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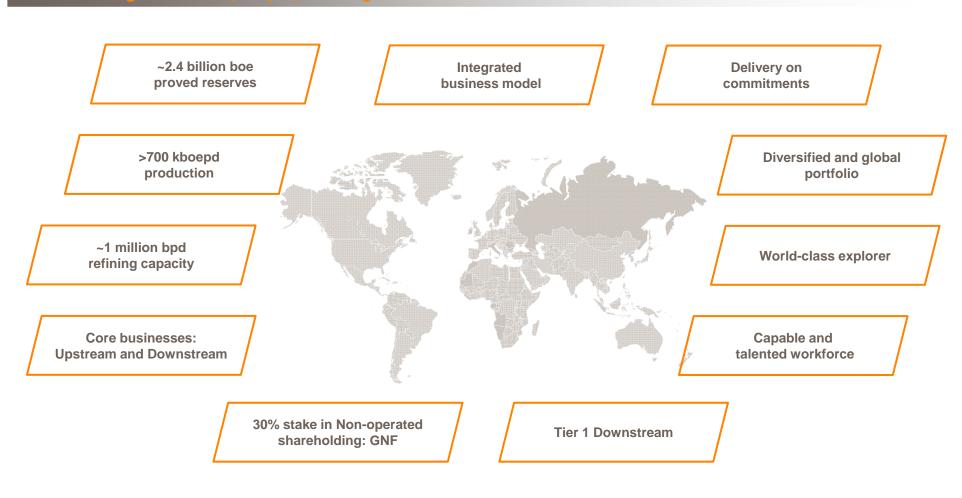


Company Overview



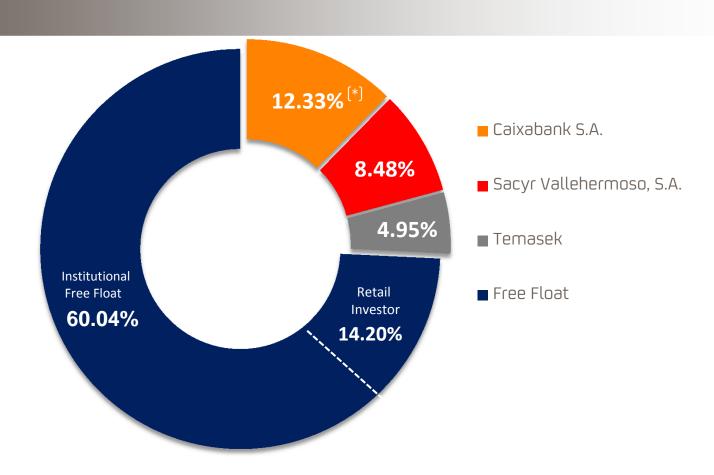
Repsol today

An integrated company operating across the entire value chain





Repsol's Shareholders



Total number of shares as of March 2016: 1,442 million



Key strategic lines 2016-2020



Key strategic lines 2016-2020

VALUE

Shift from **growth to value delivery**, prepared
for the next growth wave

Commitment to maintain shareholder compensation

in line with current company level

RESILIENCE

Top tier resilience among integrated companies

Self-financing strategy even in a stress scenario

FCF breakeven after dividends at \$40/bbl Brent^[1]

PORTFOLIO MANAGEMENT

Capex flexibility

(~46% Capex reduction vs. 2014) [2]

Creating value through portfolio management

(€6.2 B divestments: € 3.1 B in 2016-2017 period)

EFFICIENCY

Synergies and company-wide Efficiency Program

with strict accountability:

€2.1 B/y savings target in 2018 (€1.5 B Opex + €0.6 B Capex)

> 50% target to be achieved in 2016

Creating value even in a stress scenario through efficiency and portfolio management

⁽¹⁾ Repsol released a FCF Breakeven at \$50/bbl on strategic plan 2016-2020 presentation. FCF breakeven at \$40/bbl with the revised scenario.

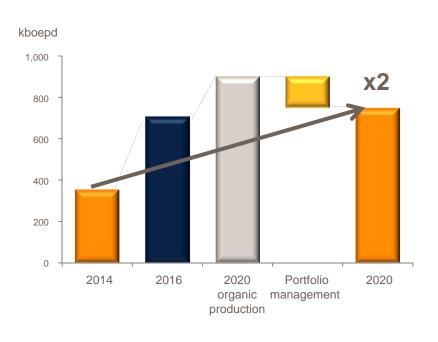
^[2] Repsol released in 2015 full year results presentation an additional investment reduction for 2016-2017 period.



Key strategic lines 2016-2020

Shift from growth to value

// Upstream production evolution //



- Achieved critical mass in E&P business.
- Extensive portfolio of assets and development projects
- Optionality to improve portfolio value by divestments

Achieving optimal size and portfolio mix



Key strategic lines 2016-2020

Portfolio management achievement. Delivery of the €3.1 Bn target for 2016-2017



Wind Power

Sale of our offshore wind power business in the UK for 238 million euros

• After tax capital gain of 109M€



CLH

Sale of Repsol's 10% stake in CLH

- We sold our stake in CLH for 325 million Euros
- Around 300 million Euros of capital gains



Piped LPG

Sale of the Piped LPG business for 788 M€

- Generating an estimated pre-tax capital gain of ~470 M€
- Will be cashed-in mostly in 2016. Capital gains also to be booked mainly in 2016



