

# Investor Update

## September 2020

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In October 2015, the European Securities Markets Authority (ESMA) published the Guidelines on Alternative Performance Measures (APM), of mandatory application for the regulated information to be published from 3 July 2016. The information and breakdowns relative to the APMs used in this presentation are included Annex I "Alternative Performance Measures" of the consolidated Management Report corresponding to the fiscal year 2019 and on the Repsol's website.

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

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# Company overview



### New business segments aligned with strategic vision Company overview







New business segments reflect Repsol's multi-energy and ESG-ready approach

## **Repsol: a unique, integrated global position** Company Overview



Upstream



Production<sup>1</sup> 709 Kboe/d

Proved reserves<sup>1</sup> ~2.1 Bboe 66% gas

4 areas North America, Latin America, Europe, Africa Asia, Russia, RoW<sup>3</sup> Industrial



Refineries 6

Refining capacity 1 Million bbl/d

Top quartile position among European peers

Largest coking capacity in Europe Total production capacity<sup>2</sup> ~4.7 Millions tons

Synthetic Rubber One of the largest producers in the world



**Commercial and Renewables** 



Service stations >4,900 >1,000 (operated)

> Clients 10 Million

Installed generation capacity ~ 3 GW

Project pipeline<sup>4</sup> ~ 2 GW

Retail clients > 1 Million

#### Yield & Focus

Yield & Tier1

#### **Profitable growth**

1. As of 31/12/2019. Production in 1H20 675 kboe/d 2. Base Chemicals ~2.5 Millions tons/y and Derivative Chemicals ~2.2 Millions tons/y. 3 Rest of the World. 4. Joint Venture with Ibereólica in Chile is not included.

## Worldwide presence Company Overview

base managed under ESG criteria





### **Integrated model and portfolio flexibility to withstand crisis** Company Overview



Tier-1 Resilience Plan that stands out in the sector

2020 self-finance commitment to face the crisis: Net Debt flat vs. Dec'2019

Sustainable multi-energy project: decarbonization strategy reaffirmed

- Reduce Carbon Intensity indicator by 3% in 2020
- **7.5 GW low carbon generation** target by 2025
- **Reduce CO<sub>2</sub> emissions** in all businesses

Industry leading dividend yield

Repsol is a renowned resilient leader to navigate through down cycles

e inversiones, generando caja en escenanos de preciós retadores

### Increasing shareholder remuneration and full buyback of scrip Company Overview



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#### Buyback program in 2019:

#### 71.4 M shares of capital reduction

#### Share capital of 1,527.4 M shares as of the end of 2019

The fixed price guaranteed by Repsol for the bonus share rights awarded under the "Repsol Flexible Dividend" program was 0.761 €/s in 2017, 0.873 €/s in 2018, 0.916 €/s in 2019 and 0.916 €/s in 2020.

# Resilience plan



### **Resilience Plan delivering above original targets** Resilience plan 2020



Original target 1H20 captured New 2020 estimate Opex savings €450 M €350 M > €250 M **Delivering above** original targets €1,000 M €1,100 M Capex savings > €550 M WC optimization €800 M >€300 M €800 M

Self-financed Resilience Plan 2020 expected to exceed the €2.2 Bn of initially targeted cash savings

### **Solid financial position that covers debt maturities until 2030** Resilience plan 2020



Reinforced liquidity position and financial strength

Total liquidity covers 2.43x debt maturities until March 2030, without need of refinancing

- 2 senior bonds for €1.5 Bn issued in April
- 2 new perpetual subordinated bonds for €1.5 Bn issued in June
- Repurchase of €0.6 Bn of the €1 Bn perpetual subordinated bond NC 2021 issued in 2015
- ~€1.6 Bn increase in committed credit lines during 1H20



RatingS&PFitchMoody'sBBBBBBBBBBaa2Stable outlookStable outlookNegative outlook

With these measures, and in the current conditions, net debt by the end of 2020 will remain in line compared to Dec'2019



# Highlights 2Q20



## **Upstream: immediate response to the COVID-19 crisis through instant capex flexibility and opex efficiencies** Highlights 2Q20





