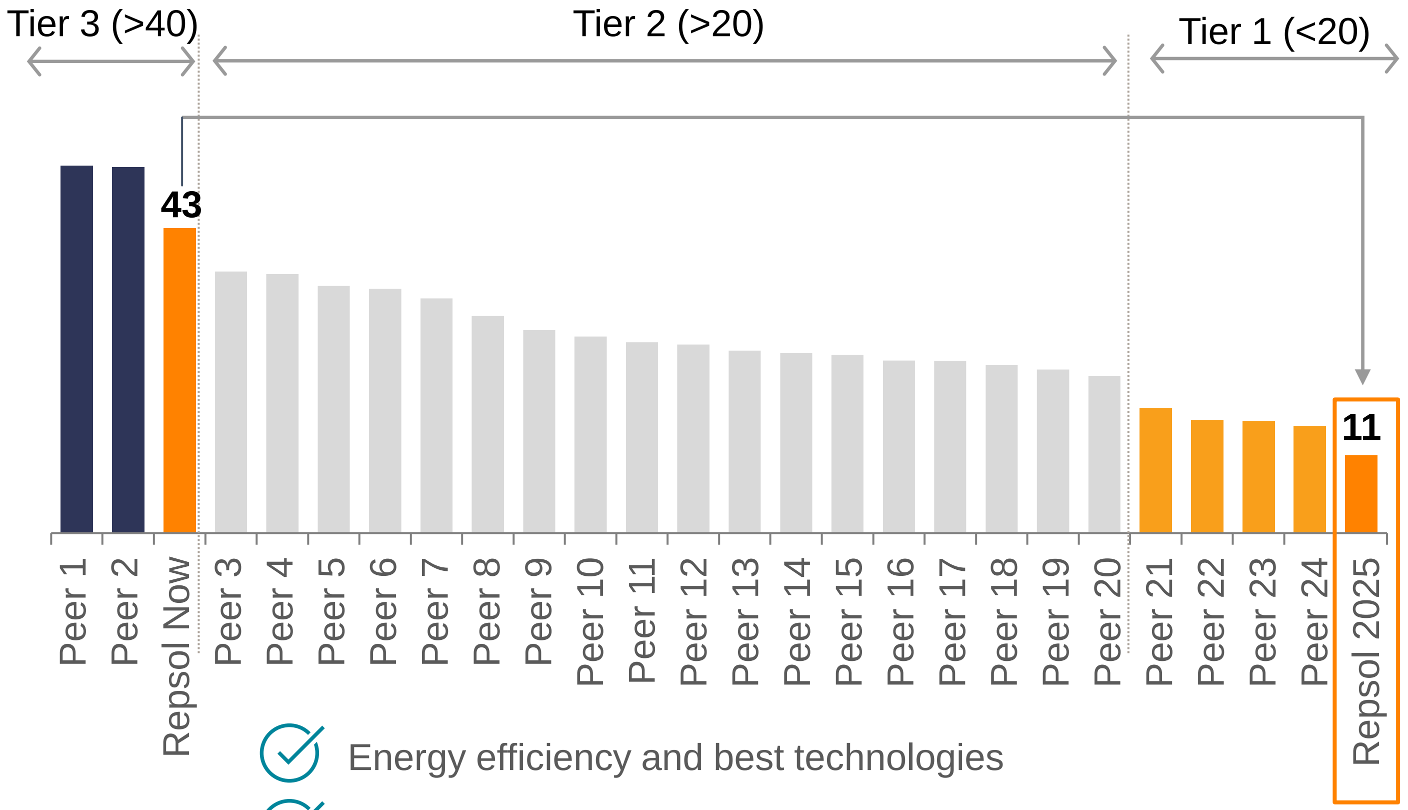
Includes transactions completed in 2021 and 1Q22

High grading portfolio supporting carbon intensity reduction

Upstream

Repsol to become tier 1 lowest carbon intensity with a 75% reduction

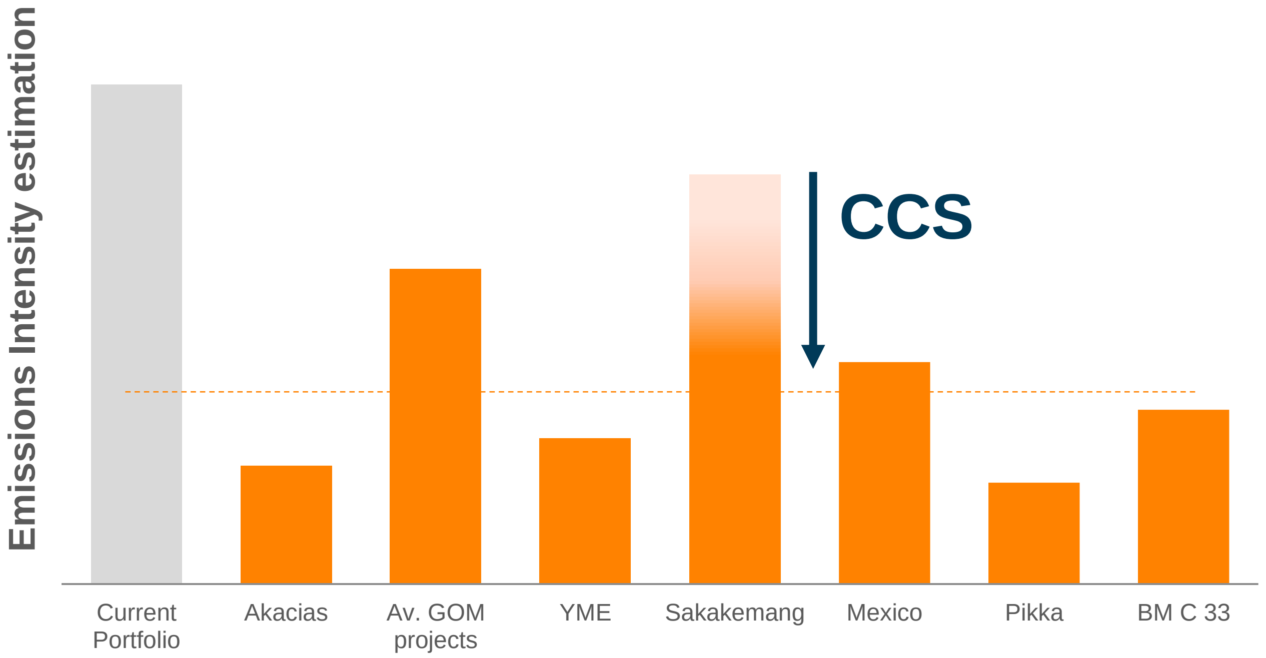
Emissions intensity per barrel produced (kgCO_2/boe)



- Energy efficiency and best technologies
- Decline/exit of carbon intenisve and non-core assets

High growth new barrels with lower emission intensity

New production pushes down emissions intensity



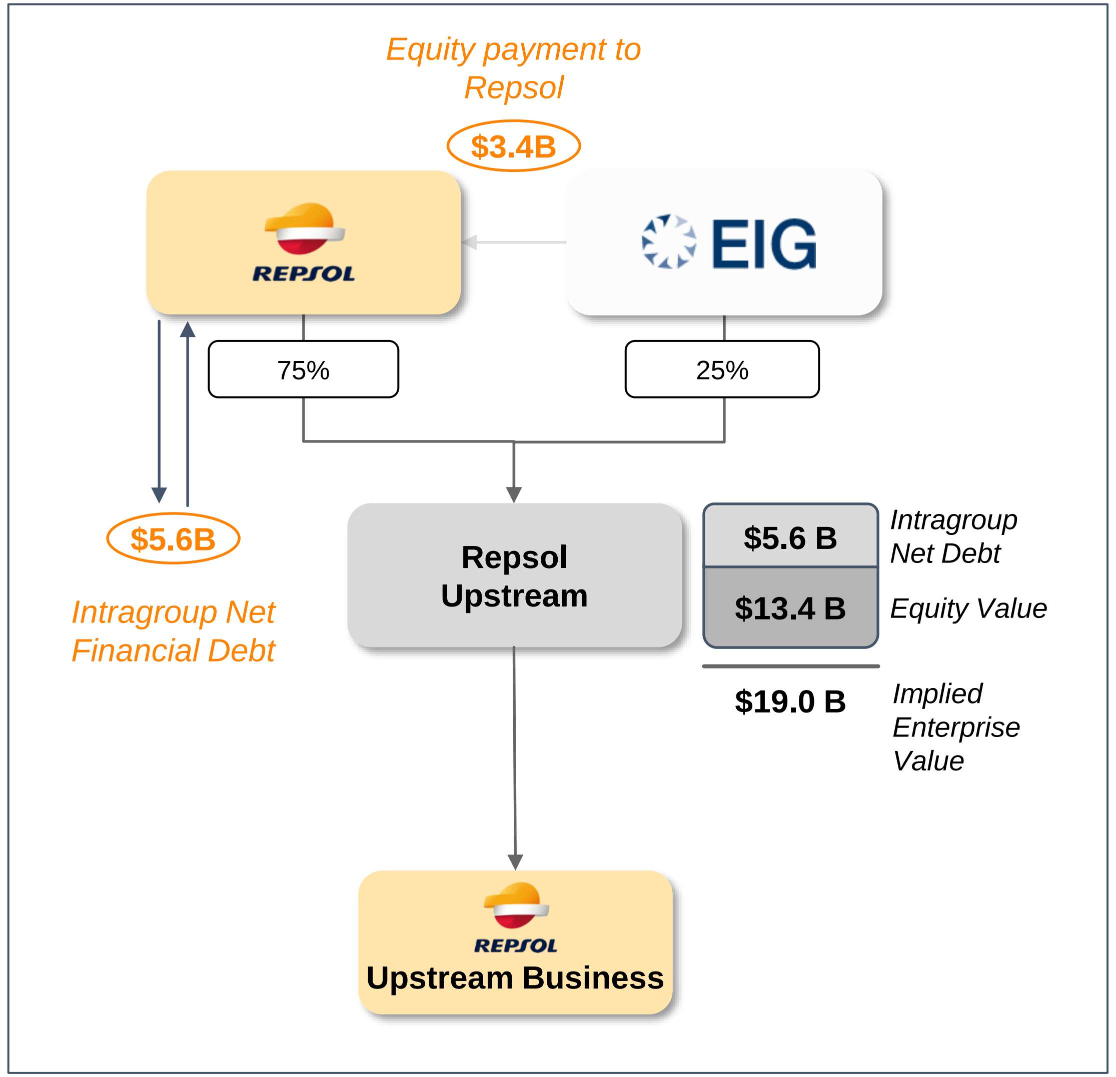
Emissions reduction projects in most intensive assets