Alaska dilution

Agreement with our partner Armstrong to dilute our position in North Slope

• Positive impact on our cash flow of around 700 million Euros



E.F. Gudrun

Eagle Ford divestment and acquisition of Norwegian producing assets

- Significant improvement in the cash flow generation in 2015-2017
- Improvement of operations thorough the nomination of a single operator



Yme

Transfer of our 60 per cent stake in the Yme field to OKEA

Saving 200 million euros of decommissioning costs in the 2016-2020 period



TLM Bonds

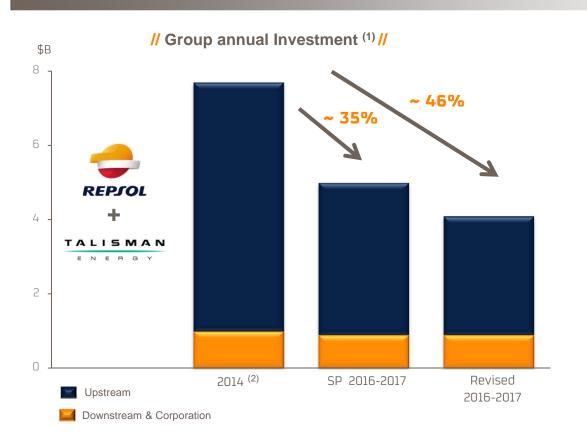
Repsol amortizes part of TLM's debt and reduces its financing costs by >80M\$/year

- Repsol amortizes TLM bonds in the amount of approximately 2.7 billion dollars.
- Total capital gain of approximately 300 M\$ pre tax.



Key strategic lines 2016-2020

Additional Investment reduction for 2016 and 2017 around €1.8Bn



- Capex optimization and implementation of our efficiency measures.
- Low Downstream capital requirements
- Deferring non-critical investment in development and producing assets.
- Keeping 2016 our production level at around 700,000 barrels per day.

Repsol shows flexibility in this challenging environment

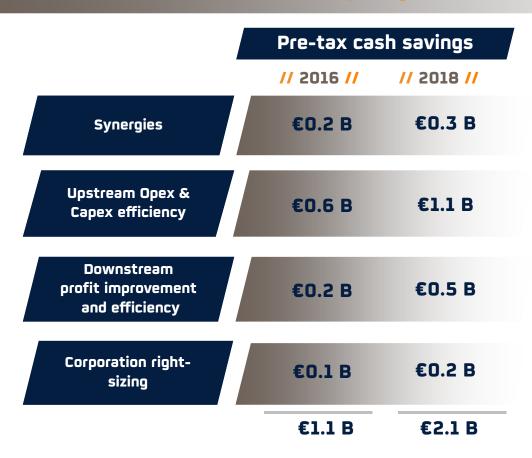
^{1.} Investment does not include G&G and G&A from exploration.

^{2. 2014} Capex figure includes Repsol and Talisman.



Key strategic lines 2016-2020

Strict accountability on Efficiency Program



- Recurrent synergies target increased to 400M\$
- 50% of synergies already implemented
- Upstream program ahead of schedule
 (700 efficiency initiatives identified)
- Downstream and Corporate on track
- Upstream unit Opex reduction of 13% in 2016

More than 50% of the efficiency plus synergies target in 2018 to be achieved in 2016



Key strategic lines 2016-2020

Synergies from Talisman integration are already being delivered





- **Finance:** repurchase of Talisman bonds and joint financial optimization
- People and Organization: workforce and contractor reduction from overlaps
- IT: application & infrastructure rationalization
- Exploration: highgrading of Talisman portfolio
- General services: joint insurance program

Repsol increases recurrent synergy target derived from Talisman Integration up to 400 M\$ pre-tax



Key strategic lines 2016-2020

Breakevens

// Group FCF breakeven after dividends and interests (2016-2017) //



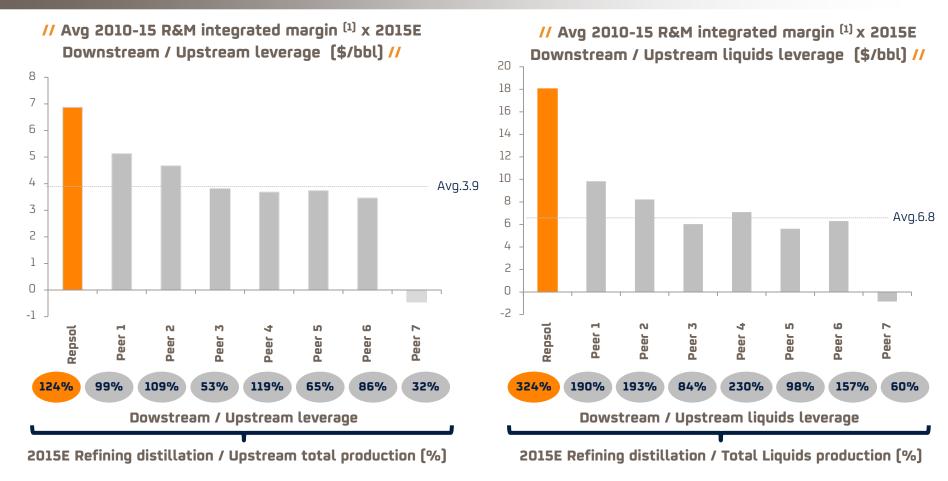
Resilience: \$40/bbl free cash flow breakeven after dividend and interests

^(*) Scenario used to estimate breakevens (Stress case): Brent price of 40 \$/bbl for 2016 – 2017, and 50 \$/bbl flat 2018 – 2020; HH price of \$2.6/Mbtu for 2016 – 2017, and 3.5 \$/Mbtu 2018 – 2020; Repsol refining margin indicator of 6.9 \$/bbl for 2016 and 6.4 \$/bbl from 2017 onwards. Breakeven does not include any proceeds from divestments, with the exception of the piped LPG sale already accomplished.