## **Industrial businesses impacted by COVID-19** Highlights 2Q20



**Refining** Premium in the CCS unit margin despite adverse scenario and lower

utilization

- All refineries remained operational during the crisis
- 3.0 \$/bbl Refining margin indicator
- 69.9 % distillation utilization
- 82.4 % conversion utilization
- **Chemicals** Resilience through the crisis
- Higher international margins offset by lower prices and narrow naphtha-propane differential
- IQOXE<sup>1</sup> back onstream in May

**Trading** Strong second quarter Leveraged on volatility and contango

**Peru** Solid performance • Stronger refining margins y-o-y **Mobility getting back to normal, while progress in Low Carbon continues** Highlights 2Q20

#### Mobility

- Service Stations: 48% sales decrease 2Q20 vs. 2Q19
- Gasoline and diesel demand recovery: ~10-15% below 2019 level in July
- Kerosene demand remains very weak: ~80% below 2019 level in July



Gas & Power

- Higher margins foster robust performance in both businesses
- 64,000 net new customers (+6% YTD)
- *"A label"*: highest environmental certification for the electricity marketed by Repsol
- 3 renewable power generation projects under construction

   Delta: 335 MW
   Kappa: 127 MW
   Valdesolar: 264 MW

# Fuel demand monthly variation in Spain 2020 vs. 2019 [Mm3]



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Results (€ Million)	<b>QS 2050</b>	Q1 2020	Q2 2019	1H 2020	1H 2019
Upstream	-141	90	323	-51	646
Industrial	8	288	177	296	448
Commercial and Renewables	42	121	128	163	265
Corporate and Others	-167	-52	-131	-219	-244
Adjusted Net Income	-258	447	497	189	1,115
Net Income	-1,997	-487	525	-2,484	1,133

 €1,289 M post-tax impairment in the Upstream following reduced price assumptions for 2020 and 2021:

(Real terms 2020)	2020	2021	Avg. 2020-2050
Brent (\$/bbl)	43	49	59.6
HH (\$/Mbtu)	2	2.7	3.3

#### • Inventory effect: €-0.3 Bn



# Net zero emissions 2050



### **Strategy towards achieving net zero emissions in 2050** Net zero emissions 2050



#### New emissions reduction objectives of Carbon Intensity Indicator<sup>1</sup>



# Our challenge: Lead the Energy transition in line with the objective of the Paris

**Agreement** to limit the increase in global temperature to bellow 2°C

#### 1<sup>st</sup> oil & gas company:

- to support the Kyoto Protocol
- to align with the Paris Agreement
- to assume net zero emissions ambition by 2050

#### Sustainability embedded in decision making

 Management and Employees remuneration linked to delivery of Sustainability targets

Repsol will be a net zero emissions Company with in 2050, a pioneer in the sector in setting this objective

# Natural gas and energy efficiency as main levers

Net zero emissions 2050



Natural Gas role

64% of our production

71% of our reserves

Committed to reducing the intensity of methane emissions



Reduce our Energy Consumption and GH emissions

**3 million tons reduction** of  $CO_2$  eq for the **2018–2025** period

The first Energy Company to issue a Green Bond to invest in Energy efficiency **5** Low Carbon

Generation and commercialization of renewable electric Energy.

**7.5 GW** installed capacity by 2025

Internal CO<sub>2</sub> Price deck that will guide and prioritize its investments Technological developments

Capture, usage and storage of  $\mathrm{CO}_{\mathrm{2}}$ 

Net zero emissions solutions (*e-fuels*, Green Hydrogen and NCS<sup>1</sup>)

R+D in Repsol Tech Lab

Collaboration with our partners (OGCI)

Repsol will contribute with determination to achieve a more decarbonized economy and planet

1. NCS: Natural Climate Solutions

# Upstream: cash generator in challenging price scenarios

Net zero emissions 2050





#### Portfolio improvement

#### Assets

Geographical concentration Ability to generate cash in low price scenarios Low capital intensity

#### Resources

Development according to price scenarios

#### **Capex and Exploration**

Unconventional **investment flexibility** and short cycle projects

Optimization of investments in ongoing projects, declining assets and abandonment activities