Sakakemang:
CCS project in FFD phase with 1.5-2 Mt CO_2 per year captured and a total investment of €247 M

Note: The peers considered on the above chart are Eni, Gazprom, BHP, Conoco, Petronas, Hess, Anadarko, Exxon, Woodside, Equinor, CNPC, Total, Occidental, Kosmos, Marathon, CNOOC, Shell, OMV, Chevron, Petrobras, BP, Rosneft, Noble, Apache. 2019 Data
Source: Wood Mackenzie Emissions Benchmarking Tool

EIG's acquisition of 25% Repsol Upstream equity stake for $3.4 B

Value crystallization through partnerships



Transaction structure

Enterprise Value for Repsol Upstream of $19.0 B
- Net Financial Debt **$5.6 B**
- **$13.4 B** resulting Equity value

EIG's acquisition of 25% Working Interest in Repsol Upstream for **$4.8 B**
- **$3.4 B** Common equity
- **$1.4 B** Net Financial Debt

Price Structure
- 70% upfront payment on completion
- 30% to be paid in three equal annual instalments over a three-year period

Governance

No change of control
- Repsol remains the controlling shareholder and, as such, retains control over the operations
- The vehicle remains part of the Repsol Group and is consolidated, from an accounting perspective, by the global integration method

Board: 8 Directors
- 4 Repsol + 2 EIG + 2 Independents
- Repsol retains the Chairman with casting vote

Setting the new business priorities

Upstream

Yield and Focus

Industrial

Yield and New Platforms

Customer-centric

Yield and Transformation

Low-carbon generation

Business Build

Maximizing yield and developing the next wave of profitable growth

Industrial Strategy 2021-25

REPSOL

	Refining[1]	Chemicals	Trading
1 Yield Cash generation in a complex environment	– Net Cash Margin 1Q Solomon and Wood Mackenzie – **Advantaged position** – Enhancing competitiveness and **operational performance**	– **Differentiation** with high value products – **Growth** in incoming opportunities – **Feedstock flexibility:** 60% LPGs to crackers vs 25% EU average	– **Maximize the integration** and value from assets – Incremental **growth in key products and markets**
2 Digitalization *Industry 4.0 driving integration & improved decision making*	– **Automated** and self-learning **plant optimization** based on real-time data – **Enhance asset availability** to maximize output and optimize maintenance costs (-5% by 2025) – **Integrating value chain management** through planning models based on AI and machine learning – **Smart energy optimizers** to reduce consumption and GHG emissions (-0.1 Mt CO_2)		
3 New platforms	– Leadership in **new low-carbon businesses** (hydrogen, waste to x, etc.)	– **Circular platforms** (recycling and chemicals from waste)	– **Grow in low carbon businesses** (biogas/biofuels, CO_2, etc.)

1. Includes Spain and Peru R&M

Transformation of our sites into multi-energy hubs

Low Carbon Products

1.9 GWeq

Increased renewable H_2 ambition by 2030

- **+40% increased 2025 ambition to 0.55 GWeq**
- **+60% increased 2030 ambition to 1.9 GWeq**
- Three-way route: electrolysis, biomethane and photo electrocatalysis (long-term)
- E-fuels demo plant underway
- 2.5 MW electrolyzer in Petronor by 2022

2 Mton

Low carbon fuels[1] by 2030

- **1.3 Mton of low carbon fuels to 2025**
- **Advanced HVO, the best option to comply with the legislation and grow in biofuels generating value**
- First biofuels marketer in Spain
- Multi-technology and raw material approach

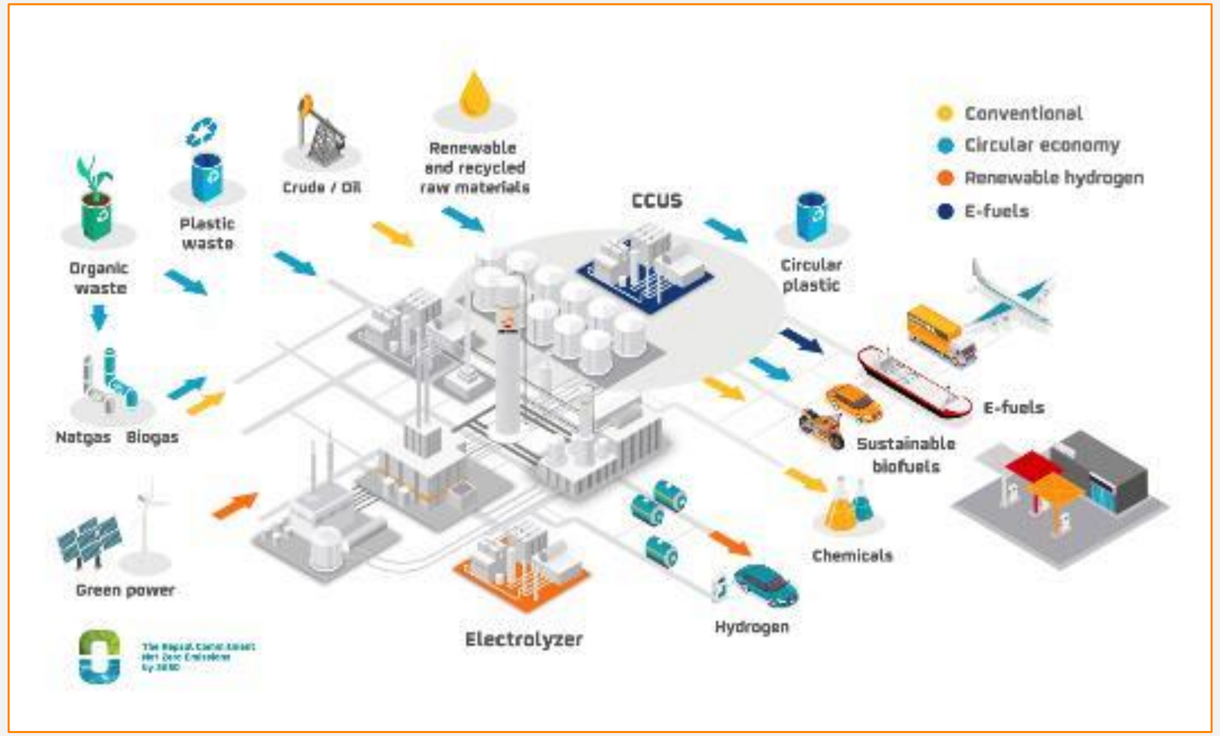
+20%

Recycled polyolefins by 2030

- **10% recycled polyolefins by 2025**
- Chemical and mechanical recycling

Maximizing Value through partnerships

Multi-energy hubs that fit into a more sustainable future



1. Considering gross capacity of projects developed by 2030

Ambition to become a leader in renewable H_2 in the Iberian Peninsula

Renewable Hydrogen

Multi-technology approach

providing flexibility,
and optimizing production

Electrolysis

Biomethane
in existing SMRs[1]

Photoelectrocatalysis
proprietary technology

Largest H_2 consumer (72%) and producer in Spain

Privileged integrated position allowing **arbitrage between self-consumption and other final uses**