Key strategic lines 2016-2020

Repsol profits from a high Downstream/Upstream leverage



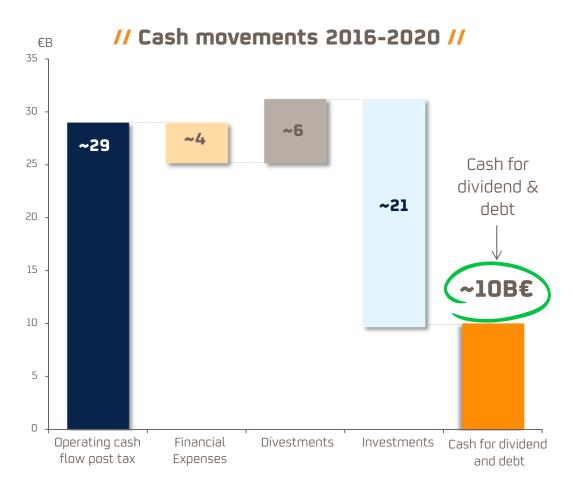
^[1] Figures based on 3Q15 reported information. R&M operating profit is a proxy of the impact in FCF breakeven under the assumption that Investments=Depreciation. Integrated R&M margin calculated as CCS/LIFO-Adjusted operating profit from the R&M segment divided by the total volume of crude processed (excludes petrochemicals business). Source: company filings

^{*} Peers companies considered: BP, Shell, Chevron, Total, Exxon, OMV and ENI



Key strategic lines 2016-2020

Self-financed Strategic Plan even under the stress scenario



- Reduction of our capex budget in 2016 below
 €4Bn
- Investment reduction for 2016 and 2017 around
 €1.8Bn
- Aceleration of efficiency and synergy target in
 2016 → €1.1Bn
- Reduction of Group FCF breakeven to 40\$

Sensitivities (5 years accumulated)	FCF	Adj. Net Income
Brent +/- \$5/bbl	€1.5B	€1.3B
	-€1.5B	-€1.3B
Henry Hub +/- \$0.5/Mbtu	€0.8B	€0.6B
	-€0.8B	-€0.6B
Refining Margin +/- \$1/bbl	€0.8B	€1.1B
	-€0.9B	-€1.1B



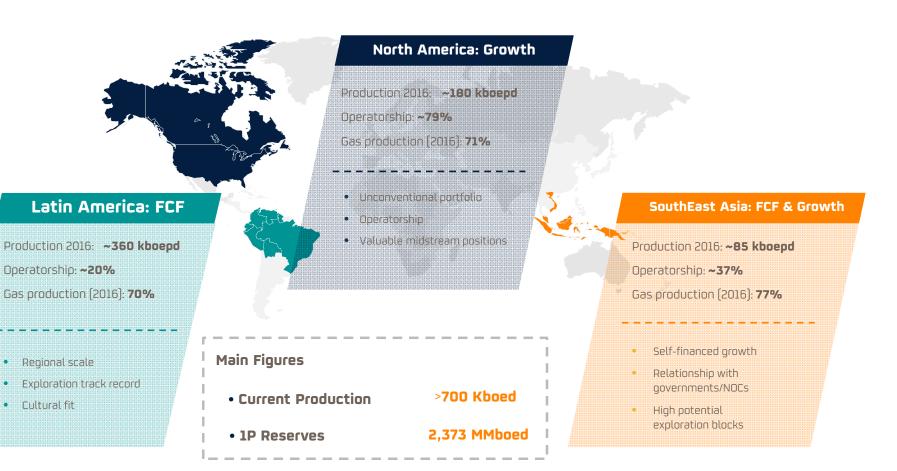
Upstream

3



UPSTREAM

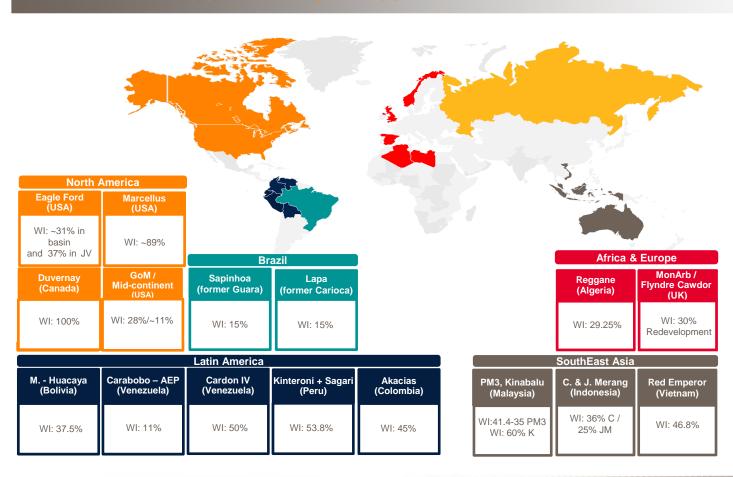
3 core regions in the portfolio





UPSTREAM

An extensive pipeline of organic opportunities



// Exploration //

Contingent resources

- Unconventional North America
- Brazil: Campos-33, Sagitario
- Russia: Karabashky
- Colombia: CPO9 & Niscota
- Alaska: Colville High
- GOM: Leon
- Indonesia: Sakakemang
- Vietnam: Red Emperor extension
- Kurdistan
- PNG: PDL10

