

GALP - NON-FINANCIAL INFORMATION 2017

CONTENT INDEX - GRI

General Standard Contents

GRI STANDARD	DISCLOSURE	REFERENCE, LINK OR CONTENT	OMISSIONS	EXTERNAL VERIFICATION	UNGC PRINCIPLES	SDG
1. Organisational Profile						
102-1	Organisation name	Galp Energia, SGPS, SA • Report & Accounts (R&A) 2017: About this Report	NA	✓	-	-
102-2	Main activities, brands, products and services.	• R&A 2017: 1.2. Value chain; 1.4. Value creation model; 3.1. Exploration & Production; 3.2. Refining & Marketing; 3.3. Gas & Power. Galp does not sell products banned in any geographical location in which it operates.	NA	✓	-	-
102-3	Location of the organisation's headquarters.	Rua Tomás da Fonseca - Torre C, 1600-209 Lisboa, Portugal. • Galp Website: https://www.galp.com/corp/en/footer/contactos .	NA	✓	-	-
102-4	Location of operations.	• R&A 2017: About this report; 1.2. Value chain	NA	✓	-	-
102-5	Legal nature and ownership.	• R&A 2017: 1.7. Galp in the capital markets	NA	✓	-	-
102-6	Markets covered.	• R&A 2017: 1.2. Value chain; 1.4. Value creation model; 3.1. Exploration & Production; 3.2. Refining & Marketing; 3.3. Gas & Power.	NA	✓	-	-
102-7	Organisation size.	• Employees R&A 2017 - 4.2. Because people are our best energy. • Operations, products and services: R&A 2017 - 1.2. Value chain. • Sales: R&A 2017 - 1.3. Highlights of 2017 (Financial indicators). • Capitalisation: R&A 2017 - 1.7. Galp in the capital markets.	NA	✓	-	-
102-8	Information about employees.	<u>Total Galp</u> : M: 3,732; F: 2,657. <u>Contract type</u> : Open-ended (M: 3,343; F: 2,305); Fixed-term (M: 201; F: 209); Undefined (M: 188; F: 143). <u>Shift type</u> : Part-time (M: 37; F: 69); Full-time (M: 3,695; F: 2,588). There are indirect workers (service providers/contractors) in several Galp facilities, in different business segments. The nature and scale of the work carried out by external workers depends on the projects to be executed each year in the different business segments. Data about employees are compiled by Galp's management systems (People Management). • More information at: R&A 2017 - 4.2. Because people are our best energy. • More information at: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/our-human-capital . • Detailed information in: HR ANNEX	NA	✓	Principle 6	8
102-9	Value chain	• R&A 2017: 1.2. Value chain; 1.4. Value creation model; 4. Energy for a changing world.	NA	✓	-	-

102-10	Main changes to the organisation or value-chain.	<ul style="list-style-type: none"> • R&A 2017: 1.3. Highlights of 2017; 1.7. Galp in the capital markets. 	NA	✓	-	-
102-11	Approach to the precautionary principle.	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - III: Internal control and risk management. 	NA	✓	-	-
102-12	External initiatives.	<p>Galp subscribes to international principles and initiatives aligned with its commitments and strategy, e.g. SDG; EITI; UNGC; Forum Company for a equality; Code of Conduct - HIV Businesses; Zero Routine Flaring by 2030; CDP; TCFD; We Mean Business; Letter of Principle of the BCSD (PT), etc.</p> <ul style="list-style-type: none"> • Galp Website: https://www.galp.com/corp/en/sustainability/our-approach/approach-to-sustainability/other-initiatives-and-commitments. • CDP Climate Change Information Request: CC2. Strategy - CC2.3b; CC2.3c - https://www.cdp.net/en/responses. 	NA	✓	-	-
102-13	Participation in associations.	<p>We consider that in order to respond to substantive matters, it is essential to understand their dynamic character and the context in which they are asserted. Therefore, we maintain a network for cooperation, sharing, understanding and knowledge development, which benefits from advantages of scale through centralisation of common processes that would otherwise have to be reproduced within the structures of the various associates.</p> <ul style="list-style-type: none"> • Meet GALP's Main Associations and Sectorial Partners: https://www.galp.com/corp/Portals/0/Recursos/Sustentabilidade/SharedResources/Documents/Suppliers_list.pdf • CDP Climate Change Information Request: CC2. Strategy – CC2.3b; CC2.3c - https://www.cdp.net/en/responses. 	NA	✓	-	-
2. Strategy and analysis						
102-14	Chairman's declaration.	<ul style="list-style-type: none"> • R&A 2017: 1.1. Message from the Board of Directors. • Also see the message from Galp's Chief Sustainability Officer: https://www.galp.com/corp/en/sustainability/our-approach/approach-to-sustainability/board-statements. 	NA	✓	-	-
102-15	Main impacts, risks and opportunities.	<ul style="list-style-type: none"> • R&A 2017: 1.1. Message from the Board of Directors; 2.1. Anticipating risks and opportunities; 2.2. Our strategy; 6. Corporate Governance - III: Internal control and risk management. • CDP Climate Change Information Request: CC2. Strategy; CC3. Targets and Initiatives; CC5. Climate Change Risks; CC6. Climate Change Opportunities - https://www.cdp.net/en/responses 	NA	✓	-	-
3. Ethics and integrity						
102-16	Values, principles, standards and behavioural norms.	<p>To ensure that our activities are performed in a transparent, responsible and efficient manner, we have adopted various instruments, standards, regulations and policies that guide our activities.</p> <ul style="list-style-type: none"> • Company documents and corporate policies can be consulted at: https://www.galp.com/corp/en/corporate-governance/documentation • Consult Galp's values and vision at: https://www.galp.com/corp/en/about-us/galp 	NA	✓	-	16

102-17	Mechanisms for ethical advice and concerns.	<p>Galp has an Ethics and Conduct Committee (CEC) which provides the internal structure that, in an independent and impartial way, is responsible for monitoring the application and interpretation of the Code of Ethics and Conduct, and for monitoring its implementation, in the terms defined in the regulations. The CEC is also responsible for receiving and handling information forwarded to it under the Irregularities Reporting Procedure (Open Talk Ethics Line - opentalk@galpenergia.com) in place at Galp and its subsidiaries, concerning alleged infringements of the provisions of the Code of Ethics and Conduct or of standards that develop or deal with the topics listed therein, including areas of internal accounting controls, auditing, combating corruption and banking and financial crime. The Audit Board is the governing body that ensures the proper functioning and application of the Code of Ethics and Conduct through periodic and regular reporting of the CEC.</p> <p>During 2017, the CEC held four meetings to analyse and decide whether to refer communications about irregularities received, and participated in three Audit Board meetings, at which the due report was provided.</p> <p>In 2017, 12 cases were investigated under the Irregularities Reporting Procedure, and these were analysed and reported to the Audit Board for decision. 8 of these cases have already been resolved.</p> <ul style="list-style-type: none"> • For more detailed information, see R&A 2017, 6. Corporate Governance, II - Communication of irregularities. • The different corporate policies, including the Code of Ethics and Conduct can be found at: https://www.galp.com/corp/en/corporate-governance/documentation. • For more detailed information, see the Galp website: <ul style="list-style-type: none"> - Ethics: https://www.galp.com/corp/en/corporate-governance/ethics-and-conduct/ethics - Communication of irregularities: https://www.galp.com/corp/en/corporate-governance/ethics-and-conduct/reporting-of-irregularities 	NA	✓	-	16
4. Governance						
102-18	Structure of corporate governance.	<ul style="list-style-type: none"> • Governance structure: R&A 2017: 6. Corporate Governance - Part I: Item 21. • Committee responsible for decision-making on sustainability: Galp has a Sustainability Committee whose mission is to assist the Board and the EC to integrate the principles of sustainability into the management process of the Galp Group, promoting the sector's best practices throughout all its activities. It is chaired by the independent Vice-Chairman of the Board of Directors and is composed of the following permanent members: Chairman of the Executive Committee (CEO), Executive Director, responsible for the EQS and Sustainability Directorate (Chief Sustainability Officer) and Chief Risk Officer, Chief Financial Officer (CFO), Responsible for the Environment, Quality, Security and Energy Corporate Directorate (EQSS) (CS Secretary) and the First Line managers of the Operational Units. The Sustainability Committee meets at least once a quarter. • See more detail about the Sustainability Committee at: 	NA	✓	-	-

		https://www.galp.com/corp/en/corporate-governance/governing-model-and-bodies/committees/sustainability-committee • CDP Climate Change Information Request: CC1. Governance: CC1.1, CC1.1a - https://www.cdp.net/en/responses				
102-19	Delegation of authority.	• Governance structure: R&A 2017: 6. Corporate Governance - Part I: Item 27. The Sustainability Committee assists the Board and the Executive Committee to integrate the principles of sustainability into the management process of the Galp Group, promoting the sector's best practices throughout all its activities. The Sustainability Committee meets at least once a quarter. • See more detail about the Sustainability Committee at: https://www.galp.com/corp/en/corporate-governance/governing-model-and-bodies/committees/sustainability-committee	NA	✓	-	-
102-20	Executive level responsibilities for economic, environmental and social issues.	• R&A 2017: 6. Corporate Governance - Part I: Items 27. The Sustainability Committee assists the Board and the Executive Committee to integrate the principles of sustainability into the management process of the Galp Group, promoting the sector's best practices throughout all its activities. • See more detail about the Sustainability Committee at: https://www.galp.com/corp/en/corporate-governance/governing-model-and-bodies/committees/sustainability-committee • CDP Climate Change Information Request: CC1. Governance - https://www.cdp.net/en/responses		✓	-	-
102-21	Consults stakeholders about economic, environmental and social issues.	We have been conducting a formal corporate audit of stakeholders on issues related to sustainability since 2010. AS part of this procedure, the main stakeholders and relevant sustainability themes are identified and prioritised, in line with AA1000 Stakeholder Engagement Standard criteria (AA1000SES). • Find out more about the Dialogue with Stakeholders at: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/dialogue-with-stakeholders	NA	✓	-	16
102-22	Composition of the highest governing body and its committees.	• R&A 2017: 6. Corporate Governance - Part I: Items 17; 18; 19; 22; 26; Annex 8.8 Biographies of members of the administration. • More detailed information on Galp's Governance Model is available at: https://www.galp.com/corp/en/corporate-governance/governing-model-bodies	NA	✓	-	16
102-23	Chairman of the highest governing body.	• R&A 2017: 6. Corporate Governance - Part I: Items 17; 18; • More detailed information on Galp's Governance Model is available at: https://www.galp.com/corp/en/corporate-governance/governing-model-bodies	NA	✓	-	16
102-24	Nomination and selection of governance members.	The Annual General Meeting is responsible for appointing and replacing members of the Board of Directors, including the Chairman. In the event of the absence or permanent impediment of any member of the Board of Directors, this body shall co-opt a member and submit its proposal for ratification to the next Annual General Meeting. For the purpose of replacing a director due to permanent absence, in accordance with Article 393 (1) of the CCC (Commercial Companies Code). The Articles of Association state that a director is considered to be permanently absent when,	NA	✓	-	5, 16