Transportation and e-fuel
leveraging SSs

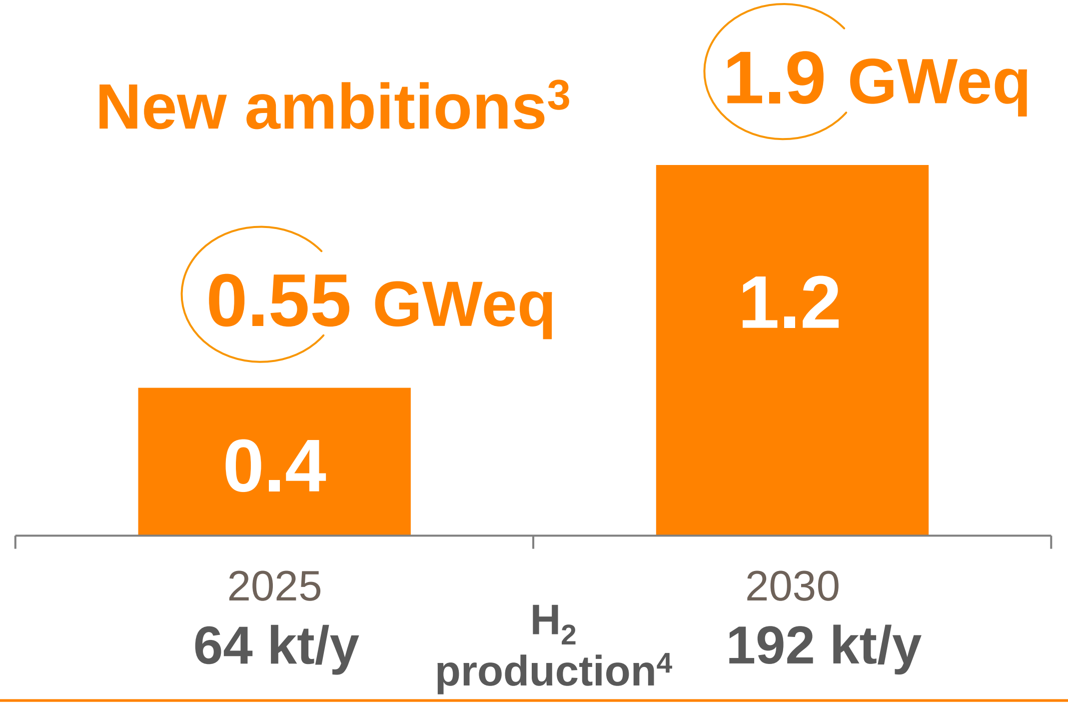
Industrial feedstock
to other players

Gas network injection
blended with gas for residential and industrial use

Electricity storage
for flexible power generation

Clear ambition[2] to become Iberian leader

Renewable H_2 capacity under development [GWeq]



Repsol to become an active H_2 player
across uses, and a strategic partner to develop the Government ambition

1. Steam reformer 2. Repsol's hydrogen ambition conditioned to access to regulatory changes and availability of EU recovery funds Plan
3. Renewable H2 ambition increased in October 2021 from 0.4 to 0.55 GWeq in 2025 and from 1.2 to 1.9 GWeq in 2030 4.Considering a ratio of 0.02 t/h per MW and 8,000 hours of operation per year based on Repsol's past projects

Repsol becoming an advantaged producer of low carbon fuels

Low carbon fuels

Repsol best positioned for sustainable biofuels production

Already a leading biofuels producer, and **first biofuels marketer in Spain** (66% share)

Leveraging our **tier one industrial sites** to produce biofuels in own facilities through modifications of current units

- **Lower Capex**: <€500/t in existing plants (vs. >€1000/t of peer's new plants)

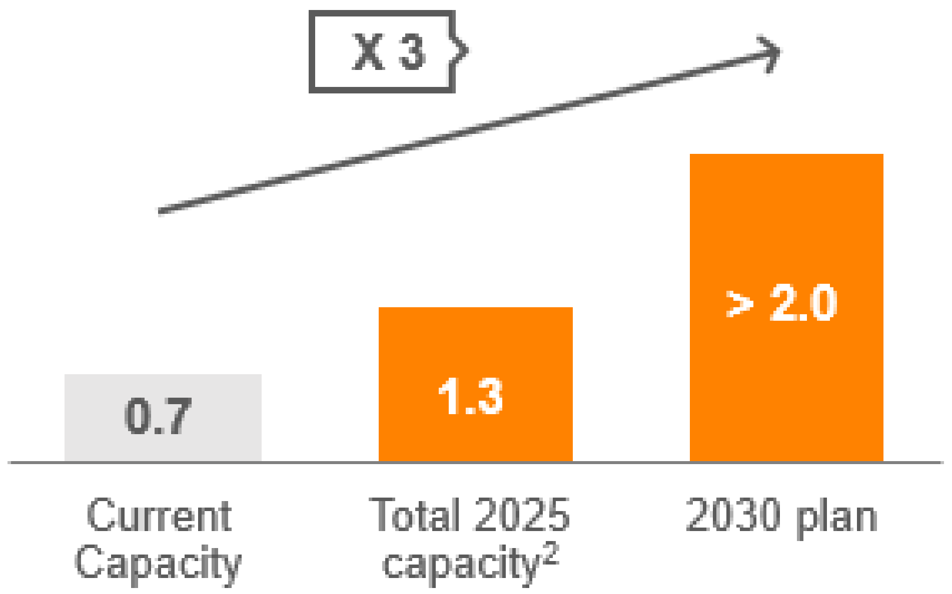
Average projects **IRR >15%**

Positioning, scale and relevance of our industrial hubs key to secure feedstock

Reaching > 2 Mta of low carbon fuels in 2030[1]

Low carbon fuels gross production (Mta)

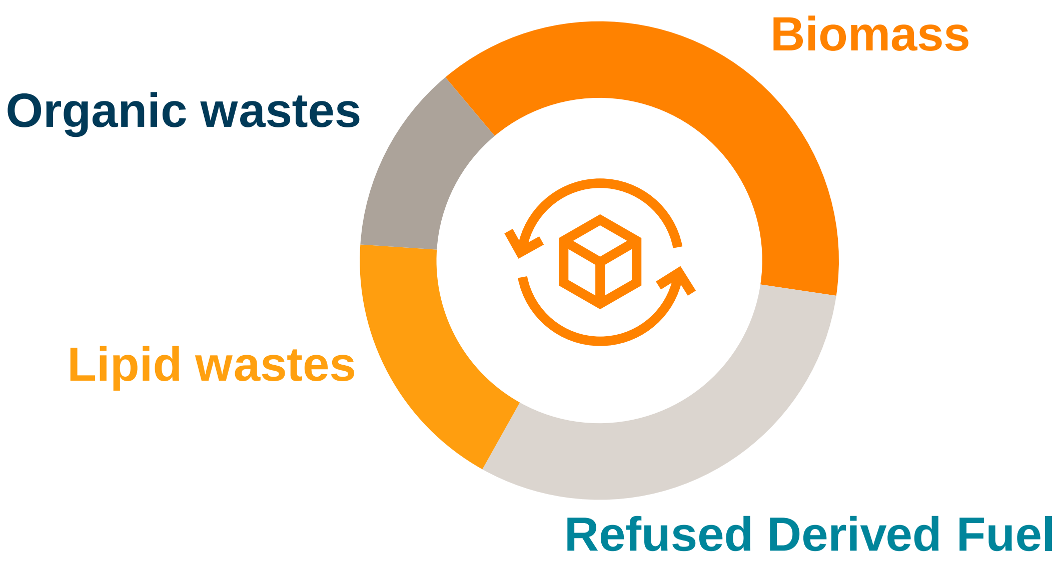
Updated ambition: from 600kt of HVO to >2 Mt of low carbon fuels



Repsol with a **leading sustainable biofuels ambition**

With a multi-technology and raw material approach

Use of wastes as feedstock



- **> 65% of biofuels produced from waste** by 2030 (up to 100% potentially to satisfy market or regulation demands)
- Large **availability of required feedstock with flexibility** between alternatives
- **~4 Mt of waste[3]** to be used as raw materials by 2030

1. Gross volumes 2. Expected capacity of sustainable biofuels by 2025 includes: 700 kt/y from current existing capacity, 250 kt/y capacity from the advanced biofuels plant in Cartagena, 130 kt/y capacity from a gasification plant to produce methanol and ~300 kt/y capacity through modifications in existing units. 3. Gross volume. It includes Repsol's whole circular strategy: biofuels, circular chemical products and plastics and biogas production

25/25 decarbonization program with strong contribution to margin improvement and CO_2 reduction

REPSOL

Maximizing **energy efficiency** with attractive returns

Adopting **best-in-class technologies**

Exploration of **energy use opportunities** and **utilities optimization**

Digitalization of operations and integration with AI

Industrial energy efficiency 2021-2025

>20% estimated IRR

-0.8 Mt CO_2 reduction[1]

€0.4 B Total Capex

>200 Initiatives identified

New low carbon business selected projects

C43: Waste & UCOs treatment plant

Advanced HVO plant - **Reducing 900 kt/y CO_2 emissions**

Investment: **€188 M**

Capacity: **250 kta** Sustainable biofuels; **300 kta** From waste per year

Cartagena

Chemicals circularity

- Zero project: chemical recycling of used plastics
- Reciclex project: mechanical recycling of polyolefins

Investment: **€70 M**

Capacity: **74 kta** Circular polyolefins[2]

Puertollano

Biogas generation plant from urban waste

Biogas to substitute traditional fuel consumption

Investment: **€20 M**

Capacity: **10 kta** Urban waste

Petronor

Net zero emissions fuel plant

E-fuel production from renewable hydrogen (electrolysis) and CO_2

Investment: **€60 M**

Capacity: **10 MW** Electrolyzer

Petronor

1. Scope 1+2 emissions 2. Recycle 20% equivalent of our polyolefins production by 2030, target to which other technologies will also contribute (e.g. gasification)