Prospective resources

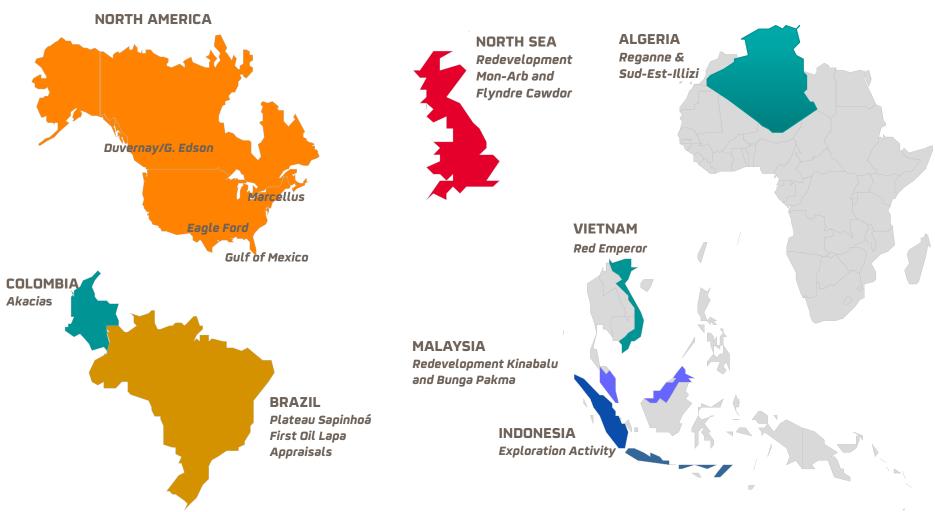
- Brazil: Santos Basin & Espirito Santo
- Colombia: RC11, RC12 & Tayrona
- Unconventional North America
- GOM
- Peru
- Guyana
- Angola
- Romania
- Portugal
- NorwayIndonesia
- Malaysia
- Vietnam
- PNG
- Bulgaria

"As is" organic portfolio potential of more than 900 kboepd



UPSTREAM

Projects activity in 2016



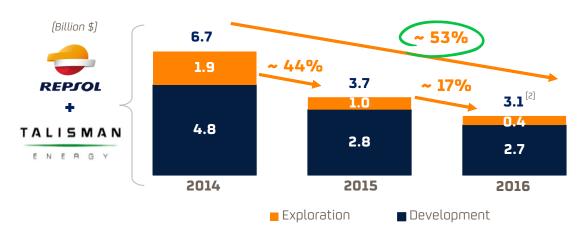
 $[\]ast$ Additional exploration activity in Angola, Romania, Bulgaria and PNG.

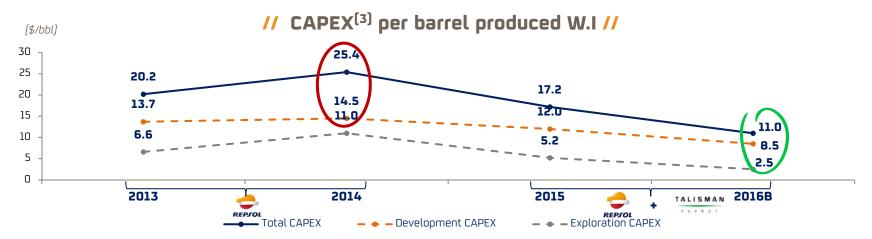


UPSTREAM

Portfolio management: Flexibility to optimize capital allocation

// Upstream Investments^[1] //





^[1] CAPEX $\underline{\text{excluding}}$ G&G and G&A from exploration and including efficiencies

^{[2] 2016} CAPEX € 2.9 Bn (exchange rate 1.07 \$/€)

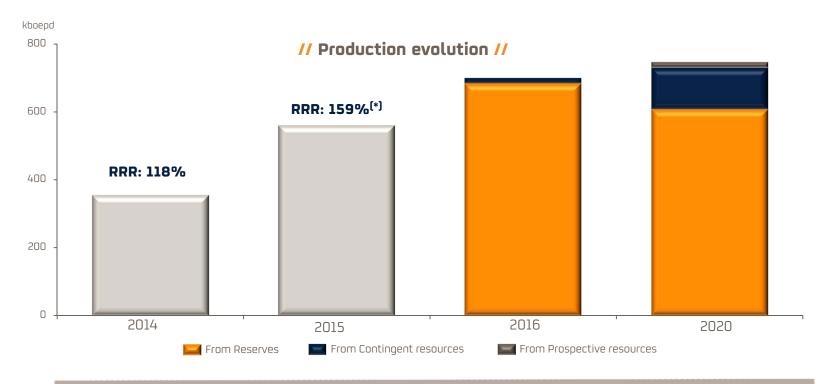
^[3] CAPEX including G&G and G&A from exploration and including efficiencies



UPSTREAM

Portfolio management: Capex

"Capex optimization has no impact on production because we are benefiting from the end of the previous investment cycle from Repsol's legacy assets (Average RRR 2011-2013: 214 %)"



Production guaranteed with current reserves and resources



UPSTREAM

E&P Cost Efficiency Program

// Levers //

Business units (Opex & Operational Capex)

- Technical standardization
- Operational uptime increase
- Procurement & logistics optimization
- Organizational right-sizing

Large capital projects

- Post -FID projects: Efficiency gains, scope challenge
- Pre-FID projects: Lean and cost-efficient engineering and supply chain design, collaborative approach with contractors, integrated project execution, ...