		<p>without justification accepted by the Board of Directors, he/she fails to attend three consecutive meetings or five non-consecutive meetings.</p> <p>In addition, Galp's Board of Directors has approved the Diversity Policy for the Management and Supervisory Bodies, by which Galp undertakes, in accordance with the powers of each body, to undertake to promote diversity in its administrative and supervisory bodies, particularly with regard to the following criteria: age, gender, geographical origin, qualifications and professional experience.</p> <ul style="list-style-type: none"> • More detailed information on Galp's Governance Model is available at: https://www.galp.com/corp/en/corporate-governance/governing-model-bodies 				
102-25	Conflicts of interest.	<p>In order to safeguard the interests of the Galp Group in situations of possible conflicts of interest between the Company and its directors as a result of business conducted between them and the Company or companies in a controlling or group relationship with Galp, the regulatory standard which regulates the Group transactions with related parties, relevant transactions with Galp's related parties are subject to the prior opinion of the Audit Board.</p> <p>Also, in order to safeguard Galp Group's interest in situations where there are possible conflicts of interest, internal procedures were adopted to comply with the relevant accounting standards, in particular IAS 24, a regulatory rule on the control of transactions between Galp and related parties were implemented that establishes the internal rules and procedures for identification, internal reporting and control by the Audit Board.</p> <ul style="list-style-type: none"> • Consult the Regulations applicable to Galp Group transactions with related parties at: https://www.galp.com/corp/Portals/0/Recursos/Governo-Societario/SharedResources/Documentos/EN/NT-R-Transacoes-Grupo-Galp-Partes-Relacionadas-EN.pdf <p>Furthermore, Galp's Directorate of Legal and Governance monitors the internal control system by conducting internal investigations, audits or risk assessments on matters of ethics and compliance such as conflicts of interest.</p>	NA	✓	-	16
102-26	Role of the highest governance body in defining mission, values and strategy.	<p>The Board of Directors is responsible for managing the Company's activities and for taking decisions on any matters relating to management of the Company, or any others not covered by the sole responsibility of the Annual General Meeting. The Chairman of the Board of Directors, who is not a member of the Executive Committee, represents the Board of Directors and the Company and is responsible for convening and chairing meetings of the Board of Directors and overseeing the relationship between the Company and its shareholders. The Board of Directors delegates to the Executive Committee the day-to-day management of the Company and appoints its Chairman.</p> <p>Resolutions of the Board of Directors shall be approved by a simple majority of the votes cast, except in relation to the matters detailed below, which require a qualified majority of two-thirds of the votes cast, in accordance with Article 17 of the Articles of Association.</p> <ul style="list-style-type: none"> • More detailed information on Galp's Governance Model is available at: https://www.galp.com/corp/en/corporate-governance/governing-model-bodies 	NA	✓	-	-

102-27	Knowledge about sustainability of governance members.	<p>Board of Director members have recognised competencies, academic background and professional experience, in relation to the activities expected by the Company and the strategy defined for future years. For information about the diversity of managers' knowledge and experience, see the systematised representation of competencies in the Corporate Governance Report.</p> <ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I: Item 19; Annex 8.8 Biographies of members of the administration. 	NA	✓	-	4
102-28	Assessment of the performance of governance members.	<p>The Remuneration Committee, elected by the Annual General Meeting, evaluates the annual performance of executive and non-executive directors, in accordance with Article 8 of the Company's Articles of Association. This Committee consults non-executive members about the qualitative performance of executive members of the Board of Directors and based on the fulfilment of economic, financial and operational objectives with regards to the quantitative evaluation, as defined annually by the remuneration policy of the corporate bodies of the Company. In addition, non-executive members, as part of their supervisory role, monitor the performance of executive directors. Also in accordance with article 376 of the CCC, the Annual General Meeting annually reviews the Company's management in general, and each of the directors in particular. This assessment is expressed through a vote of confidence or no-confidence, which may lead to the dismissal of the respective director.</p> <ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I: Items 24; 25; 	NA	✓	-	-
102-29	Identification and management of economic, environmental and social impacts.	<p>At Galp, management for sustainability is seen as strategic, and consists of incorporating principles, approaches and practices that favour the long-term value creation. It is therefore intended to manage the creation of sustainable, lasting value and confidence-building in the future for the various stakeholders. In order to promote the development of sustainable value, we created the Sustainability Committee in 2012, with the mission to ensure the integration of sustainability principles in the management of the group, promoting the sector's best practices in all its business areas and the corporate centre.</p> <p>Currently, the Committee is chaired by the independent vice-chairman of the Board of Directors and has as permanent members, the chairman of the Executive Committee, the executive director who coordinates the area of sustainability, the financial executive director, the EQSS Directorate manager and all those responsible for relevant business areas and corporate management.</p> <p>This body reports directly to the Board of Directors and to the Executive Committee. In 2017, the Sustainability Committee met four times.</p> <p>Stakeholders are consulted regularly and through various participation channels, to help identify and manage material aspects (including impacts, risks and associated opportunities).</p> <ul style="list-style-type: none"> • See more detail about the Sustainability Committee at: https://www.galp.com/corp/en/corporate-governance/governing-model-and-bodies/committees/sustainability-committee 	NA	✓	-	16

		<ul style="list-style-type: none"> • CDP Climate Change Information Request: CC2. Strategy: CC2.1, CC2.1a, CC2.1b, CC2.1c - https://www.cdp.net/en/responses 				
102-30	Effectiveness of risk management processes.	<p>The Audit Board is responsible for overseeing the effectiveness of risk management, internal control and internal audit systems, as well as evaluating the functioning of the systems and their internal procedures on an annual basis, so strengthening the internal control environment, particularly through recommendations and proposals for adjusting the functioning of internal control and risk management systems.</p> <p>In addition, the working group which is part of the Risk Management Committee dealing with issues related to Safety, Health, Environment and Quality, including climate change, compliance and changes to the regulatory context, ensures that these matters are properly integrated into the Company's risk management system. Consequently, the Environment , Quality, Safety and Sustainability Directorate has been attributed powers relating to corporate environmental risk management, including risks arising from climate change, safety and security, in particular, as well as skills to define and propose methodologies to evaluate and monitor environmental and safety risks in relation to Galp Group activities and product quality, in conjunction with business units, ensuring that actions are defined and scheduled with a view to eliminating or minimising those risks.</p> <ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I: Paragraphs 38, 51; 52; • CDP Climate Change Information Request: CC2. Strategy: CC2.1, CC2.1a, CC2.1b, CC2.1c - https://www.cdp.net/en/responses 	NA	✓	-	-
102-31	Review of economic, environmental and social topics.	<p>The Sustainability Committee assists the Board and the Executive Committee to integrate the principles of sustainability into the management process of the Galp Group, promoting the sector's best practices throughout all its activities. The Sustainability Committee meets at least once a quarter and met four times in 2017.</p> <ul style="list-style-type: none"> • CDP Climate Change Information Request: CC2. Strategy: CC2.1, CC2.1a, CC2.1b, CC2.1c - https://www.cdp.net/en/responses 	NA	✓	-	-
102-32	Role of the highest governance body in the sustainability report.	<p>The Annual Report and Accounts is reviewed and approved annually by the Board of Directors.</p>	NA	✓	-	-
102-33	Communication of critical issues.	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I: Paragraph 49 (Resources and policy for reporting irregularities occurring in the Company). <p>The submission of complaints in Galp is regulated by the "Communication Procedure Irregularities - Ethics Line ", adopted on 3 December 2015 by the Supervisory Board and internally disseminated to all employees through the normal communication channels, as well as through the Galp website at https://www.galp.com/corp/en/corporate-governance/ethics-and-conduct/reporting-of-irregularities. The Irregularities Reporting Procedure enables any interested party related to Galp, namely employees, members of corporate bodies, shareholders, investors, customers, suppliers or business partners, to communicate knowledge or well-founded suspicions of any irregularities to the CEC. Communication of irregularities by any interested party must be made in writing, by email or letter addressed to the CEC, at the following addresses: i) email address:</p>	NA	✓	-	-

		opentalk@galp.com ; ii) Postal address: Comissão de Ética e Conduta da Galp Energia, SGPS, S.A. Rua Tomás da Fonseca - Torre C, 1600-209 Lisboa, Portugal.				
102-34	Nature and communication of critical issues.	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I: Paragraph 49 (Resources and policy for reporting irregularities occurring in the Company). <p>In 2017, 12 cases were investigated under the Irregularities Reporting Procedure, and these were analysed and reported to the Audit Board for decision. Eight cases were settled by the Ethics and Conduct Committee. The mechanism for addressing and resolving these issues is described in the previous section (GRI 102-33).</p>	NA	✓	-	-
102-35	Remuneration policies	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I, Section D - Remuneration (I - Powers of determination - II - Remuneration Committee III - Remuneration structure IV - Disclosure of remuneration; Plans for the allocation of shares or stock options). • CDP Climate Change Information Request: CC1. Governance: CC1.2, CC1.2a - https://www.cdp.net/en/responses 	NA	✓	-	-
102-36	Remuneration determination processes.	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I, Section D - Remuneration (I - Powers of determination - II - Remuneration Committee III - Remuneration structure IV - Disclosure of remuneration; Plans for the allocation of shares or stock options). 	NA	✓	-	-
102-37	Involvement of stakeholders in remuneration issues.	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance - Part I, Section D - Remuneration (I - Powers of determination - II - Remuneration Committee III - Remuneration structure IV - Disclosure of remuneration; Plans for the allocation of shares or stock options). 	NA	✓	-	16
102-38	Total annual compensation ratio.	<p>Average remuneration of employees/CEO Remuneration 2017: 0.0113 Average remuneration of employees/CEO Remuneration 2017 (excluding service areas): 0.0257 Median remuneration of employees/CEO Remuneration 2017: 0.0178 Median remuneration of employees/CEO Remuneration 2017 (excluding service areas): 0.0221</p>	NA	✓	-	-
102-39	Ratio of the percentage increase in total annual remuneration.	Average remuneration increase of employees/CEO Remuneration increase 2017: -0.074	NA	✓	-	-

5. Involvement with stakeholders																																																																												
102-40	List of stakeholder groups.	At Galp, we manage, differentiate and engage with a broad set of stakeholders that based on mapping, belong to several groups. • For more details about stakeholder groups visit our website - Dialogue with stakeholders: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/dialogue-with-stakeholders	NA	✓	-	-																																																																						
102-41	Collective contracting agreements.	Number of employees covered by Collective Bargaining Agreements: 4,759. Percentage of employees in relation to the total: 74%	NA	✓	Principles 1 and 3	8																																																																						
102-42	Identification and selection of stakeholders.	We have been conducting a formal corporate audit of stakeholders regarding issues related to sustainability since 2010. Stakeholder identification and mapping is performed periodically and systematically by assigning a priority level to each stakeholder using the AA1000 Stakeholder Engagement Standard methodology (AA1000SES) using influence and dependency criteria. • For detailed information about the identification and selection of stakeholders see our website - Dialogue with stakeholders : https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/dialogue-with-stakeholders	NA	✓	-	-																																																																						
102-43	Approach to engagement with stakeholders.	The stakeholder engagement and consultation process has three distinct phases: i) Mapping and selection of stakeholders; ii) Auditing stakeholders; iii) Analysis of results. • For detailed information about the involvement with stakeholders see our website - Dialogue with stakeholders: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/dialogue-with-stakeholders <u>Customer satisfaction:</u> At Galp, we continuously develop a process for monitoring and tracking the expectations and needs of our clients. Our aim is to ensure that the supply of products and services is appropriate and satisfies our consumers. We use the ECSI - European Customer Satisfaction Index (in Portugal, the National Customer Satisfaction Index), a system that measures the quality of goods and services available in the national market through customer satisfaction.	NA	✓	-	-																																																																						
		<table border="1"> <thead> <tr> <th>AVERAGE INDEXES</th> <th>Fuels</th> <th>Bottled Gas</th> <th>Natural Gas (regulated market)</th> <th>Natural Gas (liberalised market)</th> <th>Electricity</th> <th>Dual offer</th> </tr> <tr> <td></td> <th>2017</th> <th>2017</th> <th>2017</th> <th>2017</th> <th>2017</th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>Satisfaction (ECSI)</td> <td>7.51</td> <td>7.75</td> <td>-</td> <td>7.36</td> <td>7.28</td> <td>7.11</td> </tr> <tr> <td>Image</td> <td>7.81</td> <td>7.92</td> <td>-</td> <td>7.53</td> <td>7.47</td> <td>7.37</td> </tr> <tr> <td>Expectations</td> <td>7.65</td> <td>7.83</td> <td>-</td> <td>7.67</td> <td>7.40</td> <td>7.56</td> </tr> <tr> <td>Perceived quality</td> <td>8.21</td> <td>8.08</td> <td>-</td> <td>7.52</td> <td>7.54</td> <td>7.42</td> </tr> <tr> <td>Perceived value</td> <td>6.86</td> <td>6.51</td> <td>-</td> <td>6.26</td> <td>6.41</td> <td>6.20</td> </tr> <tr> <td>Complaints</td> <td>6.86</td> <td>6.98</td> <td>-</td> <td>6.86</td> <td>6.73</td> <td>6.72</td> </tr> <tr> <td>Trust</td> <td>-</td> <td>-</td> <td>-</td> <td>7.63</td> <td>7.56</td> <td>7.43</td> </tr> <tr> <td>Loyalty</td> <td>8.29</td> <td>8.39</td> <td>-</td> <td>7.66</td> <td>7.38</td> <td>7.46</td> </tr> </tbody> </table>	AVERAGE INDEXES	Fuels	Bottled Gas	Natural Gas (regulated market)	Natural Gas (liberalised market)	Electricity	Dual offer		2017	2017	2017	2017	2017	2017	Satisfaction (ECSI)	7.51	7.75	-	7.36	7.28	7.11	Image	7.81	7.92	-	7.53	7.47	7.37	Expectations	7.65	7.83	-	7.67	7.40	7.56	Perceived quality	8.21	8.08	-	7.52	7.54	7.42	Perceived value	6.86	6.51	-	6.26	6.41	6.20	Complaints	6.86	6.98	-	6.86	6.73	6.72	Trust	-	-	-	7.63	7.56	7.43	Loyalty	8.29	8.39	-	7.66	7.38	7.46				
AVERAGE INDEXES	Fuels	Bottled Gas	Natural Gas (regulated market)	Natural Gas (liberalised market)	Electricity	Dual offer																																																																						
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Satisfaction (ECSI)	7.51	7.75	-	7.36	7.28	7.11																																																																						
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Trust	-	-	-	7.63	7.56	7.43																																																																						
Loyalty	8.29	8.39	-	7.66	7.38	7.46																																																																						