Setting the new business priorities

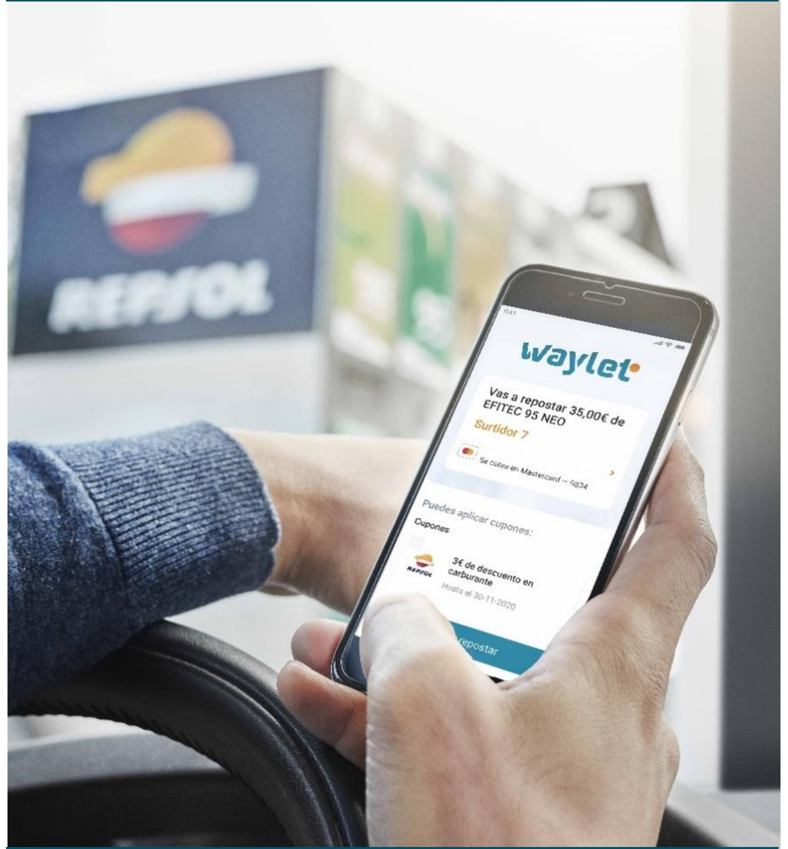
Upstream

Yield and Focus

Industrial

Yield and New Platforms

Customer-centric



Yield and Transformation

Low-carbon generation

Business Build

Strong and growing profits and cash generation

Customer-Centric Businesses Strategy 2021-25

Key foundations

Longstanding Iberian Energy Leader	Mobility leader in continuous transformation	High-growth power customer business

Strategic drivers in Energy Transition

Multi-energy

Cross-sell to current customers and channels, adding **new services** (E-Mobility, Energy Services & Advanced mobility services)

Customer centricity

Roll out the new **transversal loyalty program,** developing engagement with **end customers**

World-class digital

Expand digit platforms for customer engagement (**Waylet** & **Vivit apps**), with **AI based** personalization and advanced pricing

Ways of working

More autonomous management, strengthening **entrepreneurship culture**

Building on our advantages

Customer Centric transformation

8 Million
Digital clients by 2025

- **Unique position to serve the multi-energy needs of our customers**
- 5.5 M Waylet by end 2022 (2.8x vs 2020)
- Vivit and Energy Origin launched in 2021
- Launching transversal loyalty program

+1,000
Public PoR by 2022 in Iberia

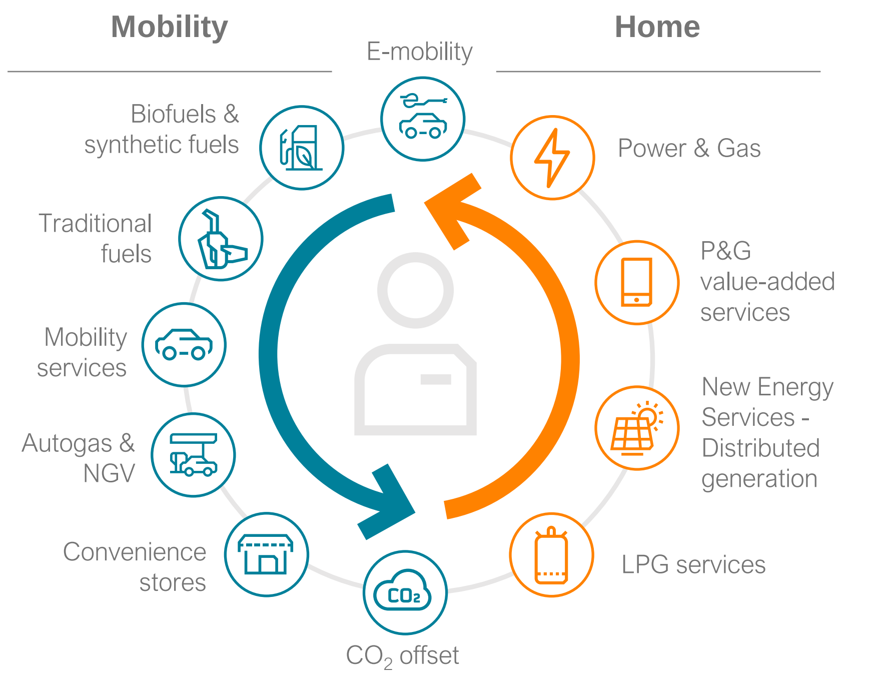
- **Quick chargers every 50 km in Spain by 2022**
- Capex €50 M in Spain
- Ultra / fast charging terminals in premium locations

355
Solar communities by end of 2022

- **Innovative solutions for energy generation and optimization, reinforcing a multi-energy offer**
- Solar360: self-consumption
- Solmatch and Ekiluz: communities oriented

To drive 1.4x EBITDA by 2025 (vs. 2019)

A differentiated multi-energy customer centric view



Simplifying the net-zero journeys of our customers

Launching Repsol's Transversal Loyalty Program to orchestrate customer-centric multienergy approach across customer base

REPSOL

Engage customers

>35 M Energy customers

>24 M Repsol customers

>10 M Repsol registered customers

2 M[1] Repsol digital customers

>8 M customers by 2025

Cross-sell multi-energy

SUPER COR Stop&Go · electricidad y gas · REPSOL Solify · REPSOL Solmatch · movilidad eléctrica

REPSOL repsol.es

Transversal loyalty Program

- Integrated customer data
- Seamless customer experience
- Data driven personalization
- Promotions and benefits
- Partner ecosystem

waylet — Mobility app

vivit — Home app

Other digital assets

wible · BOX REPSOL · Guía Repsol · PIDE TU GASÓLEO

1. 5.5 Million clients at the end of 2022

New transversal loyalty program to reach 8 M customers (100% digital) and generate incremental margin by 2025