Exploration & drilling

- Simplification of geological targets, coring, testing
- Well design standardization
- Planning and execution efficiencies
- Procurement & logistics optimization
- Organizational right-sizing

Support functions

- Ongoing analisis of added value for every task
- Organization right-sizing
- Optimize support functions

€1.1 B/y savings by 2018



~€0.6 B/y Capex



~€0.5 B/y Opex

More than 50% of the efficiency target in 2018 to be achieved in 2016 ~€0.6 B/y savings by 2016.



UPSTREAM

Examples of improvements in Talisman legacy assets

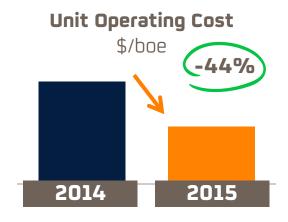
UK

Improved Recovery Factor:

 Develop a prioritized inventory of qualifying capital projects to be used in the asset strategy definition.

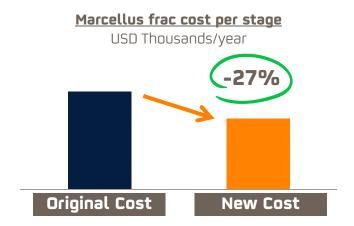
Improved Operational Efficiency:

- Contribute to the stretch objective of TSEUK producing >50kboe/d, with significant improvement in the per barrel profitability.
- Optimize Capex and Opex.



MARCELLUS

Marcellus Fracking pricing:



Marcellus commercialization:

- Practice of selling excess capacity has been replaced with purchase of gas from 3rd parties, leveraging Repsol Trading capabilities in North America.
- Lower effective transport cost through positive net revenues from buy/sell margins, underpinning business profitability.



Downstream

4



DOWNSTREAM

Downstream to provide sustainable value

Maximize performance

• Taking advantage of the integration between refining and marketing businesses with focus on reliability

• Discipline in capital allocation
• Divestments of non-core assets for value creation

Margin improvement & Optimizing integrated margin across businesses & Strong focus on reducing energy cost and CO₂ emissions

Objective to generate FCF ~ €1.7 B/y (average 2016-2020)



DOWNSTREAM

Repsol's refining margin indicator evolution

Margins back to a mid cycle scenario

Base Repsol Crack Index¹ 2005-2020 **Repsol Refining margin index evolution** (\$/bbl) (\$/bbl) 10 10 8.8 8 8 6.4(*) 6 6.6 0.7 6 4 4 Avg. 3.6 4.3 2 2 2.7 4.3 2.7 1.5 0 0 2015 2016-20 High margins Low margins 2015 Refining Margin Estimated refining 2005-08 2009-14 margin 2016-20 Base Repsol Crack Index Additional margin from projects pre-SP Efficiency and margin improvement program

Note: Since the start up of the Bilbao and Cartagena projects, the premium went up from 1.6\$/bbl in 2012 to 2.8\$/bbl in 2014 and 4.3\$/bbl in the first three quarters of 2015

¹ Without taking into account margin from projects and efficiency improvement program



DOWNSTREAM

Fundamentals support sustained Repsol refining margins

Lower Opex	✓ Lower oil and gas prices	
Growing refined products demand	 ✓ Average demand growth of 1.2% for 2016-2020 on top of strong 2015 demand ✓ Spain fuels demand growth at 4% in 2015 	
European refineries at high utilization of effective capacity	 ✓ Lower EU effective capacity due to low maintenance activity in recent years ✓ Low Brent-WTI and NBP-HH gaps and low \$/€ exchange rate 	
Restarts unlikely in EU	✓ Restarts unlikely due to required investment in working capital and fixed costs with long-term uncertainties remaining for less competitive refineries in EU	
Refining project delays and cancellations	Capacity-addition delays and cancellations due to stressed cash position of integrated companies and NOCs	
Demand vs. effective capacity tighter than previous years ✓ Capacity additions offset by growing demand		
	rpol (1) increases diesel demand, while lowering fuel oil demand and price increase in production of heavy crudes	



DOWNSTREAM

Downstream efficiency and margin improvement program

~€0.5 B/y from Downstream efficiency improvement in 2018



Downstream efficiency program on track: ~€0.2 B/y savings by 2016



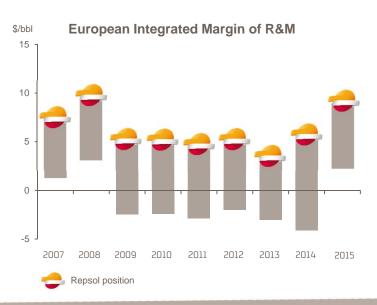
DOWNSTREAM

2016-2020 Downstream strategy

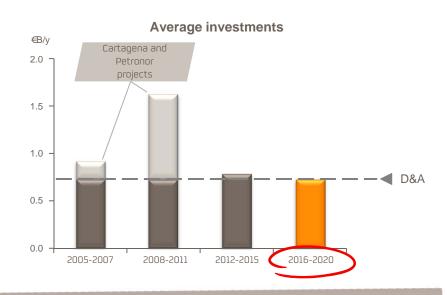
Maximizing value and cash generation leveraged on fully invested assets

// Sustainable value from quality assets //

Repsol in leading position among european peers



// Investment discipline //



Downstream resilience reinforced by commercial business integration with industrial businesses

Note: Integrated R&M margin calculated as CCS/LIFO-Adjusted operating profit from the R&M segment divided by the total volume of crude processed (excludes petrochemicals business) of a 9-member peer group.