102-44	Key issues and concerns.	<ul style="list-style-type: none"> • R&A 2017: 1.1. Statement from the Board of Directors; 1.5. Addressing materiality; 4. Energy for a changing world. • For more detailed information see our website - Shared value creation: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/creating-shared-value 	NA	✓	-	-
6. Reporting practice						
102-45	Entities included in the consolidated financial statements.	<ul style="list-style-type: none"> • R&A 2017: About this report. 	NA	✓	-	-
102-46	Definition of report content and material topics limits.	<ul style="list-style-type: none"> • R&A 2017: About this report. 1.5. Addressing materiality. Galp applied GRI defined principles for the definition of R&A contents, them when preparing the R&A 2017, namely: <ul style="list-style-type: none"> - Inclusion of stakeholders : Galp identifies its stakeholders, and R&A 2017 responds to their main expectations and interests; - Sustainability context: Galp adopts a comprehensive perspective when presenting its sustainability performance (e.g. presentation of risks, impacts, strategy, future perspectives, etc.); - Materiality: Galp presents its material themes, as well as the respective impacts and associated performance; and - Completeness: Galp provides sufficient information to describe its economic, environmental and social impacts. 	NA	✓	-	-
102-47	List of material topics.	<ul style="list-style-type: none"> • R&A 2017: About this report; 1.5. Addressing materiality. Relevant aspects are identified through a comprehensive process of materiality analysis which is systematically reviewed using the Global Reporting Initiative and the 5-Part Materiality Test proposed by AccountAbility, the United Nations Environment Programme and the Stakeholder Research Associates. The process of materiality analysis incorporates four key steps: 1. List of material topics; 2. Internal evaluation; 3. External evaluation; 4. Materiality matrix In 2017, and we reviewed the materiality matrix, prioritising the most relevant aspects throughout the value chain for our business and our stakeholders. 	NA	✓	-	-
102-48	Information reformulation.	<ul style="list-style-type: none"> • R&A 2017: About this report. Any changes in relation to the previous year and related to acquisitions, the nature of the business or methods of calculating indicators, are stated throughout R&A 2017 when applicable. 	NA	✓	-	-
102-49	Changes in the report.	<ul style="list-style-type: none"> • R&A 2017: About this report. Any changes in relation to the previous year are stated throughout R&A 2017 when applicable. 	NA	✓	-	-
102-50	Reporting period.	Information for the year 2017.	NA	✓	-	-
102-51	Date of the last published report.	<ul style="list-style-type: none"> • Report & Accounts 2016: 	NA	✓	-	-
102-52	Report cycle.	Annual report cycle.	NA	✓	-	-

102-53	Contacts for questions About this report.	<ul style="list-style-type: none"> • R&A 2017: About this report. 	NA	✓	-	-
102-54	Statement of reporting compliance with GRI Standards.	<ul style="list-style-type: none"> • R&A 2017: About this report. The R&A 2017 and the existing GRI index were prepared in accordance with the GRI Standards “Comprehensive” option. 	NA	✓	-	-
102-55	GRI index contents.	Existing GRI Index.	NA	✓	-	-
102-56	External verification.	<ul style="list-style-type: none"> • R&A 2017: About this report. 	NA	✓	-	-

GRI CONTENT INDEX

General Standard Contents

GRI STANDARD	DISCLOSURE	REFERENCE, LINK OR CONTENT	OMISSIONS	EXTERNAL VERIFICATION	UNGC PRINCIPLES	SDG
ECONOMIC SERIES						
Aspect: economic performance (201)						
201-1	Direct economic value generated and distributed.	<p>Direct economic value generated (€ million): 15,309.</p> <p>Distributed direct economic value (€ million): 933.</p> <p>Direct economic value retained (€ million): 14,376.</p> <ul style="list-style-type: none"> Galp Website - Shared value creation: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/creating-shared-value 	-	✓	-	2; 5; 7; 8; 9
201-2	Financial implications, risks and opportunities due to climate change.	<p>Galp is exposed to risks and opportunities arising from climate change that may potentially generate significant changes in operations, revenues or expenses. These risks and opportunities, as well as their impacts and mitigation/action measures, are described in the "CDP Climate Change Information Request", published annually by Galp.</p> <ul style="list-style-type: none"> R&A 2017: 2.1. Anticipating risks and opportunities; 6. Corporate governance - III: Internal control and risk management CDP Climate Change Information Request: CC5. Climate Change Risks; CC6. Climate Change Opportunities - https://www.cdp.net/en/responses 	-	✓	-	13
201-3	Benefit plan obligations and other retirement plans.	<ul style="list-style-type: none"> R&A 2017: Statement of consolidated financial position - Liabilities with retirement and other benefits (Note 23). 	-	✓	-	-
Aspect: Market presence (202)						
202-2	Proportion of senior management contracted from the local community.	<p>Hired locally: 99%; Portuguese: 1%.</p> <p>Proportion of local hiring in relation to total: Portugal: 96%; Spain: 99%; Brazil: 67%; Africa: 64%.</p> <p>Operations in the above-identified countries are understood to be local operations. 'Senior management' means executive, middle and first-line managers.</p>	-	✓	Principle 6	8
Aspect: Indirect economic impacts (203)						
203-1	Development and impact of investments in infrastructures and services provided	<ul style="list-style-type: none"> R&A 2017: 1.4. Value creation model; 4. Energy for a changing world; 4.4. We use our Energy to create more energy - We measure the impact of what we do. 	-	✓	-	2; 5; 7; 9; 11

		<p>Galp evaluates the social impact of its projects, monitoring their return for the benefit of the community. Galp has been a member of the London Benchmarking Group since 2012. In 2017 Galp invested €5.4 million in the community, namely: Donations (€2,182,060); Investment in the community (€2,978,444); Business initiatives (€266,408).</p> <p>More information on the Galp Website - Shared value creation: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/creating-shared-value</p> <p>More information on the Galp website - Creating shared value: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/creating-shared-value</p> <p>More information on the Galp website - Measurement and impact assessment: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/social-responsability/impact-measurement-and-evaluation</p>				
203-2	Significant indirect economic impacts and extent of impacts.	<ul style="list-style-type: none"> • R&A 2017: 4. Energy for a changing world. <p>More information on the Galp website - Impact measurement and assessment: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/social-responsability/impact-measurement-and-evaluation</p>	-	✓	-	2; 3; 8; 10; 17
Material aspect: Procurement practices (204) *						
103-1	Explanation of the material theme.	<ul style="list-style-type: none"> • R&A 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Identification of Galp's material themes was based on the work described in Disclosure 102-47. The topic "Procurement Practices" is related to the theme "Sustainable value-chain management", which is considered to be a material theme (see materiality matrix in R&A 2017 - 1.5. Addressing materiality). Impacts can occur both in operations and in the value-chain.</p>	-	✓	-	-
103-2	Form of management and its components.	<ul style="list-style-type: none"> • R&A 2017: 4.3. Managing value with lower impact - Good practices that propagate. <p>In recent years Galp has promoted several initiatives related to the aspect in question. At Galp, we are constantly concerned about the performance of our suppliers, service providers and other business partners. Throughout our procurement process, from selection to contract signing, the principles by which we govern are incorporated: ethics and transparency; respect for human rights; protection of people, the environment and assets. This approach is implemented by means of procedures and a series of standards and reference documents that our existing and future partners must familiarise themselves with, namely: Procurement policy; Code of ethics; Anti-corruption policy; HSE Policy; Human Rights policy; Quality policy and Corporate social responsibility policy.</p> <p>Find additional information about Galp's position and the way it is managed at: https://www.galp.com/corp/en/sustainability</p>	-	✓	-	-

		https://www.galp.com/corp/en/corporate-governance/documentation				
103-3	Evaluation of the form of management.	<ul style="list-style-type: none"> R&A 2017: 4.3. Managing value with lower impact - Good practices that propagate. Galp measures and monitors indicators associated with this aspect, reporting them in R&A 2017, in the sustainability channel or in this document. This information is communicated each year as part of Galp's external financial reporting. In addition, the information is independently audited by an external entity (see Disclosure 102-56). 	-	✓	-	-
204-1	Proportion of spending on local suppliers.	<p>In 2017, we made a total of €434 million purchases, distributed across 3,336 suppliers, of which 1,752 correspond to Tier 1 suppliers (suppliers with contracts in excess of €5k).</p> <p><u>Purchases by business segment (%)</u>: E&P (6%); R&M (66%); G&P (13%); Corporate services (15%).</p> <p><u>Local purchases by country (%)</u>: Portugal (85%); Spain (90%); Brazil (86%); São Tomé and Príncipe (98%); Netherlands (26%); Namibia (95%); Mozambique (72%).</p> <p>Galp understands by location geography (country) and significant operations, operations in the countries identified above.</p>	-	✓	-	12
Aspect: Reserves (OG)						
G4-OG1	Volume and type of estimated proven reserves and production.	<ul style="list-style-type: none"> R&A 2017: 3.1 Exploration and production. 	-	✓	-	-
Material aspect: Anti-corruption (205) *						
103-1	Explanation of the material theme.	<ul style="list-style-type: none"> R&A 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Identification of Galp's material themes was based on the work described in <i>Disclosure 102-47</i>. The topic "Anti-corruption" is related to the theme "Corporate Governance" and "Ethics, transparency and compliance", which are considered to be material themes (see materiality matrix in R&A 2017 - 1.5. Addressing materiality). Impacts can occur both in operations and in the value-chain.</p>	-	✓	-	-
103-2	Form of management and its components.	<ul style="list-style-type: none"> R&A 2017: 6. Corporate Governance, II - Communication of irregularities. <p>In the fight against corruption, Galp prohibits all corrupt practices in all its active and passive forms, including any attempts to practice it. To this end, Galp has approved the Corruption Prevention Policy, pledging to promote full respect for the Code of Ethics and Conduct and the laws, and to ensure best practices in terms of transparency, in line with the United Nations Convention Against Corruption 2003 (10 principles of the UN Global Compact).</p> <p>In accordance with the Corruption Prevention Policy, the business and activities of Galp and associated companies shall adopt a structure of transparency, correctness, professionalism, rigour, good faith and full respect for antitrust laws. The Corruption</p>	-	✓	-	-