Repsol to develop widespread, smart, conveniently-located charging network

e-Mobility

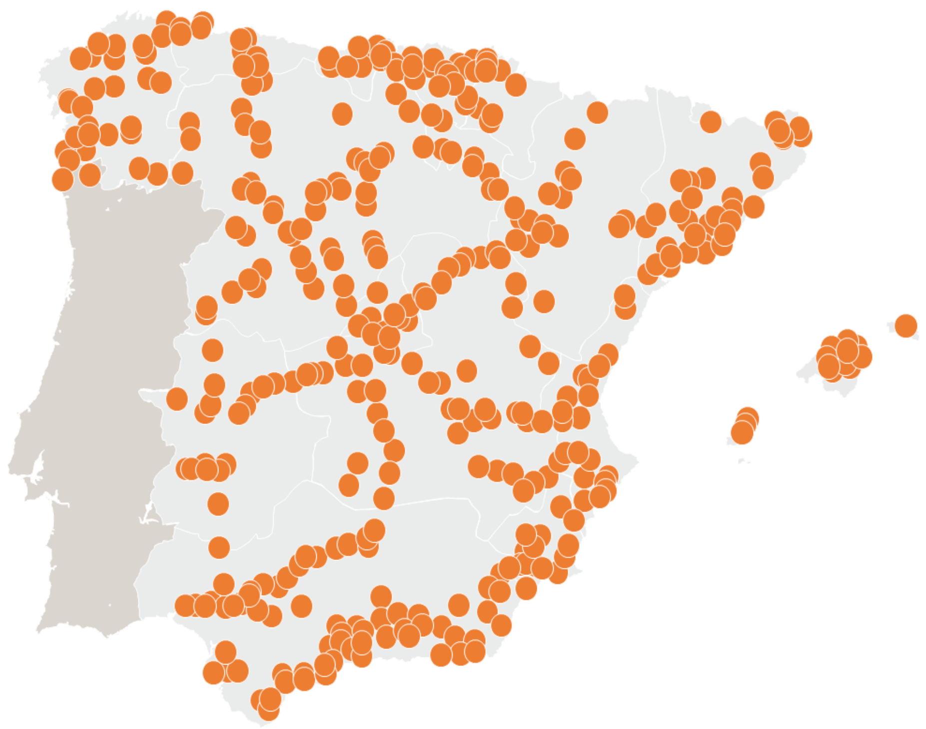
REPSOL

2022

Ultra / Fast
chargers every
50km

+1,000
public
chargers

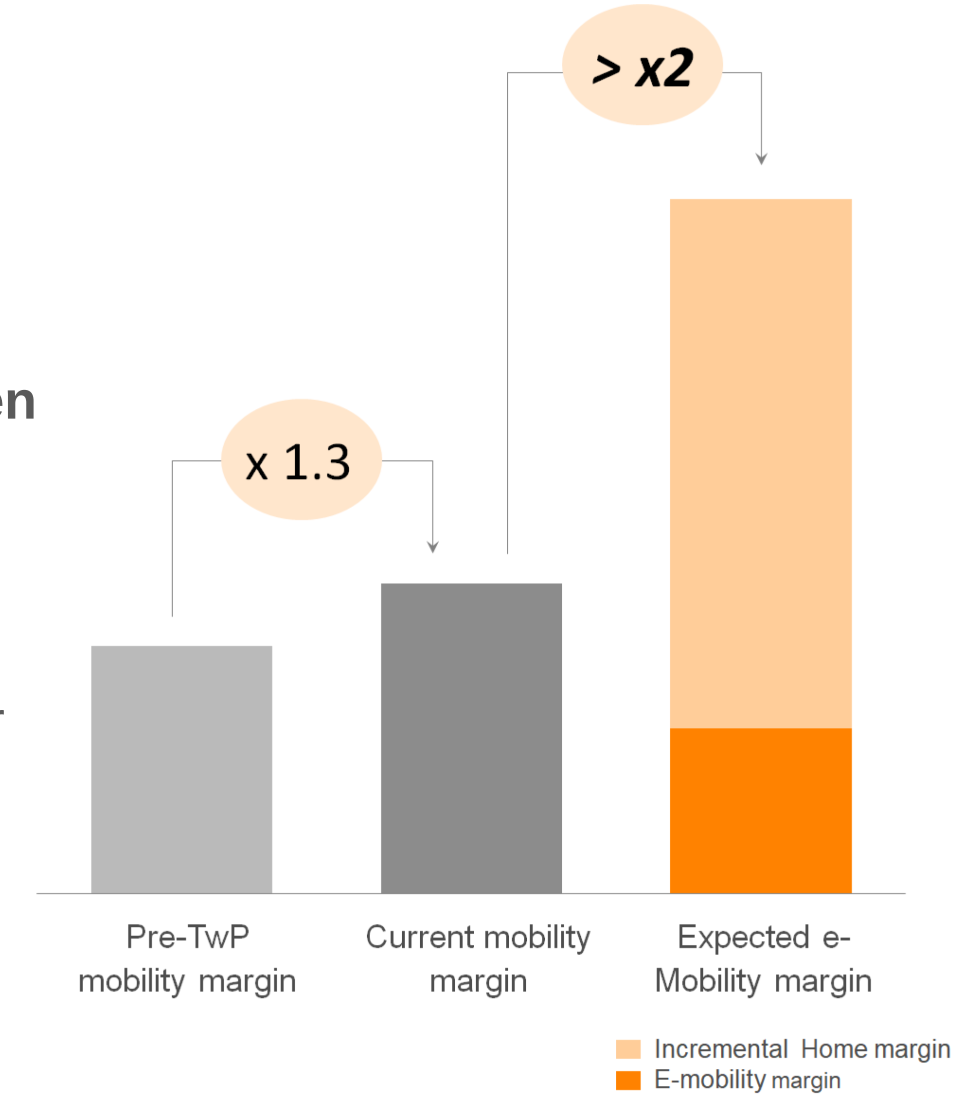
Committed to develop a charging network in Iberia focused in **fast and ultrafast** chargers in main transport corridors



A **very synergistic** business with attractive economics for Repsol

The economics of E-Mobility & home power consumption are **even more attractive for Repsol than those of traditional mobility**

More than double growth in enhancing contribution margin per customer



Contribution margin per customer (€/customer) –
Traditional mobility customers vs. E-mobility customers

Setting the new business priorities

Upstream

Yield and Focus

Industrial

Yield and New Platforms

Customer-centric

Yield and Transformation

Low-carbon generation

Business Build

Developing a competitive renewable player with international platforms

Low-Carbon Generation

20 GW

Increased Renewables capacity by 2030

- **+15% RES ambition to 6 GW (2025)**
- **+60% RES ambition to 20 GW (2030)**
- Hecate optionality: RoFos and takeover
- Balanced technology mix: solar, wind & hydro
- Hybrid projects and storage 4.3 GW pipeline
- Relevant presence in OECD markets

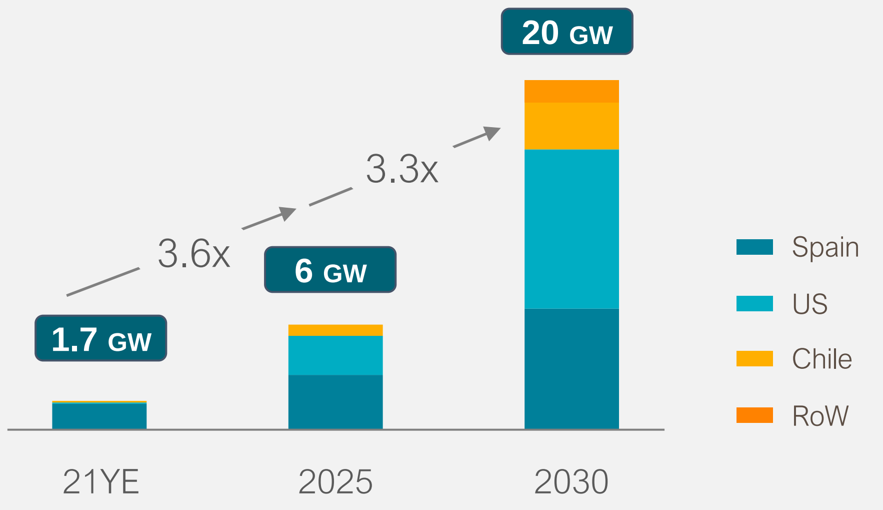
>10%

Best-in-class Equity IRR

- Capturing full yield of every project phase:
  - Top development and operational capabilities
  - Optimal Structuring and financing
  - Differentiated Energy & risk management
  - Asset rotation of operational assets

Selectively investing to create value

Accelerating our ambitions from a sizeable, tangible and technologically and geographically diversified pipeline of renewable projects



Notes: assuming Hydro is entirely in Spain and considering 100% in Spain and International (excl. Chile) and 50% JV stake in Chile; US Solar includes Solar PV plus Battery Storage.

Strong portfolio of advanced stage projects with short term material growth and robust profitability

REPSOL

Spain

PI (2 plants)
Capacity: 175 MWp
Technology:

Hydroelectric plants
Capacity: 699 MWp
Technology:

Delta I
Capacity: 335 MWp
Technology:

Additional pipeline
Capacity: 851 MW[1]
Technology:

Windfloat (PT)
Capacity: 5 MWp
Technology:

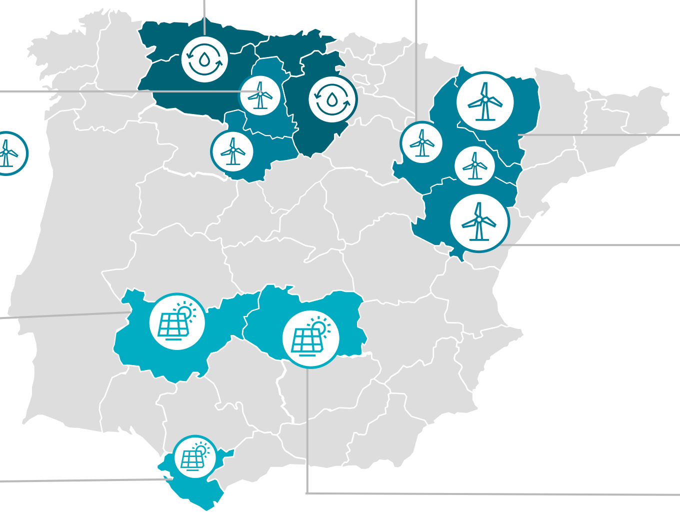
Delta II (phase 1)
Capacity: 253 MWp
Technology:

Valdesolar
Capacity: 264 MWp
Technology:

Delta II (phase 2)
Capacity: 612 MWp
Technology:

Sigma
Capacity: 204 MWp
Technology:

Kappa
Capacity: 126 MWp
Technology:



Chile

Elena
Capacity: 270 MWp
Technology:

Antofagasta
Capacity: 397 MWp
Technology:

Cabo Leonés III ph. 1
Capacity: 39 MWp
Technology:

Atacama
Capacity: 90 MWp
Technology:

Cabo Leonés III ph. 2
Capacity: 55 MWp
Technology:

Operating | Under construction / secured | High visibility pipeline

Hydro | Solar PV | Wind | Wind & Solar PV

(1) Greenfield projects with interconnection rights, including solar hybridization projects in wind portfolio

Hecate acquisition

De-risking the ambition

The acquisition of a stake in Hecate Energy allows Repsol to create a high growth renewable platform with strong development capabilities in the US

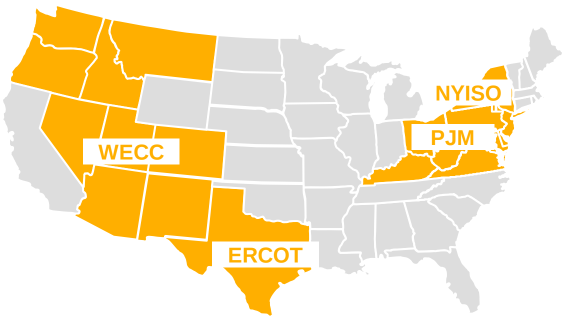
Minority stake (40%) of Hecate Energy, leading independent developer with a portfolio of more than 40 GW of utility-scale PV solar and battery storage projects in the U.S.