#### Exploration

Focused on productive basins, seeking for synergies and optimizations

#### **Energy Transition**

#### **Emission reductions**

Methane: 25% in 2025 Routine Flaring: 50% in 2025 and 100% in 2030

**No activity** in offshore arctic and oil sands

**Investment decisions** with **sustainability** criteria

Prioritization of value over volume, with active portfolio management and investment flexibility, generating cash in challenging price scenarios

# Industrial: circularity and emission reduction

Net zero emissions 2050





**First quartile** of European refining Optimization and digitization

#### **Emission reduction**

Energy efficiency Low emission raw materials

#### New technologies

Green Hydrogen Carbon Capture, Use and Storage

#### **Biofuels**

Double production (600,000 t in 2025) Waste-originated and circular economy: 250,000 t in 2025 and 600,000 t before 2030



#### **Raw materials**

- Flexibility
- Increasing presence of circular raw material

#### **Carbon intensity reduction**

#### **Differentiation and specialties**

Health, Nutrition, Well-being sectors Light materials, insulation and energy efficiency Materials for renewables

#### Recycling and circular economy

20% polyolefins with recycled content in 2030

Circularity and emission reduction are the basis of our differentiation in the Industrial business

# Commercial and G&P: customer centric, multi-energy offer



Net zero emissions 2050



Customer centric and integrated energy offer

#### Innovative products and services

Digitalization Customer integration in production CO<sub>2</sub> emissions compensation with

Waylet and Wible

#### Electric Vehicle charging stations in Spain

- +1,200 recharging points
- 35 fast recharging points
- 2 ultrafast recharging points

# Gas & Power

**7.5 GW** low carbon generation target by 2025
 Actual installed capacity: ~ 3 GW
 Renewable power generation under construction or advanced development: ~ 2 GW

Spain market share: 5% in 2025

International expansion

#### **Products and services**

100% low emissions electricity (certified) Energy efficiency solutions (100% renewable self generation, efficiency studies, etc.)

Multi-energy customer centric company, with an integrated value proposition, differential and focused on renewable energy

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# Upstream



## Four regions in the portfolio Upstream





### **Exploration success in core areas** Upstream



6 discoveries in 2020 with combined gross resources of more than 650 Mboe

#### **Gulf of Mexico**

- US: Monument (WR 272 block)
  Mexico: Polok and Chinwol discoveries
- (deepwater Block 29 in the Salinas Basin)

#### Alaska

- Mitquq and Stirrup positive results
- Flow tests exceeding expectations

#### Colombia

- Positive results of the Lorito well (CPO-9 block)
- Provides continuity of the Akacias project



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# Industrial



## **Top quartile Refining position among European peers** Industrial



#### 5 refineries optimized as a single system



#### Fully invested, well prepared to capture IMO effect

- Repsol has the largest coking capacity in Europe (25% coking share while 6% of total distillation capacity) with coking process becoming highly profitable during IMO
- Strong Product Slate: Repsol larger middle distillates production with very low Fuel Oil yield (5-7%)

#### Top quartile position among European peers<sup>(1)</sup>



Middle distillates deficit<sup>[2]</sup>



## **Two major pioneering decarbonization projects** Industrial



One of the world's largest plants to manufacture net zero emissions fuels

Benefiting from Spain's renewable resource to reduce the CO2 emissions associated to the use of our products [Scope 3]

#### Plant for generation of gas from urban waste

 Replacing part of Petronor's production process traditional fuels, reducing emissions from our operations (Scope 1+2) and promoting circular economy



Anticipating the refinery of the future and moving towards our net zero CO2 ambition

## **Competitive positioning in Chemicals** Industrial

525 KT/v





# Commercial & Renewables



# Multi-energy offer with ~3 GW installed capacity of clean energy 🚽

Commercial and Renewables

More than 4,900 service stations in 5 countries

- Customer-centric with 10 million customers and strong energy brand
- Leadership in **convenience retail** with enhanced **digital** capabilities
- Fuel market share: Spain: 37% (#1)
   Portugal: 26% (#2), Peru: 22% (#2)
- Expand into new geographies: 345 contracts signed in Mexico



#### International expansion in Lubricants

- Leadership in Spain
- Expand international presence (Asia, Latam)
  - Partnership with Bardahl (Mexico) and United Oil (Indonesia)