		<p>Prevention Policy also sets standards for action that Galp's shareholders must also respect and comply with.</p> <p>To monitor compliance with the Corruption Prevention Policy, we have a monitoring committee - the Ethics and Conduct Committee.</p> <p>In addition, the Policy on the Prevention of Money Laundering and Terrorist Financing establishes a commitment to combat all active or passive forms of concealment of the proceeds of crime to hide their illegal origins.</p> <ul style="list-style-type: none"> • Anti-money laundering and Terrorist Financing policy: https://www.galp.com/corp/Portals/0/Recursos/Governo-Societario/SharedResources/Documentos/EN/Money_Laundering_and_Terrorist_Financing_Prevention_Policy.pdf • For more information on this topic see the Galp website - Transparency and prevention of corruption: https://www.galp.com/corp/en/corporate-governance/ethics-and-conduct/transparency-and-corruption-prevention 				
103-3	Evaluation of the form of management.	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance, II - Communication of irregularities. <p>Galp measures and monitors indicators associated with this aspect, reporting them in R&A 2017, in the sustainability channel or in this document. This information is communicated each year as part of Galp's external financial reporting. In addition, the information is independently audited by an external entity (see Disclosure 102-56).</p>	-	✓	-	-
205-1	Total number and percentage of operations subject to risk assessments related to corruption and significant identified risks.	All operations that meet any of the seven criteria provided in our internal integrity verification procedure are covered by a duty of due diligence by the Directorate of Legal and Governance at the request of Galp's businesses or any other organisational units. In 2017, 83 counter-parties were analysed through our Catalyst Compliance system. In total, there were 457 preliminary analyses of entities (which generated 83 complete portfolio analyses) and 155 analyses of individuals.	-	✓	10	16
205-2	Communication and training in anti-corruption policies and procedures.	As of 9 February 2018, 4,274 employees participated in the Code of Ethics and Conduct e-learning course, which was made available in December 2017. The e-learning course dealt with anti-corruption issues together with other issues.	-	✓	10	16
205-3	Confirmed cases of corruption and measures taken.	Galp did not report any cases of corruption in 2017.	-	✓	10	16

Material aspect: Unfair competition (206) *						
103-1	Explanation of the material theme.	<ul style="list-style-type: none"> R&A 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Identification of Galp's material themes was based on the work described in Disclosure 102-47. The topic "Anti-corruption" is related to the theme "Corporate Governance" and "Ethics, transparency and compliance", which are considered to be material themes in R&A 2017 - 1.6 Addressing materiality). Impacts can occur both in operations and in the value-chain.</p>	-	✓	-	-
103-2	Form of management and its components.	<ul style="list-style-type: none"> R&A 2017: 6. Corporate Governance - Part III - Paragraph 51: <p>Galp's Directorate of Legal and Governance monitors the internal control system by conducting internal investigations, audits or risk assessments on ethics and compliance issues such as bribery and corruption, money laundering and terrorist financing, fraud, conflicts of interest, political, economic and financial sanctions and other restrictive measures, compliance with financial and market regulations, as well as ethical and compliance due diligence for relevant partners and transactions; evaluates the performance of the ethics and compliance function in Galp's various business units, and develops special projects with a view to Galp's conformance with ethics and regulatory compliance matters. In addition, the Directorate of Legal and Governance defines controls on matters of ethics and compliance.</p>	-	✓	-	-
103-3	Evaluation of the form of management.	<ul style="list-style-type: none"> R&A 2017: 4.3. Managing value with lower impact. <p>Galp measures and monitors indicators associated with this aspect, reporting them in R&A 2017, in the sustainability channel or in this document. This information is communicated each year as part of Galp's external financial reporting. In addition, the information is independently audited by an external entity (see Disclosure 102-56).</p>	-	✓	-	-
206-1	Total number of lawsuits as a consequence of unfair competition, antitrust or monopoly practices and their outcomes.	There were no pending administrative or judicial actions related to unfair competition, antitrust or monopoly practices in 2017.	-	✓	-	16

ENVIRONMENTAL SERIES						
Material aspect: Material (301)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Material" theme is connected to the theme "Health, Safety and Environment", deemed a material theme (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain</p>	-	✓	-	-
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Over the years, Galp has promoted several initiatives concerning this aspect. Optimising the use of resources is a constant concern at Galp. We promote a responsible use of resources in the three life cycle stages of our facilities, products and services: Formulation and design; Operation and lifespan; End of life and deactivation. In all our operations, aiming at the efficiency in the use of natural resources, we operate according to four key axes. Optimising resource revenue; Redesign of processes and models; Innovation and new technologies; Preservation of natural capital.</p> <p>Galp understands that the protection of people, the environment and assets is an essential condition for generating sustainable value, and it takes responsibility in managing the risks and impacts of its operations. Through its HSE Policy, Galp undertakes to use energy and resources in an eco-efficient way and to implement technologies and procedures that guarantee the operation of facilities and equipment in safe conditions throughout its life cycle.</p> <ul style="list-style-type: none"> For more information how Galp integrate the Circular Economy Principles see the Galp website: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/environment/operational-eco-efficiency/galp-circular-economy 	-	✓	-	-
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-

301-1	Consumption of raw materials	Crude oil processed at the Matosinhos Refinery: 4,833,187 ton. Crude oil processed at the Sines Refinery: 9,374,699 ton.	-	✓	Principles 7 and 8	8; 12
301-2	Consumption of recycled materials	Galp operates an industrial unit in Sines, Enerfuel, dedicated to the transformation of waste oils and waste animal fats into second generation biofuels.	-	✓	Principles 7 and 8	8; 12
301-3	Products and packaging recovered	Weight of SPV (Sociedade Ponto Verde) packages - Plastic (ton): 132,322; Weight of SPV packages - Paper and carton (ton): 49,080; Weight of SPV packages - Steel (ton): 12,465; Weight of SPV packages - TOTAL (ton): 193,897. Declared values under SPV.	-	✓	Principles 7 and 8	8; 12
Material aspect: Energy (302)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 1.5. Addressing materiality; 4.3. Managing value with lower impact. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Energy" theme is connected to the themes "Health, Safety and Environment" and "Energy efficiency of operations, products and services", deemed material themes (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp understands that the protection of people, the environment and assets is an essential condition for generating sustainable value, and it takes responsibility in managing the risks and impacts of its operations. Through its HSE Policy, Galp undertakes to use energy and resources in an eco-efficient way and to implement technologies and procedures that guarantee the operation of facilities and equipment in safe conditions throughout its life cycle.</p> <p>A sustainable low-carbon society must be based on efficient standards of energy consumption and mobility. Therefore, in <u>our operations</u>, we are committed to transitioning to the use of more sustainable energies through technological modernisation and the implementation of energy efficiency measures, such as: Replacing fuel oil with natural gas in refineries; Launching new fuel products (Evologic), with the latest generation, more efficient additives, with less GHG generation; Producing second generation biofuels; Investing in eco-efficiency projects in the refining segment; Installing photovoltaic solar panels in filling stations for electric microgeneration; Exporting natural gas produced in the E&P activity for sale; Separating and injecting CO₂ from the natural gas produced in the E&P activity; fast-charging network of electric vehicles; among others.</p> <p>On the other hand, we promote energy efficiency among our <u>partners and clients</u>. At Galp we are constantly looking for innovative resource management solutions, in conjunction with our partners. Those improvements are reached by: Implementing more efficient solutions and equipment; implementing consumption measurement</p>	-	✓	-	-

		<p>systems; implementing decentralised energy production systems; Raising behaviour awareness among our clients.</p> <p>There is also the Galp 21, university cooperation program Galp 21 supports annually two dozen students to carry out an energy diagnosis in companies and to propose more rational solutions and behaviour.</p> <p>Galp's activities are covered by certain policies and regulations on energy and emissions, including: <u>Buildings</u>: European Directive on the energy performance of buildings and Energy Certification System for Buildings; <u>Transport</u>: Regulation on energy consumption management for the transport sector; <u>Refining</u>: European Union Emissions Trading System; Intensive Consumption of Energy Management System and the Industrial Emissions Directive. Compliance with these policies and regulations is subject to internal audits, and audits by official entities and independent external parties.</p> <p>Learn more about goals and targets at the Galp website - Energy and climate: https://www.galp.com/corp/en/sustainability/our-commitments/energy-and-climate</p> <ul style="list-style-type: none"> • Further information on Galp's position and how this theme is managed at: https://www.galp.com/corp/en/sustainability • About mobility see: http://veiculoeltrico.galp.pt 				
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-
302-1	Energy consumption within the organisation	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Environmental performance • CDP Climate Change Information Request: CC10.1a; CC11. Energy - https://www.cdp.net/en/responses <p><u>Primary energy</u>: Direct energy consumption by primary sources (TJ): 49,815. The main fuels used are NG, diesel, gasoline and fuel oil. In the refineries' activities, there is still consumption of fuel gas. This includes all Galp business segments (E&P; R&M; G&P; Others).</p> <p><u>Purchase of electricity</u>: Purchase of electricity (TJ): 1,911.</p> <p>The data hereinabove provided include all Galp business segments (E&P; R&M; G&P; Others).</p>	-	✓	Principles 7 and 8	7; 8; 12; 13

		<p><u>Electricity production:</u> Electric energy production (TJ): 3,746.</p> <p><u>Electricity sold:</u> Electricity sold (TJ): 2,519.</p> <p>The production and sale of electricity relate to R&M (Sines and Matosinhos refineries); G&P (Agroger) and Retail (service stations).</p> <p>Energy consumption is converted to GJ through internationally accepted conversion factors (APA).</p>				
302-2	Energy consumption outside the organisation	<p>Galp monitors and reports the energy consumption outside the organisation, namely: diesel consumption by the fleet of service providers (road transport); diesel consumption by the fleet of service providers (maritime transport); fuel oil consumption by the fleet of service providers.</p> <p>Energy consumption connected to the service providers (GJ): 1,982,709.</p> <p>Energy consumption is converted to GJ through internationally accepted conversion factors (APA).</p>	-	✓	Principle 8	7; 8; 12; 13
302-3	Energy intensity	<p>Galp calculates energy intensity ratios for its most relevant operations, namely: R&M and E&P.</p> <p>R&M: Sines refinery – Energy Intensity Index: 93.8.</p> <p>R&M: Matosinhos refinery – Energy Intensity Index: 80.1.</p> <p>E&P NON-operated BRAZIL (GJ/ton): 0.67 (energy consumption/hydrocarbons produced. This includes diesel and fuel gas).</p> <p>E&P NON-operated ANGOLA (GJ/ton): 1.79 (energy consumption/hydrocarbons produced. This includes diesel and fuel gas).</p>	-	✓	Principle 8	7; 8; 12; 13
302-4	Reduction of energy consumption	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4. Energy for a changing world. • CDP Climate Change Information Request: CC3.2, CC3.2a - https://www.cdp.net/en/responses <p><u>Galp 21:</u> Galp has a university cooperation programme with the name Galp 21, which annually supports two dozen students in carrying out an energy diagnosis in companies and proposing more rational solutions and behaviour. The programme - formerly known as Galp 20-20-20 - is the largest in Portugal and has already benefited 213 scholarships since 2007. In 2017, 116 measures were proposed, 21% of which were implemented by the participating entities. These measures will lead to a 10% reduction in the annual primary energy consumption and 9% in annual CO₂ emissions.</p> <p><u>Wind power:</u> on the other hand, Galp has a 12 MW installed capacity in a wind farm in Portugal (Vale Grande), and has sold the wind farms of Vale Chão and Douro Sul at the end of the first quarter of 2017. In 2017, we produced 161.3 GWh, which corresponds to 62.3 kton of CO₂ avoided and €4.3 m in avoided energy imports.</p>	-	✓	Principles 8 and 9	7; 8; 12; 13