- One of the largest, and regionally diversified, solar PV portfolios in the U.S.
- 16.8 GW pipeline (Early and mid term projects) and 4.3 GW Storage Capacity through Hecate Grid

Participation in the development (being able to influence and decide EPC and PPA before the transfer) **phase while maintaining preferential position to build the Renewable position in the USA**

- Access to Hecate pipeline (at Repsol sole discretion)
- Parallel incorporation of Repsol OpCo to develop, construct and operate new GW in USA
- Potential full acquisition in year 3 at Fair Market Value

Well-diversified footprint across the most attractive US energy markets…



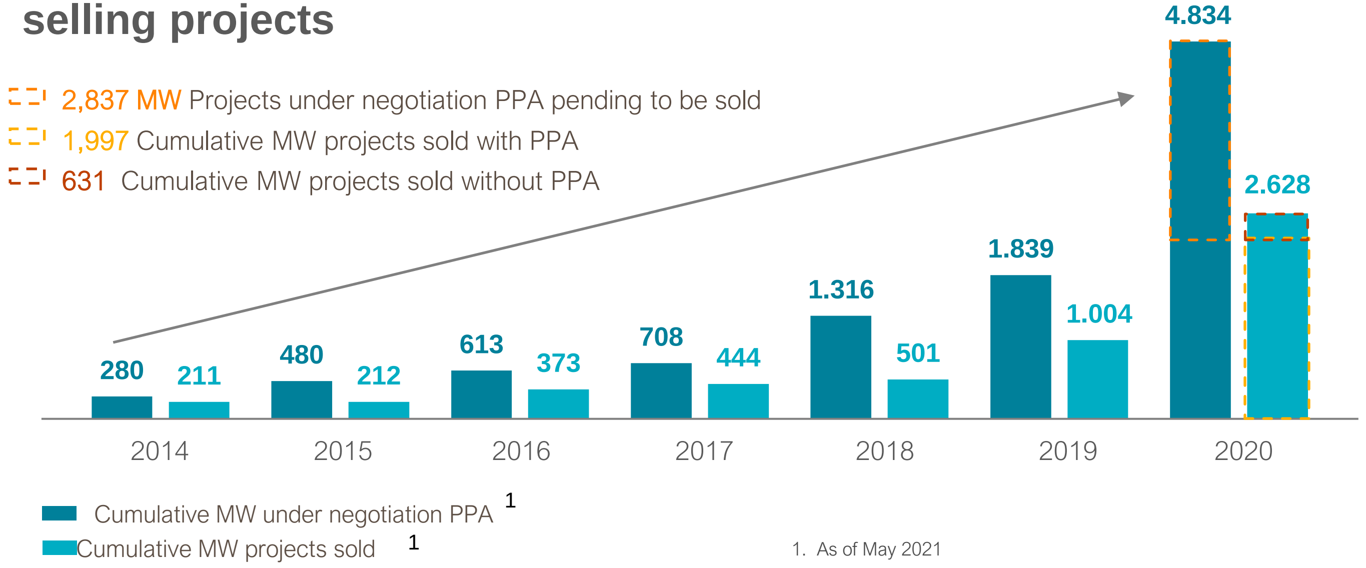
Early and mid term projects

16.8 GWdc

Solar PV
13.8 GWdc

Batteries
3.0 GWdc

… and a strong track record developing and selling projects



1. As of May 2021

Operating

Jicarilla 2

(62.5 MWdc, Solar - New Mexico)

Under construction/Secured

Jicarilla 1 Solar + Storage

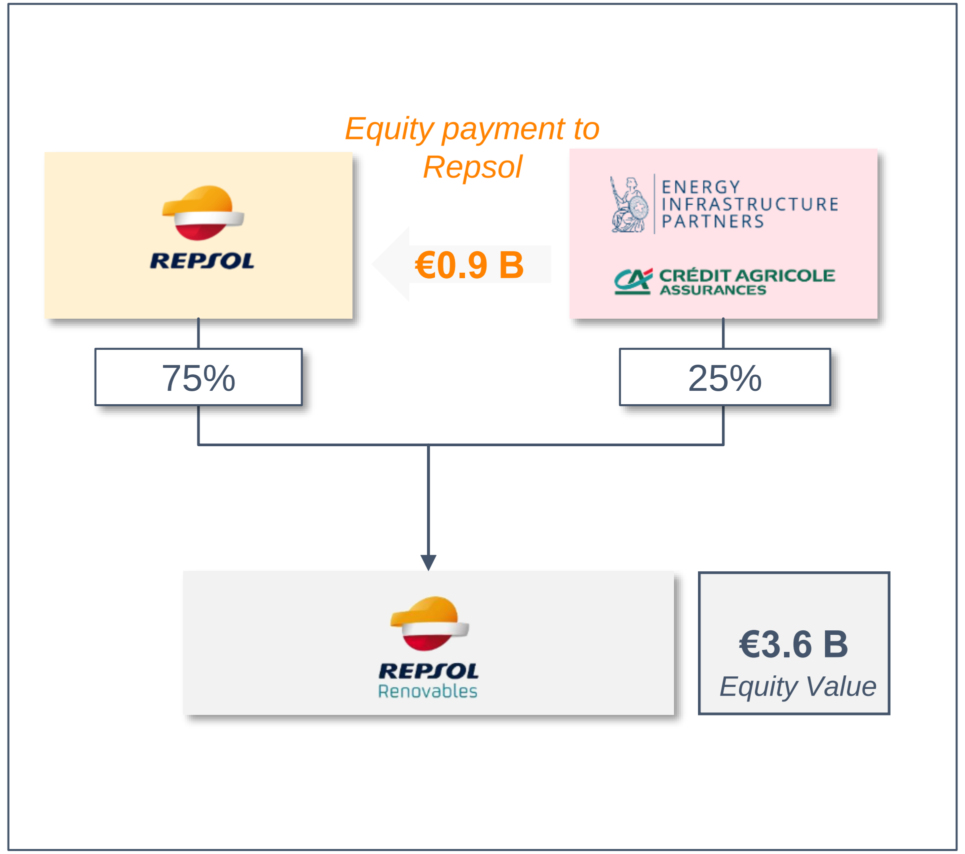
(62.5 MWdc + 20 MW, Solar+Batteries - New Mexico)

Frye

(637 MWdc, Solar - Texas)

EIP - Crédit Agricole acquisition of 25% Repsol Renovables equity stake for €0.9 B

Value crystallization through partnerships



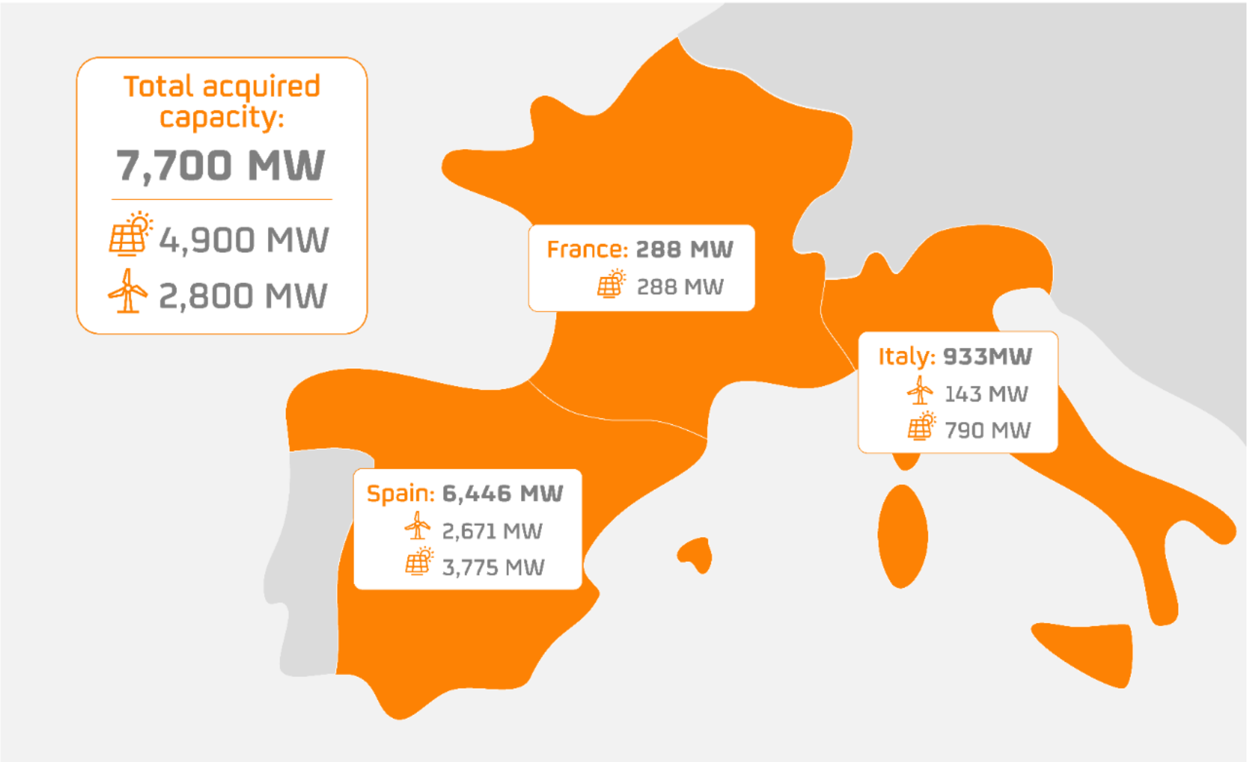
Transaction Overview

- **Price implies valuing Repsol's renewables business at €4.4 B**, including debt
- **Partnership with reputable, experienced investors specialized in the renewable sector** and with a long-term view
- **Represents a validation of Repsol's strategy in renewables** and reinforces, through investment commitments, the achievement of the objectives set out by the company
- Demonstrates the **strength of the renewables growth model** that Repsol has built in the last three years
- **Delivers stated objectives** to bring in minority partner committed to Repsol's 2025 and 2030 capacity targets
- **Repsol retains control** of the vehicle and consolidation