#### LPG leader in Spain

- Spain LPG share: 74%
- Portugal LPG share: 18%
- Consider growth opportunities in hinterland

# ~3 GW Installed capacity of clean energy



#### Customer at the center of our operations

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# Accelerated delivery of 2025 objectives in Low Carbon

Commercial and Renewables





**Repsol brand and channels** have proven successful in **enhancing the low carbon gas and power retail business**:

✓ > 1 million clients (+33% increase in one year)

# Entry in Chile's renewable market

Commercial and Renewables



#### Initiating international expansion in renewables

- Joint Venture with Ibereólica
   (50%) option to control the JV after 2025
- Cash out does not jeopardize the Resilience Plan 2020
- Projects by 2025 in Chile will add
  - ~ 0.8 GW (net to Repsol)

# Diversified portfolio (52% wind and 48% solar) of up to 2.6 GW

- 78 MW in operation
- 1.6 GW of projects under construction (110 MW) or in advanced development stage (1.5 GW) to be installed in the next five years:
  - 3 wind
  - 2 solar
- Additional 1 GW projects planned to 2030

Making important progress towards our goal of operating 7.5 GW of low carbon generation by 2025

JV

portfolio

# 8

# Outlook 2020



# **Preserving the balance sheet and investment grade** Outlook 2020



	FY2		
Operating	Production	650 kboed	<ul> <li>Assumes Libya producing from 4Q20</li> </ul>
metrics	Ref. margin indicator	<b>3.8 \$/bbl</b>	Uncertain demand recovery
Financial outlook	Net Debt (Dec'20)	≤ €4.2 B	<ul> <li>In line with 2019 without the positive effect of hybrid issuances</li> </ul>
Energy	Carbon intensity indicator	-3%	• Vs. 2016 baseline
transition	CO2 reduction	-2.1 Mtn CO2	• From 2014

Repsol ensures its short term financial strength to progress in its commitment to become a net zero emissions company by 2050 9

# Historic data book



### **Environment and Repsol group** *Historic data book*



MACRO ENVIRONMENT									
International References	Unit	2017	2018	2019	Spreads vs. Brent (\$/b	obl)	2017	2018 2	019
Brent	(\$/Bbl)	54.2	71.3	64.2	Maya - Brent		[9.7]	[10.6]	[11.1]
WTI	(\$/Bbl)	50.9	64,9	57.0	Ural - Brent		[0.9]	[1.1]	[0.4]
Henry Hub	(\$/MBtu)	3.1	3.1	2.6	Gasoline - Brent		12.0	8.7	8.4
Average exchange rate	[\$/€]	1.13	1.18	1.12	Diesel - Brent		13.1	15.8	16.2
Algonquin	(\$/Mbtu)	3.7	4.8	3.2	Fuel oil - Brent		[7.2]	[9.2]	[13.1]
				- 53	Naphtha - Brent		0.4	[3.1]	[7.6]
Refining indicators	Unit	2017	2018	2019					
Refining margin indicator (Spain)	\$/bbl	6.8	6.7	5.0					
Distillation utilization (Spain)	%	93.6	92.9	88					
Conversion utilization (Spain)	%	104.4	106.6	103					
			I	REPSOL GR	ROUP				
	Sharen a								5
Main figures (M€)		2017	2018	2019	Ratios	Unit	2018	2019	A R
Adjusted Net Income		2,131	2,352	2,042	Net debt	M€	(3,439)	(4,220)	Ĩ
Upstream		632	1,325	1,050	Net debt/Capital employed	1 %	10,0	14,3 <sup>3</sup>	
Downstream		1,877	1,583	1,456	Net debt/EBITDA CCS	х	0,45	0,59	
Corporate and others		(378)	(556)	(464)					
EBIT		3,214	4,396	3,661	Credit metrics	Rating	Outlook	Last revie	W
EBITDA CCS		6,580	7,619	7,201	Standard & Poor's	BBB	Stable	March 25, 20	20
NET CAPEX		2,856	388	3,776	Moody's	Baa2	Negative	April 02, 20	20
CAPITAL EMPLOYED <sup>1</sup>		36,330	34,353	33,292	Fitch	BBB	Stable	April 02, 20	20
Upstream		21,612	21,515	17,205					
Downstream		9,749	11,338	14,078					

<sup>1</sup> Capital employed below 2.3 Bn€ in each single country. Capital employed without leases 29,556 M€.