Based on annual reports and Repsol's estimates. Source: Company filings.

gasNatural fenosa

Gas Natural Fenosa



Gas Natural Fenosa

Strong profitability with long term strategic vision

30% of valuable stake in a leading gas & power company

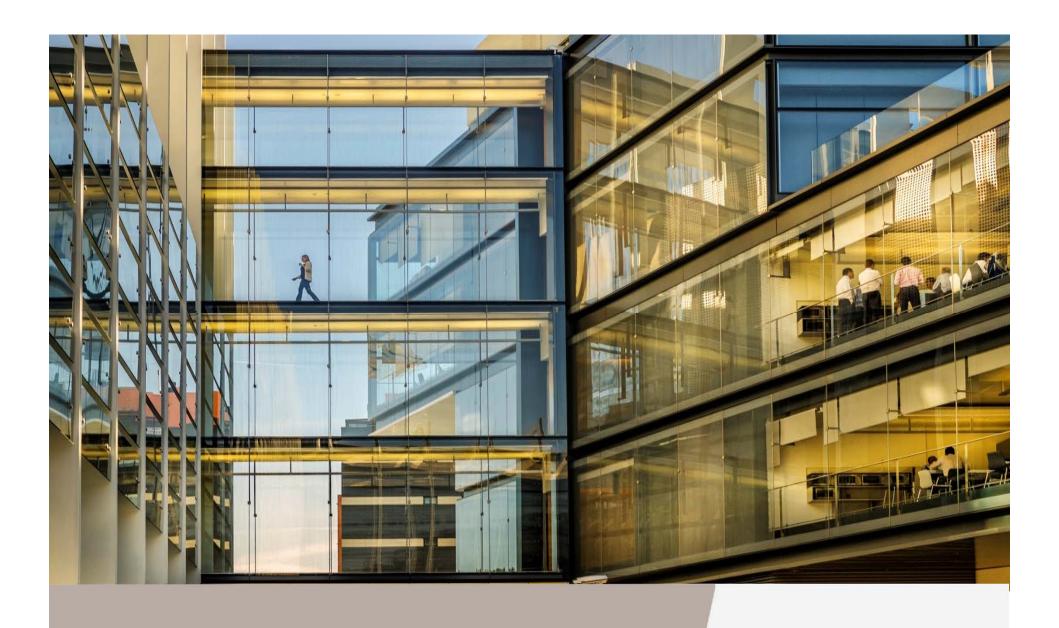
Stable dividend with growth potential (*)

Strong profitability performance (well above wacc and not linked to oil price)

Group's renewables platform

Provides strategic optionality for a stronger role of gas in energy mix

Liquid investment that provides financial optionality



Financial outlook



Financial outlook

Financial Strategic Plan 2016-2020

Sound track record in managing adverse conditions

Resilient Plan with stronger business profile

Conservative financial policy







Commitment to reduce debt

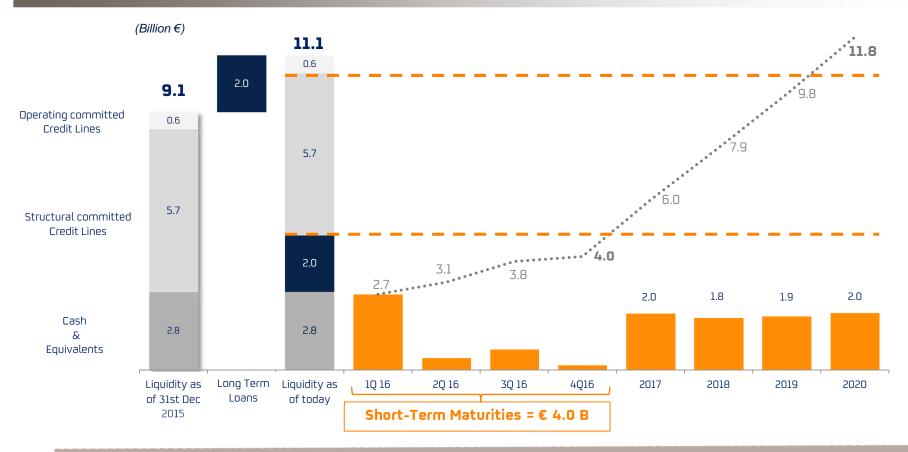
The three Rating Agencies, Standard & Poor's, Moody's and Fitch, confirmed and maintained our previous ratings, BBB-, Baa2 and BBB respectively.