Asterion acquisition helps to de-risk 2025 and 2030 capacity addition targets

De-risking the ambition

ASTERION
ENERGIES



7.7 GW

OECD Countries

€560 million[1]

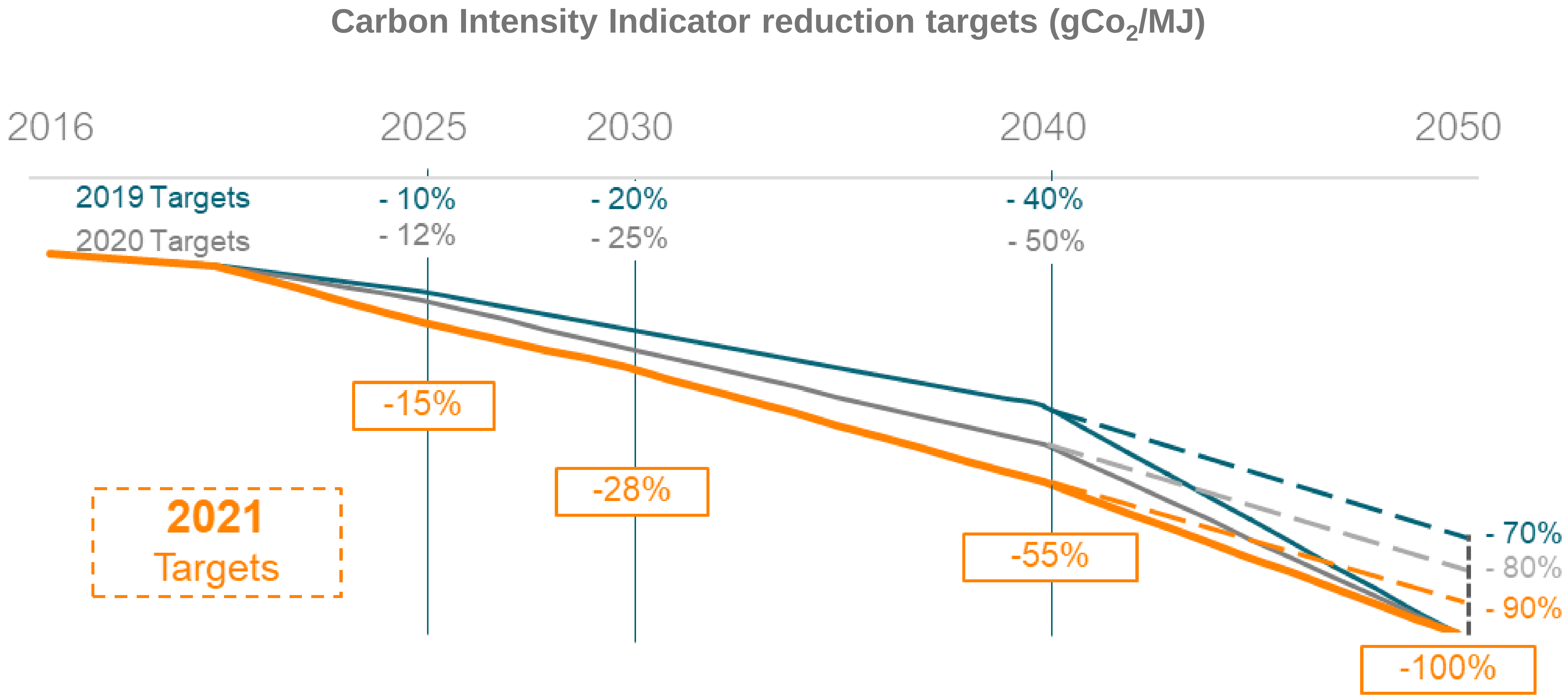
Wind/ Solar Balance

(1) Price to be paid, once closed, includes also a contingent payment of €20 million additional to this figure

Decarbonization
Metrics and targets

04.

Repsol's key metric and target driving our strategy



Repsol's set of key metrics and targets, with one core metric

REPSOL

Carbon Intensity reduction (% CO_2e/energy)

- 2025-2030-2040-2050 w/ scope 3 included
- Three metrics for scope 3: primary energy*, end-user sales**, total sales**

Absolute emission reduction (% of CO_2e)

- Scope 1+2 operated 2030*
- Scope 1+2+3 net 2030*

Emission reduction E&P

- Methane intensity 2025 (%methane/gas output)*
- Routine flaring reduction 2025 (%)*
- Emission intensity reduction 2025 (%CO_2/boe)*

Business metrics driving CO_2 emissions

- GW renewable power generation capacity: 2025-2030*, 2040-2050**
- Ton/yr production of renewable liquid fuels: 2025-2030*, 2040-2050**
- GWe production of renewable hydrogen: 2025-2030*, 2040-2050**
- E&P production** (boed)
- Oil processed in refineries** (ton/yr)

Capital allocation (% of total capital allocated to low-carbon)

- % Capex* 2021-2025,** 2030-2050
- % Capital employed* 2030,** 2040-2050

(*) Firm targets under any scenario (**) Projections linked to IEA SDS and NZE macro scenarios

Delivery

05.

Strong strategic delivery towards long-term targets

Key messages 2022

€6.7 B Adj. Net Income 2.7x vs 2021	**€8.9 B** CFFO +64% vs 2021
€2.3 B Net Debt[1] -61% vs Dec'21	**8%** Gearing -12.2 p.p. vs Dec'21

Accelerating transformation

- **Strategic partnerships in Upstream and Renewables** crystallize value and liberate capital to accelerate shift to Low Carbon (~ €4.3 B combined proceeds)
- **High-grading Upstream portfolio** through divestments and new FIDs
- Adapting to **strong Refining environment**
- Expanding **Commercial digital loyalty program**
- **Developing Renewable project pipeline.** Acquisition of **Asterion Energies**

Increasing shareholder remuneration

- **Distributing 25-30% of CFFO** through a **combination of dividends and buybacks**
- **Dividends: +5% in 2022** (to 0.63 €/sh) and **+11% in 2023** (to 0.70 €/sh)
- **Buybacks: 200 M shares cancelled in 2022. New 50 M shares capital reduction** to be executed **before end-July'23**
- **Delivered by 2022** all the **share buyback commitments** of '**21-25 Strategic Plan**

Strengthening financial position

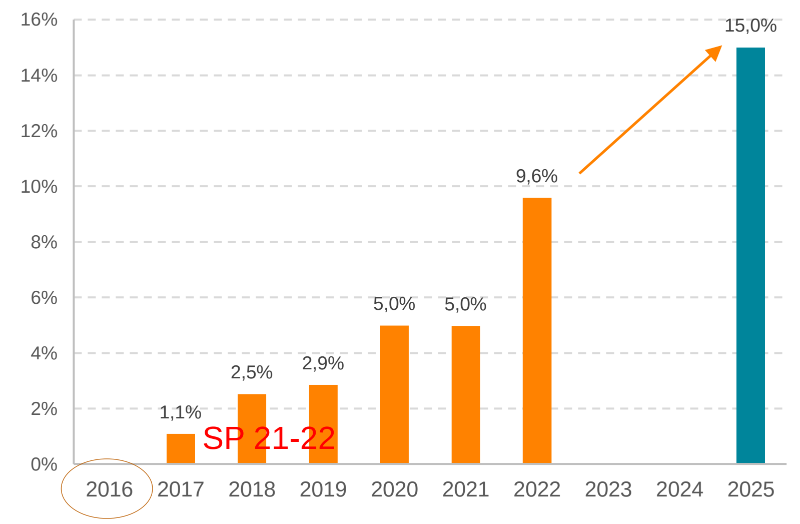
- **Net positive cash position ex-leases**. **Rating upgrades** by S&P and Moody's