		Refining: Reduction of 6% in direct energy consumption of primary sources per treated feedstock compared to 2016, in relation to the energy efficiency projects carried out. Internationally accepted emission factors (APA; ERSE) are used to calculate emissions. For more information, please visit the Galp website - Energy efficiency: https://www.galp.com/corp/en/sustainability/our-commitments/energy-and-climate/energy-efficiency				
302-5	Reductions in the energy needs of products and services	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 3.2. Refining & Marketing. <p>Biofuels: In 2017, Galp introduced around 248 thousand m³ of biodiesel. In Spain, around 133 thousand m³ of biofuels were introduced, also in compliance with local legislation. Through the introduction of biofuels in the road market, we have contributed to prevent 458 kton of CO₂.</p> <p>Galps aims to develop biofuel production as a contribution to a low-carbon economy (e.g. 2nd generation biodiesel through HVO co-processing technology and residual raw materials, biomethane, biorefineries).</p> <p>Galp offers its clients a wide range of services specifically designed to meet the needs of the industry, buildings and transport segments in the national market. Therefore, some concepts of proposal-type integrated energy efficiency solutions were created.</p>	-	✓	Principles 8 and 9	7; 8; 12; 13
OG2	Total amount invested in renewable energy (k€)	Capital expenditure in Belém Bioenergia Brasil (k€): 31,447. Capital expenditure in Enerfuel (k€): 70.	-	✓	-	-
OG3	Total renewable energy generated, broken down by source (MWh)	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 3.2. Refining & Marketing; 3.3. Gas & Power. <p>View indicators 302-4 and 302-5 (wind power and biofuels).</p> <p>CDP Climate Change Information Request (CC3. Targets and Initiatives; CC11. Energy): https://www.cdp.net/en/responses</p>	-	✓	-	-
Material aspect: Water (303)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Water" theme is connected to the theme "Health, Safety and Environment", deemed a material theme (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>The risks connected to water quality and availability are countless and proportionate to the trend of population growth and industrialisation. The safety of water resources is essential, especially considering climate change and its effects. In this sense, Galp is committed to the adoption of measures that lead to a more efficient and sustainable</p>	-	✓	-	-

* Material topics

		<p>use of water in our operations. We promote the reduction of water consumption and the increase of reused water, by adopting water reuse and recirculation systems.</p> <p>Galp understands that the protection of people, the environment and assets is an essential condition for generating sustainable value, and it takes responsibility in managing the risks and impacts of its operations. Through its HSE Policy, Galp undertakes to use energy and resources in an eco-efficient way and to implement technologies and procedures that guarantee the operation of facilities and equipment in safe conditions throughout its life cycle.</p> <p>Further information on Galp's position and how this theme is managed at: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/environment/biodiversity-and-water</p>																						
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-																		
303-1	Total water consumption by source	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Environmental performance. <table border="1"> <thead> <tr> <th colspan="2">2017</th> </tr> <tr> <th colspan="2">thousand m³</th> </tr> </thead> <tbody> <tr> <td>Total consumption of raw water</td> <td>10,812</td> </tr> <tr> <td>Public water</td> <td>7,291</td> </tr> <tr> <td>Fresh surface water abstracted</td> <td>0</td> </tr> <tr> <td>Groundwater abstracted</td> <td>191</td> </tr> <tr> <td>Salt water</td> <td>346</td> </tr> <tr> <td>Water for supply to third parties</td> <td>4.4</td> </tr> <tr> <td>Water supplied by third parties</td> <td>2,990</td> </tr> </tbody> </table> <p>Water consumption is determined by standard methodologies, e.g. billing, meter reading or estimating.</p>	2017		thousand m ³		Total consumption of raw water	10,812	Public water	7,291	Fresh surface water abstracted	0	Groundwater abstracted	191	Salt water	346	Water for supply to third parties	4.4	Water supplied by third parties	2,990	-	✓	Principles 7 and 8	6
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303-2	Water sources significantly affected by water abstraction	According to its knowledge to date, Galp has no activities where water consumption significantly affects water sources.	-	✓	Principle 8	6																		
303-3	Percentage and total volume of recycled and reused water	<p>In 2017, we reused 1,473,006 m³ of water, which corresponds to an overall 14% of raw water consumed.</p> <p>Volume of reused water - MR (m³): 759,006.</p>	-	✓	Principle 8	6; 8; 12																		

		Volume of reused water - SR (m ³): 714,000.				
Aspect: Biodiversity (304)						
304-1	Location in protected or adjacent areas, and areas of high biodiversity value outside protected areas	<p>100% of Galp sites are analysed in terms of biodiversity risks. None of the E&P blocks held by Galp is located within areas classified as UNESCO World Heritage or in IUCN Protected Areas, categories I to IV.</p> <ul style="list-style-type: none"> You can find more information on Galp's position and biodiversity on the Galp website - Biodiversity and water protection: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/environment/biodiversity-and-water 	-	✓	Principle 8	6; 14; 15
Material aspect: Emissions (305)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Emissions" theme is connected to the themes "Health, Safety and Environment" and "Adequate portfolio to meet energy needs", deemed material themes (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. CDP Climate Change Information Request: CC1. Governance; CC2. Strategy; CC3. Targets and Initiatives - https://www.cdp.net/en/responses <p>To ensure long-term value creation, we are committed to a sustainable strategy, reflecting the risks and opportunities related to climate change. Aware of the challenges that climate change represents and considering the expectations of its stakeholders, Galp updates its policy on climate change: https://www.galp.com/corp/Portals/0/Recursos/Governo-Societario/SharedResources/Documentos/EN/Climate-Change-Policy.pdf</p> <p>We seek a portfolio that meets the challenges of a low-carbon economy. In this portfolio, energy efficiency, minimising the intensity of GHG emissions, as well as the adaptability to the effects of climate change, are imperative conditions for the execution of operations, products and services. These are also priority areas for action with our clients and partners. The strategy is based on four axes of action and their objectives:</p> <ul style="list-style-type: none"> - Responsible exploration and production; - Efficient refining and marketing; - Innovation, research and development, and promotion of innovative and differentiating solutions that promote the transition to a low carbon economy supported by renewable energy sources; - Anticipating trends and expectations of stakeholders with regard to energy and climate. 	-	✓	-	-

		<p>Galp joins several initiatives related to the theme, namely: CDP; Zero Flaring Routine by 2030; Meet 2030; We Mean Business, among others.</p> <p>Concerning other atmospheric emissions, aware of the importance of air quality to public health and the environment, we manage our operations while safeguarding their protection. In order to make our activity and our products more sustainable, we have implemented the best available technologies (BAT) for the reduction of atmospheric emissions.</p> <p>Further information on Galp's position and how this theme is managed is on the Galp website - Climate change: https://www.galp.com/corp/en/sustainability/our-commitments/energy-and-climate/climate-change</p> <p>Further information on Galp's position and how this theme is managed is on the Galp website - Air quality and atmospheric emissions: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/environment/operational/eco-efficiency/air-emissions</p>				
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-
305-1	Direct GHG emissions (scope 1)	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Carbon footprint. • CDP Climate Change Information Request: CC7. Emissions Methodology; CC8. Emissions Data; CC9. Scope 1 Emissions Breakdown - https://www.cdp.net/en/responses <p>Galp's carbon footprint is annually calculated using the methodological framework established by The Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard, supplemented by the relevant industry adaptation promoted by the International Petroleum Industry Environmental Conservation Association (IPIECA) – Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Gas Industries. The Global Warming Potentials calculated in the IPCC Fourth Assessment Report (AR4) were used.</p>	-	✓	Principles 7 and 8	3; 12; 13; 14; 15
305-2	Indirect GHG emissions (scope 2)	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Carbon footprint. <p>Value reported according to the market-based methodology.</p>	-	✓	Principles 7 and 8	3; 12; 13; 14; 15

		<ul style="list-style-type: none"> • CDP Climate Change Information Request: CC7. Emissions Methodology; CC8. Emissions Data; CC10. Scope 2 Emissions Breakdown - https://www.cdp.net/en/responses 																																												
305-3	Other indirect GHG emissions (scope 3)	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Carbon footprint. • CDP Climate Change Information Request: CC14. Scope 3 Emissions - https://www.cdp.net/en/responses 	-	✓	Principles 7 and 8	3; 12; 13; 14; 15																																								
305-4	Carbon intensity	<ul style="list-style-type: none"> • CDP Climate Change Information Request: CC12. Emissions Performance - https://www.cdp.net/en/responses <p>Galp calculates carbon intensity ratios for its most relevant operations, namely: R&M and E&P. In Refining, CWT is the denominator. In the case of E&P, the denominator is the amount of hydrocarbons produced. The ratios are calculated with Scope 1 GHG emissions.</p> <table border="1"> <thead> <tr> <th colspan="2" style="text-align: right;">2017</th> </tr> </thead> <tbody> <tr> <td colspan="2">Carbon intensity (Refining)</td> </tr> <tr> <td>Sines refinery (CO₂/CWT)</td> <td style="text-align: right;">31.3</td> </tr> <tr> <td>Matosinhos refinery (CO₂/CWT)</td> <td style="text-align: right;">28.9</td> </tr> <tr> <td colspan="2">Carbon intensity (E&P)</td> </tr> <tr> <td>E&P Operated - Brazil (ton CO₂e)</td> <td style="text-align: right;">2,791</td> </tr> <tr> <td>E&P Operated - Brazil (ton CO₂e/10³ton)</td> <td style="text-align: right;">316</td> </tr> <tr> <td>E&P Operated - Brazil (ton CO₂e/kboe)</td> <td style="text-align: right;">42.5</td> </tr> <tr> <td>E&P NON-operated - Brazil (ton CO₂e)</td> <td style="text-align: right;">289,121</td> </tr> <tr> <td>E&P NON-operated - Brazil (ton CO₂e/10³ton)</td> <td style="text-align: right;">62.4</td> </tr> <tr> <td>E&P NON-operated - Brazil (ton CO₂e/kboe)</td> <td style="text-align: right;">8.4</td> </tr> <tr> <td>E&P NON-operated - Angola (ton CO₂e)</td> <td style="text-align: right;">58,072</td> </tr> <tr> <td>E&P NON-operated - Angola (ton CO₂/10³ ton)</td> <td style="text-align: right;">152.5</td> </tr> <tr> <td>E&P NON-operated - Angola (ton CO₂/kboe)</td> <td style="text-align: right;">20.5</td> </tr> <tr> <td>E&P NON-operated - TOTAL (ton CO₂e)</td> <td style="text-align: right;">347,193</td> </tr> <tr> <td>E&P NON-operated - TOTAL (ton CO₂/10³ ton)</td> <td style="text-align: right;">69.3</td> </tr> <tr> <td>E&P NON-operated - TOTAL (ton CO₂/kboe)</td> <td style="text-align: right;">189.4</td> </tr> <tr> <td>E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) (ton CO₂e)</td> <td style="text-align: right;">349,984</td> </tr> <tr> <td>E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) (ton CO₂e/10³ ton)</td> <td style="text-align: right;">69.7</td> </tr> <tr> <td>E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) (ton CO₂e/kboe)</td> <td style="text-align: right;">9.4</td> </tr> </tbody> </table>	2017		Carbon intensity (Refining)		Sines refinery (CO ₂ /CWT)	31.3	Matosinhos refinery (CO ₂ /CWT)	28.9	Carbon intensity (E&P)		E&P Operated - Brazil (ton CO ₂ e)	2,791	E&P Operated - Brazil (ton CO ₂ e/10 ³ ton)	316	E&P Operated - Brazil (ton CO ₂ e/kboe)	42.5	E&P NON-operated - Brazil (ton CO ₂ e)	289,121	E&P NON-operated - Brazil (ton CO ₂ e/10 ³ ton)	62.4	E&P NON-operated - Brazil (ton CO ₂ e/kboe)	8.4	E&P NON-operated - Angola (ton CO ₂ e)	58,072	E&P NON-operated - Angola (ton CO ₂ /10 ³ ton)	152.5	E&P NON-operated - Angola (ton CO ₂ /kboe)	20.5	E&P NON-operated - TOTAL (ton CO ₂ e)	347,193	E&P NON-operated - TOTAL (ton CO ₂ /10 ³ ton)	69.3	E&P NON-operated - TOTAL (ton CO ₂ /kboe)	189.4	E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) (ton CO ₂ e)	349,984	E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) (ton CO ₂ e/10 ³ ton)	69.7	E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) (ton CO ₂ e/kboe)	9.4	-	✓	Principle 8	13; 14; 15
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305-5	Reducing GHG emissions	<p>View Disclosures 302-4 and 302-5.</p> <ul style="list-style-type: none"> • CDP Climate Change Information Request: CC3. Targets and Initiatives - https://www.cdp.net/en/responses 	-	✓	Principles 8 and 9	13; 14; 15																																								