Commitment to maintain shareholder compensation in line with current company level



Financial outlook

Cash available covers short term maturities

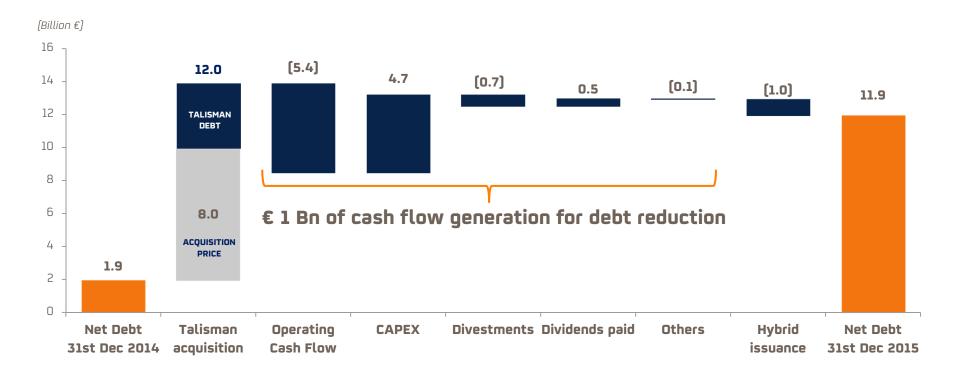


Liquidity pro-forma as of December 2015, including new € 2.0 Bn long-term loans, covers debt maturities beyond 2019.



2015 FULL YEAR RESULTS

FINANCIAL ASPECTS



- € 1 Bn of cash flow generation for debt reduction
- Positive results from Exchange rate positions
- Increase in interest of debt because the Consolidation of Talisman's debt



2016 Outlook

2016-2020 Value & Resilience



2016 Outlook

- ✓ In July Repsol will pay a complementary dividend of €0.30 gross per share.
- 2016 Downstream business free cash flow ~€3 billion.
- \checkmark Keep our production level at around **700,000 barrels per day** in 2016.
- ✓ Capex and Opex optimization to protect Free Cash Flow from our businesses.
- ✓ Progress in our divestment program always with the principle of protecting the value of every asset of the company.
- ✓ Efficiency targets. Anticipating delivery of our key strategic targets and materially reducing our breakeyens.
- Exploration program for will focus mainly on appraisals and lower risk prospects.
- ✓ In our industrial businesses, **enhance and increase the reliability** of our plants.



2015 Results

8



MAIN EVENTS

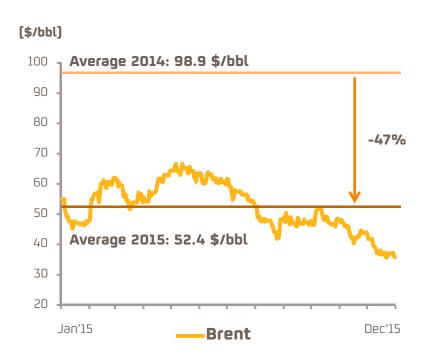
- Integration of Talisman
- Strategic Plan 2016-2020: Value and Resilience
- Challenging macro scenario
- EBITDA CCS of €5Bn

• Cash neutrality **break-even** below 50\$ in 2015

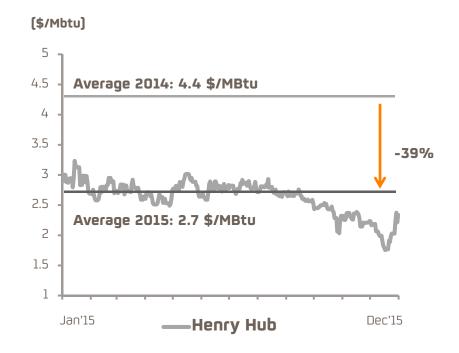


PRICES CONTINUED NEGATIVE TREND

// 2015 Brent and Henry Hub //



Brent averaged 46.5 \$/bbl less in 2015 vs 2014

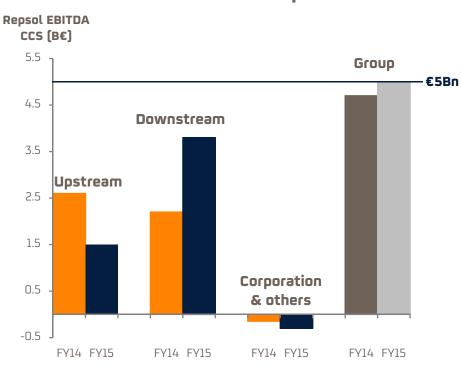


Henry Hub averaged 1.7 \$/MBtu less in 2015 vs 2014

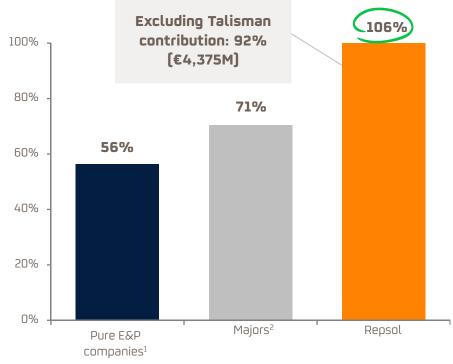


STRONG CASH GENERATION IN A CHALLENGING SCENARIO

// Maintaining EBITDA CCS 2015 vs. 2014 at much lower crude prices //



// EBITDA CCS FY 2015 / FY 2014 (%) //

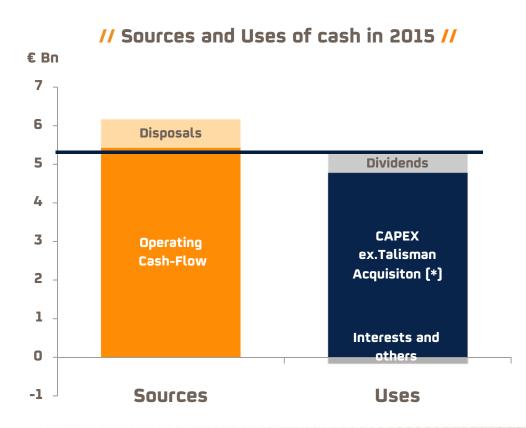


1. Peers included in Pure E&P are ConocoPhillips, Anadarko, Devon and Occidental 2. Peers included in Majors and Integrated are Chevron, Total, Shell, Exxon, BP, BG and Statoil