1. Includes leases

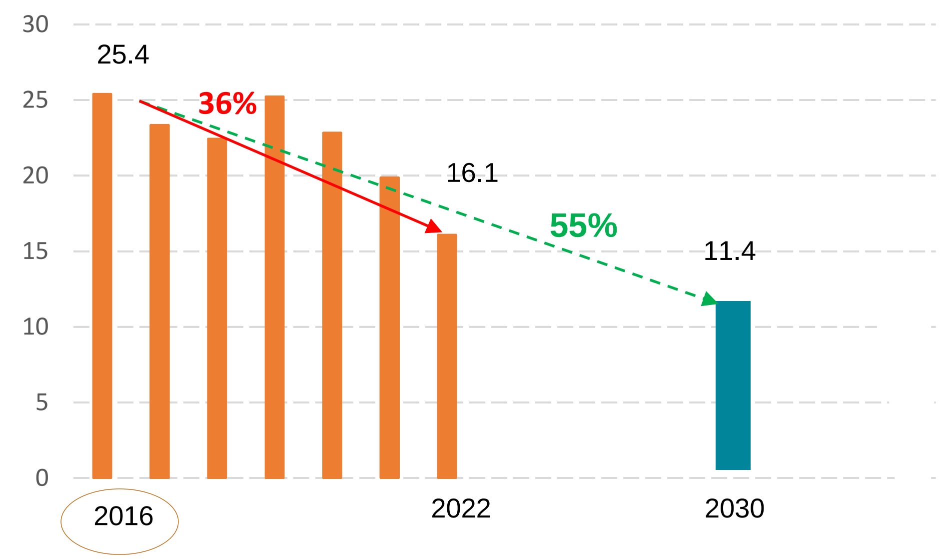
Progress towards 2025 and 2030 decarbonization targets

Decarbonization delivery (SP 21-22)

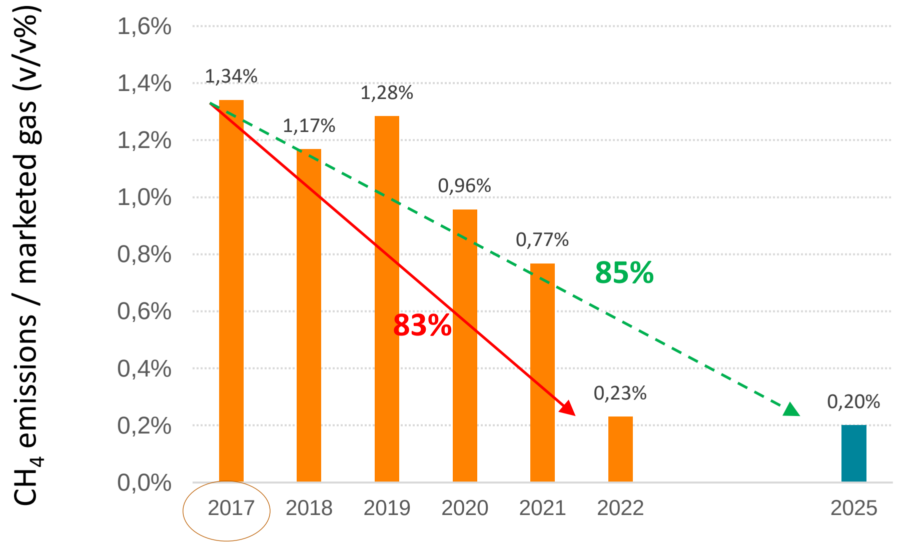
% reduction CII 2025



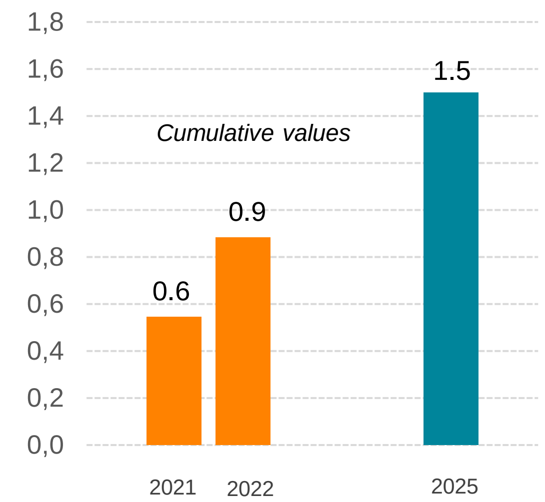
Scope 1+2 reduction 2030 ($MtCO_2e$)



Methane intensity reduction 2025



CO_2e Reduction Plan 2021-2025



Year of reference

Real value

Target

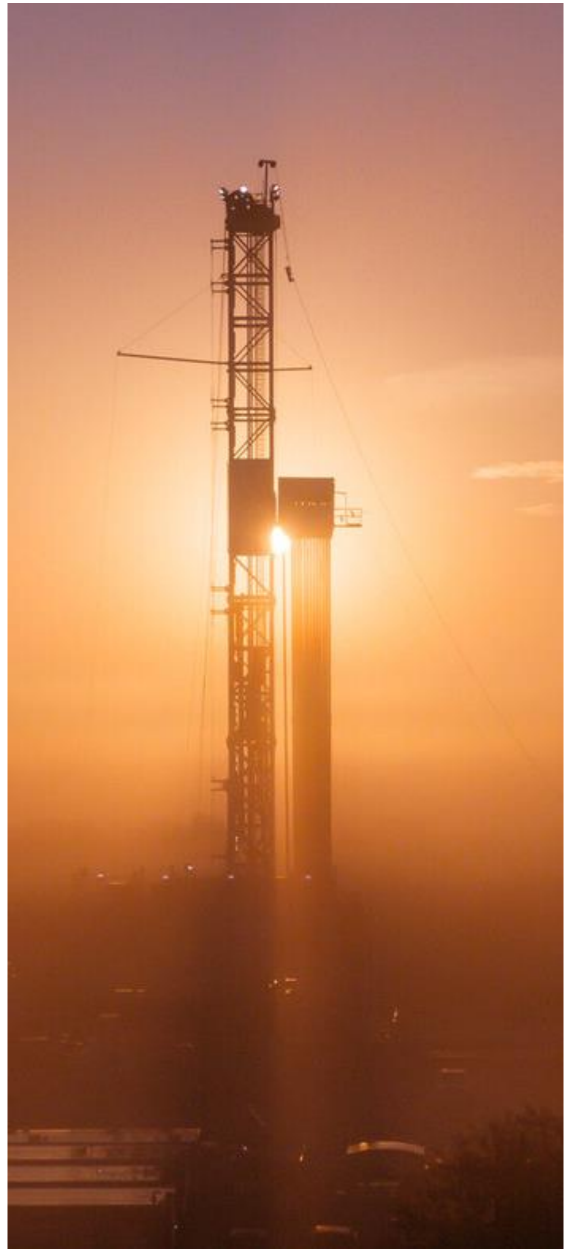
Organic cash flow generation supports increased distributions and capex

Outlook 2023

Cash Flow from Operations	**~ €8 B**	80 $/bbl Brent 4 $/Mbtu Henry Hub 9 $/bbl Refining margin indicator
Organic Capex	**~ €5 B**	47% Upstream 23% Industrial 30% Commercial and Renewables
Shareholder remuneration	**25 - 30% of CFFO**	**+11% dividend** to 0.70 €/share **50 M shares capital reduction** before end **of July'23** **Further buybacks** to reach CFFO distribution target

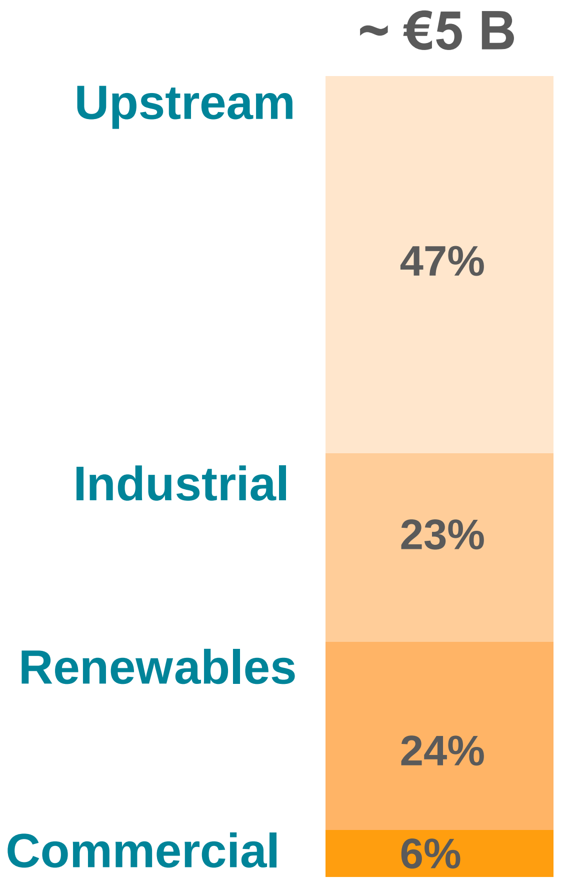
Investment focus on Upstream and Low Carbon initiatives

Capex 2023



Organic Capex 2023

35% in Low Carbon initiatives
86% in OECD countries



~ 70% in projects with **FID already taken**
> 80% in **production growth** projects
> 60% in North America

1st phase of **Pikka.** Additional wells in **Marcellus** and **Eagle Ford**
Development of **Leon-Castile, Buckskin** and **Shenzi North** in **GoM**

Advanced biofuels: **C-43** project
FIDs **electrolyzers** plants
Expansion of Sines petrochemical plant in Portugal

~ 50% **Spain**: development of Delta II and Pi wind projects
~ 40% **US:** development of the Frye solar project (Texas)

Investor Update

March 2023

Stepping up the Transition

Driving growth and value

The Repsol Commitment
Net Zero Emissions
by 2050