		<ul style="list-style-type: none"> For more information, please visit the Galp website - Climate Change: https://www.galp.com/corp/en/sustainability/our-commitments/energy-and-climate/climate-change 				
305-6	Emissions of ozone-depleting substances, by weight	Our Company does not manufacture or sell products that emit substances that damage the ozone layer. On the other hand, it ensures compliance of equipment containing such substances with applicable regulations, verifying such compliance through auditing. Finally, our Company has a Regulatory Guide – Management of substances that deplete the ozone layer. We thereby guarantee the absence of significant emission sources of these substances.	-	✓	Principles 7 and 8	3; 12
305-7	NOx, SOx and other atmospheric emissions	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Environmental performance. <p>Internationally accepted emission factors (EEA; APA) applied to energy consumptions are used to calculate emissions. In Refining, emissions are measured continuously.</p>	-	✓	Principles 7 and 8	3; 12; 14; 15
Material aspect: effluents and waste (306)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Effluents and waste" theme is connected to the theme "Health, Safety and Environment", deemed a material theme (view materiality matrix in the Annual Report and Accounts 2017 - 1.6 Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>We are committed to the preservation of resources that are fundamental for the future of the planet. We assure efficiency in the consumption of natural resources, in waste production and recovery, and in the emission of liquid and gaseous effluents.</p> <p>Galp understands that the protection of people, the environment and assets is an essential condition for generating sustainable value, and it takes responsibility in managing the risks and impacts of its operations. Through its HSE Policy, Galp undertakes to use energy and resources in an eco-efficient way and to implement technologies and procedures that guarantee the operation of facilities and equipment in safe conditions throughout its life cycle.</p> <p>At Galp, we are committed to the continuous improvement of Health, Safety and Environmental performance, reducing the negative impact, and maximising the positive effect of our activities.</p> <p>Particularly in waste, we set operational priorities in waste management, following these levels of hierarchy: Production prevention and reduction - In the design of facilities and better management of operations; Reuse - of products, prolonging their operating life; Recycling - Recovering the materials/components. Recovery - In energy terms; Treatment and disposal.</p>	-	✓	-	-

		<ul style="list-style-type: none"> Further information on Galp's position and how this theme is managed is on the Galp website - Waste production and recovery: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-the-environment-and-assets/environmental-protection/promoting-operational-eco-efficiency/production-of-waste-and-its-recovery https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/environment/operational-eco-efficiency/galp-circular-economy 																		
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56). Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner. 	-	✓	-	-														
306-1	Production of liquid effluents, by quality and by destination	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Environmental performance. <table border="1"> <thead> <tr> <th colspan="2" style="text-align: right;">2017</th> </tr> <tr> <th colspan="2" style="text-align: right;">thousand m³</th> </tr> </thead> <tbody> <tr> <td>Total production of liquid effluents</td> <td style="text-align: right;">5,697</td> </tr> <tr> <td>Water environment</td> <td style="text-align: right;">1,482</td> </tr> <tr> <td>Soil</td> <td style="text-align: right;">6.3</td> </tr> <tr> <td>Municipal collector</td> <td style="text-align: right;">490</td> </tr> <tr> <td>Delivered to a specialised company</td> <td style="text-align: right;">3,719</td> </tr> </tbody> </table> <p>E&P Non-operated - Angola (water environment effluent) (thousand m³): 782. Effluent production is determined by standard methodologies, e.g. billing or estimating.</p>	2017		thousand m ³		Total production of liquid effluents	5,697	Water environment	1,482	Soil	6.3	Municipal collector	490	Delivered to a specialised company	3,719	-	✓	Principle 8	3; 6; 12; 14
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306-2	Waste produced, by type and method of treatment	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Environmental performance <table border="1"> <thead> <tr> <th colspan="2" style="text-align: right;">2017</th> </tr> <tr> <th colspan="2" style="text-align: right;">tonnes</th> </tr> </thead> <tbody> <tr> <td>Total waste production</td> <td style="text-align: right;">30,115</td> </tr> <tr> <td>Recovered</td> <td style="text-align: right;">8,601</td> </tr> <tr> <td>Disposed</td> <td style="text-align: right;">21,514</td> </tr> </tbody> </table>	2017		tonnes		Total waste production	30,115	Recovered	8,601	Disposed	21,514	-	✓	Principle 8	3; 6; 12				
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306-3	Occurrence of spillage	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact – Environmental performance. <table border="1"> <thead> <tr> <th colspan="2">2017</th> </tr> <tr> <th colspan="2">no. and m³</th> </tr> </thead> <tbody> <tr> <td>Losses of primary containment (no.) (>150 l)</td> <td>13</td> </tr> <tr> <td>Losses of primary containment (m³)</td> <td>26.6</td> </tr> <tr> <td>Losses of primary containment that reached the environment (no.) (>150 l)</td> <td>3</td> </tr> <tr> <td>Losses of primary containment that reached the environment (m³)</td> <td>5.4</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Further information on Galp's position and how this theme is managed is on the Galp website - Spill prevention and mitigation: https://www.galp.com/corp/en/sustainability-our-commitments/protection-of-people-environment-assets/environment/prevention-and-mitigation-of-spills 	2017		no. and m ³		Losses of primary containment (no.) (>150 l)	13	Losses of primary containment (m ³)	26.6	Losses of primary containment that reached the environment (no.) (>150 l)	3	Losses of primary containment that reached the environment (m ³)	5.4	-	✓	Principle 8	3; 6; 12; 14; 15		
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306-4	Weight of transported, imported, exported or treated hazardous waste and percentage of shipments of waste internationally transported	Not applicable. Galp does not import/export hazardous waste.	-	✓	-	3 12														
306-5	Water resources, and their habitats affected by water discharges and drainage	Waste water discharges are subject to licensing and we assume that compliance with standards guarantees the absence of impacts on biodiversity. On the other hand, at the main industrial facilities we monitor the quality of groundwater and carry out quantitative risk analyses, which confirm that surrounding ecosystems are not impacted by our activities.	-	✓	Principle 8	6; 14; 15														
G4-OG5	Volume of water produced	E&P NON-operated - Angola (m ³): 781,920. E&P NON-operated - Angola (m ³ /10 ³ ton): 2,054.	-	✓	-	-														

G4-OG6	Volume of flared and vented hydrocarbons	Flaring:					
			2017				
		Flaring (E&P)					
		E&P Operated Brazil - Gas flaring (m ³)	1,109,485.0				
		E&P Operated Brazil - Gas flaring (ton)	907.6				
		E&P Operated BRAZIL - Ratio (ton/10³ ton)	8,833.7				
		E&P NON-operated Brazil - Gas flaring (m ³)	296,068,380				
		E&P NON-operated BRAZIL - Gas flaring (ton)	242,184				
		E&P NON-operated BRAZIL - Ratio (ton/10³ ton)	52.28	-	✓	-	-
		E&P NON-operated ANGOLA - Gas flaring (m ³)	3,945,624				
		E&P NON-operated ANGOLA - Gas flaring (ton)	3,228				
		E&P NON-operated ANGOLA - Ratio (ton/10³ ton)	8.48				
		E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) - Gas flaring (m ³)	301,123,489				
E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) - Gas flaring (ton)	246,319						
E&P TOTAL (Brazil OP + Brazil NOP + Angola NOP) - Ratio (ton/10³ ton)	49.05						
In non-operated Blocks, we do not carry out venting.							
G4-OG7	Amount of drilling waste and strategy for their disposal	E&P (operated) - Brazil (ton): 0. There was no drilling in 2017. E&P (non-operated): information not available. The operator does not provide this information.	-	✓	-	-	
Aspect: Products and services (OG)							
G4-OG8	Lead, benzene and sulphur content in fuels	See SR 2013, page 73: https://www.galp.com/corp/Portals/0/Recursos/Investidores/SharedResources/Relatorios/EN/2013RA/Sustainability-report-2013-en.pdf	-	✓	-	-	
Material aspect: Environmental compliance (307)*							
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Environmental compliance" theme is connected to the theme "Corporate governance" and "Ethics, transparency and compliance", deemed a material theme (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-	
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp understands that the protection of people, the environment and assets is an essential condition for generating sustainable value, and it takes responsibility in managing the risks and impacts of its operations. Through its HSE Policy, Galp undertakes to comply, in all its activities and geographies, with the applicable</p>	-	✓	-	-	

		<p>legislation and regulations on Health, Safety and Environment.</p> <p>Within the Risk Management Committee's framework, there is a working group that addresses issues related to the environment, quality and safety, compliance and regulatory changes. During 2017, the working group focused on the most critical risks in these matters and reported the findings of its evaluation to the Committee.</p> <p>At Galp, we are committed to the continuous improvement of Health, Safety and Environmental performance, reducing the negative impact, and maximising the positive effect of our activities.</p> <p>Galp has a tool for periodically reviewing applicable legislation (e.g. environmental and other) to minimize potential regulatory and compliance risks related to the issue. In addition, Galp performs internal and external annual audits of verification and legal compliance.</p> <ul style="list-style-type: none"> • Further information on Galp's position and how this theme is managed is on the Galp website - Environmental protection: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-the-environment-and-assets/environmental-protection 				
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-
307-1	Non-monetary fines and penalties for non-compliance with environmental laws and regulations	<p>There were no convictions regarding non-monetary sanctions or significant fines for non-compliance with environmental laws and regulations in 2017.</p> <p>Galp considers significant fines those over €100,000.</p>	-	✓	Principle 8	16
Material aspect: Environmental assessment of suppliers (308)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> • Annual Report and Accounts 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Environmental assessment of suppliers" theme is connected to the theme "Sustainable management of the value chain", deemed a material theme (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Form of management and its components	<p>At Galp, we are constantly concerned with the actions of our suppliers, contractors and other business partners. We want their performance to conform to the</p>	-	✓	-	-

