

**TRADING UPDATE**

Lisbon, October 16, 2017

**3Q17 Trading Update**

This trading update aims to provide estimated macroeconomic, operational and trading conditions experienced by Galp during the third quarter of 2017.

The margins, prices, production and other data referred to below are currently provisional. All such data is subject to change and may differ from the final numbers which will be reported on October 30.

**Market indicators**

	3Q16	2Q17	3Q17	Var. 3Q17/3Q16	Var. 3Q17/2Q17
Average exchange rate (EUR:USD)	1.12	1.10	1.17	5.2%	6.6%
Average dated Brent price <sup>1</sup> (USD/bbl)	45.9	49.6	52.1	13.6%	4.9%
U.K. NBP natural gas price <sup>1</sup> (USD/mmbtu)	4.4	4.8	5.4	23.4%	13.8%
LNG Japan and Korea price <sup>1</sup> (USD/mmbtu)	5.6	5.5	6.3	12.0%	13.5%
U.S. Henry Hub natural gas price <sup>2</sup> (USD/mmbtu)	2.8	3.1	3.0	5.7%	(5.9%)
Benchmark refining margin <sup>1</sup> (USD/bbl)	2.3	4.3	5.5	n.m.	28.4%

<sup>1</sup>Source: Platts. For a complete description of the method to calculate the benchmark refining margin see page 3.

<sup>2</sup>Source: Nymex.

**Operating indicators****Exploration & Production**

	3Q16	2Q17	3Q17	Var. 3Q17/3Q16	Var. 3Q17/2Q17
Average working interest production (kboepd)	74.0	89.9	94.6	27.7%	5.2%
Oil production (kbpd)	68.8	78.0	82.8	20.3%	6.1%
Average net entitlement production (kboepd)	71.5	88.1	92.4	29.2%	4.9%
Angola (kbpd)	7.3	6.2	5.6	(23.2%)	(9.8%)
Brazil (kboepd)	64.2	81.8	86.8	35.2%	6.0%

**Refining & Marketing**

	3Q16	2Q17	3Q17	Var. 3Q17/3Q16	Var. 3Q17/2Q17
Raw materials processed (mmboe)	29.4	30.0	29.7	0.9%	(1.1%)
Refined product sales (mton)	4.6	4.7	4.9	5.1%	3.4%
Sales to direct clients (mton)	2.3	2.3	2.4	5.2%	4.1%

**Gas & Power**

	3Q16	2Q17	3Q17	Var. 3Q17/3Q16	Var. 3Q17/2Q17
NG/LNG total sales volumes (mm <sup>3</sup> )	1,750	1,726	1,717	(1.9%)	(0.5%)
Sales to direct clients (mm <sup>3</sup> )	950	1,052	1,065	12.1%	1.2%
Trading (mm <sup>3</sup> )	800	675	652	(18.4%)	(3.3%)

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### Results presentation

The third quarter of 2017 results will be disclosed to the market on October 30, before the opening of Euronext Lisbon.

The conference call will take place on October 30, at 11:30 a.m. (UK time). To listen to the conference call, please dial in 10 minutes before the scheduled time to ensure your registration. The conference call and webcast details are as follows:

#### Hosted by

- Carlos Gomes da Silva (CEO)
- Filipe Silva (CFO)
- Pedro Dias (Head of Strategy & IR)
- Otelo Ruivo (IRO)

#### Dial-in numbers

- UK: +44 (0) 203 427 1901 or  
+44 (0) 800 279 5004 (UK toll free)
- Portugal: +351 213 164 172

#### Webcast

<http://edge.media-server.com/m/p/rb79r5mb>  
(audio stream only)

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**Benchmark refining margin methodology**

The benchmark refining margin is calculated with the following weighting: 45% hydrocracking margin + 42.5% cracking margin + 7% base oils + 5.5% Aromatics.

45% Rotterdam Hydrocracking margin: -100% Brent dated, +2.2% LPG FOB Seagoing (50% Butane + 50% Propane), +19.1% EuroBob NWE FOB Bg, +8.7% Naphtha NWE FOB Bg, +8.5% Jet NWE CIF, +45.1% ULSD 10 ppm NWE CIF, +9.0% LSFO 1% FOB Cg; C&L: 7.4%; Terminal rate: \$1/ton; Ocean loss: 0.15% over Brent; Freight 2017: WS Aframax (80 kts) Route Sullom Voe / Rotterdam – Flat \$7.66/ton. Yields in % of weight.

42.5% Rotterdam cracking margin: -100% Brent dated, +2.3% LPG FOB Seagoing (50% Butane + 50% Propane), +25.4% EuroBob NWE FOB Bg, +7.5% Naphtha NWE FOB Bg, +8.5% Jet NWE CIF, +33.3% ULSD 10 ppm NWE CIF, +15.3% LSFO 1% FOB Cg; C&L: 7.7%; Terminal rate: \$1/ton; Ocean loss: 0.15% over Brent; Freight 2017: WS Aframax (80 kts) Route Sullom Voe / Rotterdam – Flat \$7.66/ton. Yields in % of weight.

7% Rotterdam Base Oil margin: -100% Arabian Light, +3.5% LGP FOB Seagoing (50% Butane + 50% Propane), +13% Naphtha NWE FOB Bg, +4.4% Jet NWE CIF, 34% ULSD 10 ppm NWE CIF, +4.5% VGO 1.6% NWE FOB Cg, +14% Base Oils FOB, +26% HSFO 3.5% NWE Bg; Consumptions: -6.8% LSFO 1% CIF NWE Cg; C&L: 7.4%; Terminal rate: \$1/ton; Ocean loss: 0.15% over Arabian Light; Freight 2017: WS Aframax (80 kts) Route Sullom Voe / Rotterdam – Flat \$7.66/ton. Yields in % of weight.

5.5% Rotterdam aromatics margin: -60% EuroBob NWE FOB Bg, -40% Naphtha NWE FOB Bg, +37% Naphtha NWE FOB Bg, +16.5% EuroBob NWE FOB Bg, +6.5% Benzene Rotterdam FOB Bg, +18.5% Toluene Rotterdam FOB Bg, +16.6% Paraxylene Rotterdam FOB Bg, +4.9% Ortoxylyene Rotterdam FOB Bg; Consumption: -18% LSFO 1% CIF NEW. Yields in % of weight.

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