In 2015, even under this macro scenario we mantain our EBITDA CCS stable compared to 2014



SOURCES AND USES OF CASH



- Repsol integrated model delivering strong results in difficult Upstream environment
- Downstream acting counter-cycle leveraging:
 - Increased oil product demand
 - Higher industry margins
 - Privileged Repsol asset base
- Upstream impact partially mitigated by PSC's and fixed prices, plus gassy production mix
- GNF provides stable dividends

Positive Free Cash Flow in 2015 reduces Net Debt in €1 Billion. 2015 FCF breakeven after dividends lower than 50 \$/Bbl

^{*} Capex 2015 excluding the payment for the acquisition of Talisman



ADJUSTED NET INCOME AND NET INCOME BY BUSINESS SEGMENTS

Results (€ Million)	January - December 2014	January - December 2015	% Change 2015/2014
Upstream	589	-909	
Downstream	1.012	2.150	112,5
Gas Natural Fenosa	441	453	2,7
Corporate and others	-335	166	
ADJUSTED NET INCOME	1.707	1.860	9,0
Inventory effect	-606	-459	24,3
Non-recurring income	-86	-2.628	
Income from discontinued operations	597	-	(100,0)
NET INCOME	1.612	-1.227	-

Note: Repsol Group made the decision in 2014, prompted by the business reality and in order to make its disclosures more comparable with those in the sector, to disclose as a measure of the result of each segment the recurring net operating profit at current cost of supply (CCS) after tax of continuing operations ("Adjusted Net Income"), which excludes both non-recurring net income and the inventory effect.



ECONOMIC AND OPERATIONAL DATA

Economic data (€ Million)	January - December 2014	January - December 2015	% Change 2015/2014
EBITDA	3.800	4.317	13,6
EBITDA CCS	4.747	5.013	5,6
NET CAPITAL EXPENDITURE	3.425	11.860	246,3
NET DEBT	1.935	11.934	
NET DEBT (x) / EBITDA CCS	0,41	2,39	-

Operational data	January - December 2014	January - December 2015	% Change 2015/2014
LIQUIDS PRODUCTION (Thousand bbl/d)	134	207	54,1
GAS PRODUCTION ^(*) (Million scf/d)	1.237	1.977	59,8
TOTAL PRODUCTION (Thousand boe/d)	355	559	57,6
CRUDE OIL REALIZATION PRICE (\$/Bbl)	79,6	45,2	(43,2)
GAS REALIZATION PRICE (\$/Thousand scf)	3,8	2,8	(26,8)
DISTILLATION UTILIZATION Spanish Refining (%)	80,8	88,9	8,1
CONVERSION UTILIZATION Spanish Refining (%)	102,4	103,7	1,3
REFINING MARGIN INDICATOR IN SPAIN (\$/Bbl)	4,1	8,5	107,3

^{(*) 1,000} Mcf/d = 28.32 Mm³/d = 0.178 Mboe/d



OPERATING RESULT BY BUSINESS SEGMENTS AND GEOGRAPHICAL AREAS

		ARY - MBER	
€ Million	2014	2015	
UPSTREAM	1.149	-1.065	
Europe, Africa & Brazil	541	-142	
South America	1.006	109	
North America	305	-166	
Asia & Russia	26	92	
Exploration & Others	-729	-958	
DOWNSTREAM	1.488	3.041	
Europe	1.106	2.819	
Rest of the World	382	222	
CORPORATE AND OTHERS	-216	-170	
TOTAL	2.421	1.806	



ADJUSTED NET INCOME BY BUSINESS SEGMENTS AND GEOGRAPHICAL AREAS

	JANUARY - I	DECEMBER	
€ Million	2014	2015	
UPSTREAM	589	-909	
Europe, Africa & Brazil	205	-124	
South America	653	-27	
North America	195	-112	
Asia & Russia	22	19	
Exploration & Others	-486	-665	
DOWNSTREAM	1.012	2.150	
Europe	784	2.046	
Rest of the World	228	104	
GAS NATURAL FENOSA	441	453	
CORPORATE AND OTHERS	-335	166	
TOTAL	1.707	1.860	



EBITDA BY BUSINESS SEGMENTS AND GEOGRAPHICAL AREAS

TOTAL

	JANUARY -	DECEMBER
€ Million	2014	2015
UPSTREAM (1)	2.667	1.512
Europe, Africa & Brazil	742	309
South America	1.439	677
North America	714	587
Asia & Russia	70	403
Exploration & Others	-298	-464
Europe	948	3.092 2.865
Rest of the World	336	227
CORPORATE AND OTHERS	-151	-287
TOTAL	3.800	4.317
1) Contribution of Talisman's assets was €172 milli	on in Q4 2015	and €638 millio
2) EBITDA CCS M€		
OOWNSTREAM	2.231	3.788

4.747

5.013