4.969

1,500

2.009

<sup>2</sup> In 2017, 3,224 M€ Capital employed in discontinued operations.

<sup>3</sup> Without leases

Corporate and others<sup>2</sup>

### **Upstream** Historic data book



			-32		1.55		
	Production			Proven reserves			
	Kboe/d			Mboe			
	2017	2018	2019	2017	2018	2019	
Europe	51	60	61	59	102	88	
Latin America	348	342	333	1,490	1,419	1,196	
North America	174	175	182	504	535	619	
Africa	38	58	61	128	129	127	
Asia	85	79	73	174	154	109	
Total	695	715	709	2,355	2,340	2,139	

Realized prices		Oil			Gas	
\$/Boe	2017	2018	2019	2017	2018	2019
Europe	55.2	71.2	64.5	34.2	46.8	25.8
Latin America	47,0	59.6	52.4	13.3	15.9	12.9
North America	47.4	58.5	55.0	14.6	14.0	12.5
Africa	52.8	71.1	63.3	27.1	29.5	25.9
Asia	51.2	67.3	61.2	29.6	37.7	36.7

Net Acreage	Development			Exploration			
km²	2017	2018	2019	2017	2018	2019	
Europe	1,199	1,122	1,132	15,373	11,922	17,377	
Latin America	4,475	4,827	4,822	47,763	90,959	44,602	
North America	5,234	4,698	5,064	5,503	9,998	7,278	
Africa	2,744	2,605	2,605	22,389	10,590	6,845	
Asia	4,105	2,951	2,454	96,598	98,152	94,032	
Total	17,757	16,203	16,077	187,625	221,621	170,134	

	A			
Main figures (M€)	2017	2018	2019	
Adjusted Net Income	632	1,325	1,050	
EBIT	1,009	2,514	1,969	
EBITDA	3,507	4,801	4,255	
INVESTMENTS	2,089	1,973	2,429	

		2017	2018	2019
Total RRR	%	89	94	23

### Downstream Historic data book



2019

520

16

496

15

Tbtu

Tbtu

Gas Sales in North America

LNG regasified (100%) in Canaport

88

74.8

103

44

39.6

4.4

49,932

44,007

21,368

5,925

3,176

829

1,958

2,787

2,289

1,253

1,224

29

608

24

498

	S State	Downstr	eam Assets			
Refining	Refining capacity [kbbl/d]	Converson index (%)	Businesss	Unit	2017	2018
Spain	896	63	Refining			
Bilbao (Petronor)	220	63	Distillation utilization			
Tarragona	186	44	Spain	%	93.6	92.9
Coruña	120	66	Peru	%	89.8	81.7
Puertollano	150	66	Conversion utilization Spain	%	104.4	106.6
Cartagena	-220	76	Processed crude oil	Mtoe	47.4	46.6
Peru	117	24	Spain	Mtoe	41.9	41.6
		the state of the s	Peru	Mtoe	5.4	5.0
Marketing	Service stations (no.)		Marketing			
Total	4,944		Sales of oil products	kt	51,836	51,766
Spain	3,354		Europe Sales	kt	45,081	45,316
Portugal	486		Own network	kt	21,186	21,754
Peru	572		Rest	kt	6,755	6,450
Italy	298		Own network	kt	2,288	2,681
Mexico	234					
			Petrochemicals			
Petrochemical	Capacity (Kt/year)		Basic	kt	978	808
			Derivatives	kt	1,877	1,802
Ethylene	1,214		Total Sales	kt	2,855	2,610
Propylene	864		Europe	kt	2,412	2,137
Butadiene	185		Rest of the world	kt	443	473
Benzene	290		LPG			
ETBE/MTBE	50		LPG sales	kt	1,375	1,330
Polyethylene	793		Еигоре	kt	, 1,356	, 1,304
Polypropylene	505		Rest of the world	kt	19	26
Intermediate products	937		Gas & Power			

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# Investor Update

# September 2020 Repsol Investor Relations

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