		<p>requirements we apply to our operations and activities. We demand that business practices comply with the contractual terms we establish in the various sustainability components.</p> <p>Throughout our procurement process, from selection to contract formalisation, the following principles that govern us are incorporated: Ethics and transparency; Respect for human rights; Protection of the environment, people and assets. This approach is implemented through procedures and a series of regulations and reference documents that our current and future partners must know, namely: Procurement policy; Code of ethics; Anti-corruption policy; Health, Safety and Environmental policy; Quality policy; Corporate responsibility policy.</p> <p>View more information in what concerns Supply chain risk management, Certifications, Supplier audits and Selection criteria of suppliers to be audited on the Galp website - Sustainable supply chain management: https://www.galp.com/corp/en/sustainability/our-commitments/engaging-stakeholders/engaging-with-suppliers-and-partners</p>														
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-										
308-1	New suppliers assessed based on environmental criteria	<p>All our suppliers are assessed based on environmental criteria.</p> <p>In the scope of APETRO (Portuguese Association of Petroleum Companies), in 2017, 4 audits were carried out by Carriers that render services to Galp, and 4 audits are planned for 2018. At Galp, together with the Portuguese Association of Petroleum Companies (APETRO), we have an audit plan in place for contractors who transport our products. All drivers attend compulsory courses, whose contents are validated by Galp, regarding defensive driving, handling of products, among others. Also in the scope of this agreement with APETRO, we signed a Road Safety Agreement with other associated companies to improve the conditions of inland transport of petroleum products. Namely, we have developed initiatives with public entities for legislative reviews and to develop a founded support system in case of accident.</p> <p><u>Certification of suppliers:</u></p> <table border="1"> <thead> <tr> <th></th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>International Standard</td> <td></td> </tr> <tr> <td>Quality (ISO 9001)</td> <td>2,938</td> </tr> <tr> <td>Environment (ISO 14001)</td> <td>1,305</td> </tr> <tr> <td>Security (OHSAS 18001)</td> <td>1,261</td> </tr> </tbody> </table>		2017	International Standard		Quality (ISO 9001)	2,938	Environment (ISO 14001)	1,305	Security (OHSAS 18001)	1,261	-	✓	Principle 8	-
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308-2	Negative environmental impacts in the supply chain and actions taken.	<p>No tier 1 (critical and non-critical) suppliers with high environmental sustainability risk were identified.</p> <p>For more information, please visit the Galp website - Sustainable supply chain management: https://www.galp.com/corp/en/sustainability/our-commitments/engaging-stakeholders/engaging-with-suppliers-and-partners</p>	-	✓	Principle 8	-																																		
SOCIAL SERIES																																								
Material aspect: Employment (401)*																																								
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.2. Because people are our best energy; 1.5. Addressing materiality. <p>Galp's material themes were identified based on the work described in Disclosure 102-47. The "Employment" theme is connected to the themes "Attracting and retaining talent" and "Training and development", deemed material themes (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.</p>	-	✓	-	-																																		
103-2	Form of management and its components	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.2. Because people are our best energy. <p>The management and development of our human capital is a crucial factor in the success of our Organisation. We position ourselves as a competitive employer, offering the conditions to attract, develop and retain the talent of employees, considering the strategic and context challenges that the Organisation faces.</p>	-	✓	-	-																																		

		To meet our goal of creating value for all stakeholders, we regularly adjust our human capital strategy, focusing on the following areas of action: Recruitment; Development; Performance management; Compensation; Welcoming, learning and training; Information systems. For further information on this theme, please visit the Galp website - Valuing human capital: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital				
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.2. Because people are our best energy. Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).	-	✓	-	-
401-1	Total number and rates of new employee hires and employee turnover by age group, gender and region	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.2. Because people are our best energy. Detailed information on: HR Annex. 	-	✓	-	5; 8
401-2	Benefits granted to employees	At Galp we are concerned about the general welfare of our employees, and we provide them with a number of benefits. We make available to all of our employees and pensioners a set of social insurances other than those provided for in the Labour Code (for example, health insurance and life insurance). View the different benefits we offer on the Galp website - Benefits and compensations: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/benefits-and-compensations	-	✓	-	8
401-3	Rates of return to work and retention after maternity/paternity leave, broken down by gender	Right to take leave (M&F): 100% Rate of return (M&F): 100%* Retention rate (M&F): 100%* * No causal relationship is found between parental leave situations and leaving the Company.	-	✓	Principle 3	5; 8
Aspect: Labour relations (402)						
402-1	Minimum notice period for operational changes and whether these are specified in collective bargaining agreements	There is no minimum notice with regard to operational changes. Employees are notified of any such changes in a manner deemed timely and appropriate by Management.	-	✓	Principle 4	8
Material aspect: Safety and occupational health (403)*						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 1.4. Value creation model; 4.2. Because people are our best energy; 1.5. Addressing materiality. 	-	✓	-	-

		Galp's material themes were identified based on the work described in Disclosure 102-47. The "Occupational safety and health" theme is connected to the theme "Health, Safety and Environment", deemed a material theme (view materiality matrix in the Annual Report and Accounts 2017 - 1.5. Addressing materiality). Impacts may occur both in operations and in the value chain.				
103-2	Form of management and its components	<p>• Annual Report and Accounts 2017: 4.3. Managing value with lower impact.</p> <p>The best security practices are a priority to our Organisation. On a day-to-day basis, we seek to protect our employees and all those who work with us, the community and the environment. We act according to the best <u>security</u> practices, protecting our employees and all those who work with us, the community and the environment. Safety is a priority in all our projects and therefore we seek to keep in mind in our daily lives and reflected in the behaviours, attitudes and decisions of all those who are part of our Organisation.</p> <p>We set Safety performance goals throughout the different levels of the organisation, to boost their integration as a priority in the day-to-day activities and as a condition for the Company's sustainability objectives.</p> <p>The visible commitment of each and every one of those who are part of the Organisation is crucial (HSE operational management system, Management Commitment - Element 01) The commitment of management and responsibilities throughout the organisation's hierarchical structure are explicitly expressed in our HSE Policy and in our HSE operational management System, safeguarding the integration of safety and health with strategy and decisions applied on a daily basis at our Company.</p> <p>The risk assessment activities are ensured at all of our operations to identify and manage the main safety risks. We raise our employees' awareness to the importance of these activities. Our operations have security management systems and are periodically subject to third party independent audits.</p> <p>We promote an integrated health management that follows the best international practices and regulations, based on four principles: precaution; prevention; protection; continuous improvement.</p> <p>We understand health protection in a comprehensive perspective, taking into account all aspects of the physical, mental health and well-being of our employees and their families. We focus primarily on two key dimensions: health and medical surveillance; provision of health care in the event of an accident or illness.</p> <p>Through its HSE Policy, Galp undertakes to integrate HSE into the company's strategy and activity, and to establish challenging goals and objectives on HSE matters, measuring and evaluating the results obtained, and taking the necessary actions for its pursuit, committing all employees and service providers.</p>	-	✓	-	-

		<p>For further information on this theme, please visit the Galp website - Safety: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/safety</p> <p>For further information on this theme, please visit the Galp website - Health: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/health</p> <p>For further information on this theme, please visit the Galp website - Our culture and management systems: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/hse-strategy/our-culture-and-management-systems</p>																																		
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>Galp performs the measuring and monitoring of the indicators connected to this aspect and reports them in the Annual Report and Accounts 2017, in the sustainability channel or in this document. This information is reported every year, within the scope of Galp's non-financial information external reporting. Additionally, the information is independently audited by an external entity (view Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and disclose this Policy to stakeholders and to report its HSE performance in a responsible and transparent manner.</p>	-	✓	-	-																														
403-1	Workforce percentage represented in formal health and safety committees	42% of the employees are represented by Health and Safety Committees.	-	✓	-	8																														
403-2	Types and rates of injuries, occupational diseases, days lost, absenteeism and number of work-related fatalities, broken down by region and gender	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. Detailed information on: HR Annex. <p><u>Accidents:</u></p> <table border="1"> <thead> <tr> <th></th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>No. of accidents with lost time</td> <td>17</td> </tr> <tr> <td><u>Employees</u></td> <td><u>13</u></td> </tr> <tr> <td> Female</td> <td>3</td> </tr> <tr> <td> Male</td> <td>10</td> </tr> <tr> <td><u>Contractors</u></td> <td><u>4</u></td> </tr> <tr> <td> Female</td> <td>0</td> </tr> <tr> <td> Male</td> <td>4</td> </tr> <tr> <td>Fatalities</td> <td>0</td> </tr> <tr> <td><u>Employees</u></td> <td><u>0</u></td> </tr> <tr> <td> Female</td> <td>0</td> </tr> <tr> <td> Male</td> <td>0</td> </tr> <tr> <td><u>Contractors</u></td> <td><u>0</u></td> </tr> <tr> <td> Female</td> <td>0</td> </tr> <tr> <td> Male</td> <td>0</td> </tr> </tbody> </table>		2017	No. of accidents with lost time	17	<u>Employees</u>	<u>13</u>	Female	3	Male	10	<u>Contractors</u>	<u>4</u>	Female	0	Male	4	Fatalities	0	<u>Employees</u>	<u>0</u>	Female	0	Male	0	<u>Contractors</u>	<u>0</u>	Female	0	Male	0	-	✓	-	3; 8
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403-3	Employees with high incidence and high risk of diseases related to their occupation	<ul style="list-style-type: none"> Annual Report and Accounts 2017: 4.3. Managing value with lower impact. <p>We have internal regulations, under the G+ System, for task safety analyses, in order to prevent potential situations that may cause injury to people, property, or the environment. Task safety analysis (TSA) is a tool that provides a systematic and effective methodology to identify hazards and determine preventive control actions at each stage of the task, to ensure safety during implementation.</p> <p>In addition, all health risks arising from planned operations must be properly identified, evaluated and managed in order to reduce the risk of diseases related to occupational health. Each employee must have adequate and periodic medical supervision and appropriate measures must be taken to ensure the safe return to work of those who have contracted occupational injuries or illnesses. Appropriate risk management related to health aspects should be integrated throughout the life cycle of activities and across geographies.</p> <p>We also have an internal standard that defines the minimum requirements for occupational health programmes, covering three key areas: safety and hygiene at work, ergonomics, and occupational medicine.</p> <ul style="list-style-type: none"> Galp website – Health: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/health 	-	✓	-	3; 8																																									

403-4	Health and safety-related topics covered by formal agreements with trade unions	Galp website – Health and safety topics covered in formal agreements with Trade unions: https://www.galp.com/corp/Portals/0/Recursos/Sustentabilidade/SharedResources/Documents/Health-and-safety-itens.pdf	-	✓	-	8
Material aspect: Training and education (404) *						
103-1	Explanation of the material theme	<ul style="list-style-type: none"> R&A 2017: 1.4. Value creation model; 4.2. Because people are our best energy; 1.5. Addressing materiality. <p>Identification of Galp's material themes was based on the work described in <i>Disclosure</i> 102-47. The topic "Training and education" is related to the themes "Attraction and retention of skilled individuals" and "Training and development", which are considered to be material themes (see materiality matrix in R&A 2017 - 1.6 Addressing materiality). Impacts can occur both in operations and in the value-chain.</p>	-	✓	-	-
103-2	Form of management and its components	<ul style="list-style-type: none"> R&A 2017: 4.2. Because people are our best energy. <p>Aware of the new challenges posed by a more technological and ever changing world, we have developed a new vision for <u>personal development</u>, with the goal of creating a lifelong learning environment that is personalised and open to the world, based on innovative methodologies that transfer knowledge and experience. In this new approach, our focus is on:</p> <p>Understanding: formal learning for the development of technical and behavioural skills, focusing on strategic partnerships; Doing: learning through real experience that promotes the development of technical, behavioural and business <i>skills</i>; Sharing: learning through created interpersonal relationships that promote truly transformational changes in people; Measuring: metrics to assess the real impact of learning on people and business. In order to stimulate a true learning culture in Galp, we define guidelines which are expressed in our Manifesto.</p> <p>Regarding <u>the management of skilled individuals</u>, we have redefined our skill management strategy (talento@Galp) based on identifying and evaluating the following characteristics: i) Technical and behavioural performance: takes into account aspects such as results achieved, technical knowledge and alignment with Galp values and culture; ii) Motivation and ambition: covers aspects such as motivation, professional pride and focus on objectives; iii) Commitment to the Company: considers aspects such as identification with principles and values, being a product ambassador, being a change agent.</p> <p>At Galp, our <u>performance management</u> system is an essential component for aligning each employee with corporate strategy, objectives and values. For this purpose in 2016 Galp defined a new performance management model, based on a culture of continuous feedback. The main changes introduced by the new model include the following characteristics: Its universality; Focus on the motivation and development of individuals; Meritocracy and differentiation orientation; coherence and integration; objectivity. Therefore, the new model particularly values behavioural competencies</p>	-	✓	-	-

		<p>directly related to the Galp values, because of recognition of the importance of "how things are done" and not just "what is done". Finally, the model can also differentiate the degree of responsibility in achieving objectives.</p> <p>For more information on this topic see the Galp website - Human capital development: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/human-capital-development</p> <p>For more information on this topic see the Galp website - Skills management: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/talent-management</p> <p>For more information on this topic see the Galp website - Performance management: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/performance-management</p>																																								
103-3	Evaluation of the form of management	<ul style="list-style-type: none"> R&A 2017: 4.2. Because people are our best energy. <p>Galp measures and monitors indicators associated with this aspect, reporting them in R&A 2017, in the sustainability channel or in this document. This information is communicated each year as part of Galp's external non-financial information report. In addition, the information is independently audited by an external entity (see Disclosure 102-56).</p>	-	✓	-	-																																				
404-1	Average number of hours of training per year per employee, broken down by gender and functional category	<ul style="list-style-type: none"> R&A 2017: 4.2. Because people are our best energy. Detailed information in: HR Annex <p><u>Training:</u></p> <table border="1"> <thead> <tr> <th></th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>Training hours</td> <td>185,730</td> </tr> <tr> <td>Executive/Top Management</td> <td>2,249</td> </tr> <tr> <td>Male</td> <td>2,109</td> </tr> <tr> <td>Female</td> <td>140</td> </tr> <tr> <td>Middle/General management</td> <td>26,210</td> </tr> <tr> <td>Male</td> <td>16,174</td> </tr> <tr> <td>Female</td> <td>10,036</td> </tr> <tr> <td>First-line Management/Supervisor</td> <td>9,515</td> </tr> <tr> <td>Male</td> <td>7,145</td> </tr> <tr> <td>Female</td> <td>2,370</td> </tr> <tr> <td>Specialists</td> <td>65,341</td> </tr> <tr> <td>Male</td> <td>37,202</td> </tr> <tr> <td>Female</td> <td>28,139</td> </tr> <tr> <td>Others</td> <td>82,415</td> </tr> <tr> <td>Male</td> <td>52,928</td> </tr> <tr> <td>Female</td> <td>29,487</td> </tr> <tr> <td>TOTAL</td> <td>185,730</td> </tr> </tbody> </table>		2017	Training hours	185,730	Executive/Top Management	2,249	Male	2,109	Female	140	Middle/General management	26,210	Male	16,174	Female	10,036	First-line Management/Supervisor	9,515	Male	7,145	Female	2,370	Specialists	65,341	Male	37,202	Female	28,139	Others	82,415	Male	52,928	Female	29,487	TOTAL	185,730	-	✓	-	4; 5; 8
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404-2	Competency management and lifelong learning programmes that contribute to the continuity of employees' employability during preparation period for retirement	<ul style="list-style-type: none"> • R&A 2017: 4.2. Because people are our best energy. <p>We have developed several training programmes in order to develop the skills of our teams, namely:</p> <p><u>FormAG</u>: advanced management training programme that complements training for senior management and young people with high potential in the advanced management, energy and behavioural fields. The main objective of this project is to prepare employees for functions with increasing responsibility within the Company, and also to encourage internal networking. Since its launch in 2010, 854 employees (managers) have participated.</p> <p><u>Kaizen</u> : programme focused on retail activity in the R&M business with the aim of improving operational performance. Started in 2017, it has encompassed 2,500 employees in 400 service stations.</p> <p><u>MSc in Petroleum Engineering</u> : A higher education programme developed by the Institute of Oil and Gas (ISPG) in partnership with Heriot-Watt University in Scotland. It offers a learning experience strongly based on the specific needs of the oil and gas industry and in particular, Galp's ambitious portfolio of exploration and production projects. The 4th edition of this programme, launched in 2014 was attended by 71 people.</p> <p><u>PhD Programme in Refining, Petrochemical and Chemical Engineering</u>: run in partnership with Portuguese universities, we are developing projects that aim to extract more value from our supply, refining and logistics activity. Training hours in 2017: 3,816; Galp employees trained to date: 188.</p>	-	✓	-	8																				
404-3	Percentage of employees who regularly receive performance and career development analyses, broken down by gender and professional category	<ul style="list-style-type: none"> • R&A 2017: 4.2. Because people are our best energy. <p><u>Performance evaluation</u>:</p> <table border="1"> <thead> <tr> <th></th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>Executive/Top Management</td> <td>98%</td> </tr> <tr> <td>Top Managers</td> <td></td> </tr> <tr> <td>Male</td> <td>100%</td> </tr> <tr> <td>Female</td> <td>100%</td> </tr> <tr> <td>Middle/General Management</td> <td></td> </tr> </tbody> </table>		2017	Executive/Top Management	98%	Top Managers		Male	100%	Female	100%	Middle/General Management		-	✓	Principle 6	5, 8								
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405-1	Composition of groups responsible for governance and break-down of employees by functional category, based on gender, age group, minorities and other diversity indicators	<ul style="list-style-type: none"> • R&A 2017: 4.2. Because people are our best energy. • Detailed information in: HR Annex 	-	✓	-	5, 8																																																								
405-2	Ratio of salary and remuneration between Males and Females, broken-down by	<ul style="list-style-type: none"> • R&A 2017: 4.2. Because people are our best energy. <p><u>Remuneration:</u></p> <table border="1"> <thead> <tr><th colspan="2">2017</th></tr> </thead> <tbody> <tr><td></td><td></td></tr> </tbody> </table>	2017				-	✓	Principle 6	5; 8; 10																																																				
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<p>Aspect: No-discrimination (406)</p>																																														
<p>406-1 Total number of discrimination cases and corrective measures taken</p>	<p>0 cases. No cases were identified in 2017.</p> <p><i>"We do not act in a discriminatory manner in relation to our employees nor any person, particularly on the basis of race, religion, sex, sexual orientation, ancestry, age, language, territory of origin, political or ideological convictions, economic situation, or contractual relationship."</i></p> <p><i>"Galp promotes policies and measures aimed at preventing discriminatory actions, as well as to deepen gender diversity in the Organisation." in our Code of Ethics and <u>Conduct</u>.</i></p> <p><i>We reject any form of discrimination including any based on race, ethnic origin, colour, sex, sexual orientation, age, religious conviction, nationality, family and socio-economic status, marital status, education, disability, or political ideology, and we guarantee equality of opportunities and treatment in everything pertaining to professional activity." In our Human Rights Policy.</i></p> <ul style="list-style-type: none"> • For more information on this topic see the Galp website - Non-discrimination and equality of opportunities: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/human-capital-strategy 	<p>-</p>	<p>✓</p>	<p>Principle 6</p>	<p>5; 8; 16</p>																																									
<p>Aspect: Freedom of association and collective bargaining (407)</p>																																														

407-1	Operations and suppliers identified in which the right to exercise freedom of association and collective bargaining may be at risk	0 occurrences in 2017. For more information on this topic see the Galp website - Staff participation: https://www.galp.com/corp/en/sustainability/our-commitments/valuing-human-capital/engagement-with-employees	-	✓	Principle 3	8
Aspect: Child labour (408)						
408-1	Operations and suppliers identified to be at risk through the occurrence of child labour cases	0 cases. No cases were identified in 2017. <i>"We do not act in a discriminatory manner in relation to our employees nor any person, particularly on the basis of race, religion, sex, sexual orientation, ancestry, age, language, territory of origin, political or ideological convictions, economic situation, or contractual relationship."</i> in our Code of Ethics and Conduct. <i>"Galp's relationship with its suppliers implies fulfilment of the requirements that embody each of the following principles: Principle 1 - Respect for Human Rights and Labour Conditions Ensuring the non-use of forced or coercive labour ."</i> in our Procurement Policy . • More information about our Procurement Policy: https://www.galp.com/corp/Portals/0/Recursos/Governo-Societario/SharedResources/Documentos/EN/Purchasing-Policy.pdf	-	✓	Principle 5	8, 16
Aspect: Child labour (409)						
409-1	Operations and suppliers identified as being at significant risk for the occurrence of forced or slave-like labour	No occurrences in 2017. At Galp, we believe that there is no risk of forced labour involving our employees. With respect to suppliers and other business partners, through our Procurement policy we prohibit and condemn any type of work-related practice, by not establishing or maintaining relationships with any suppliers which do not adopt established principles. <i>"Galp's relationship with its suppliers implies fulfilment of the requirements that embody each of the following principles: Principle 1 - Respect for Human Rights and Labour Conditions Ensuring the non-use of forced or coercive labour ."</i> in our Purchasing Policy .	-	✓	Principle 4	8
Material topic: Security practices (410)*						
103-1	Explanation of the material topic	• R&A 2017: 1.4. Value creation model; 4.2. Because people are our best energy; 1.5. Addressing materiality. The identification of Galp's material topics was based on the work described in Disclosure 102-47. The topic "Security practices" is related to the topic "Health, Safety and the Environment", considered to be a material topic (see materiality matrix in R&A 2017 – 1.5. Addressing materiality). The impacts may occur both in operations and in the value chain.	-	✓	-	-

103-2	Management approach and its components	<ul style="list-style-type: none"> • R&A 2017: 4.3. Managing value with lower impact. <p>We recognise the importance of assessing the threat level in countries where our Company holds assets, particularly in geographies where political and social instability is on the agenda. The security area of our Company ensures: risk analysis of the geopolitical situation of the countries where Galp has stakes in, per country and on a regular basis; regular analysis of the security risk, per location where Galp operates; analysis of health risks and regular monitoring of their evolution, per location where Galp operates; active promotion of employee awareness, by issuing alerts with the main precautions to be adopted in each location and by each travelling employee; support in planning and managing crisis situations.</p> <p><i>“Galp, as an operator developing activities in different geographies that are subject to different geopolitical conditions and socio-economic contexts, takes on the responsibility of protecting its employees and its assets, ensuring the adoption of appropriate measures to achieve that goal” in Security policy.</i></p> <p>See more information about this topic on Galp’s website – Security: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-the-environment-and-assets/safety/security</p>	-	✓	-	-
103-3	Evaluation of the management approach	<ul style="list-style-type: none"> • R&A 2017: 4.3. Managing value with lower impact. <p>Galp carries out the measuring and monitoring of the indicators associated with this topic, reporting them in the R&A 2017, in the sustainability channel or in this document. This information is communicated every year in the context of the external reporting of Galp’s non-financial information. Additionally, the information is independently audited by an external entity (see Disclosure 102-56).</p>	-	✓	-	-
410-1	Percentage of security personnel who was trained in the organisation’s human rights policies or procedures that are relevant to operations	Galp’s security service is essentially contracted to external entities and its alignment with the Company’s principles in terms of human rights is ensured through its Purchasing Policy.	-	✓	Principle 1	16
Topic: Rights of indigenous people						
411-1	Total number of indigenous and traditional peoples’ rights violation cases and measures taken in this regard	No cases were identified in 2017.	-	✓	Principle 1	2
OG9	Operations where indigenous communities are present or are affected by the company’s activities and specific ongoing strategies	<p>No such situations occurred in 2017.</p> <p>In addition to the guide for the ESIA for the E&P area, published in 2014, where the impacts on indigenous peoples are identified, along with the identification of alternatives, among others, Galp approved internally a cross-cutting standard to incorporate environmental, social, health and safety requirements throughout the projects’ whole life cycle, so that the human rights topic and the protection of</p>	-	✓	-	-

		<p>indigenous peoples are ensured in the development of each stage of the activity (e.g. Due Diligence for human rights).</p> <ul style="list-style-type: none"> See more information about this topic on Galp's website – Impact assessment and management: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-the-environment-and-assets/environmental-protection/impact-assessment-and-management 				
Topic: Human rights assessment (412)						
412-1	Operations subject to human rights analyses or assessments of human rights-related impacts	<ul style="list-style-type: none"> R&A 2017: 4.4 We use our Energy to create more energy. <p>In 2017, Galp promoted a human rights assessment in the locations where it operates, defining a risk profile matrix for each country that will be taken into account for the purpose of engaging with local partners during the projects' life cycle. Galp will publish more information on this subject in future reports.</p> <p>Our involvement in the communities requires a policy of respect and promotion of human rights, which we encourage our partners and suppliers to adhere to. This commitment is reflected in the Code of Ethics and Conduct and the Human Rights Policy, accessible on our website, ensuring the defence and promotion of human rights in all the locations where we operate, and promoting the continuous improvement of the instruments that support its application.</p> <ul style="list-style-type: none"> See more information about this topic on Galp's website – Human Rights: https://www.galp.com/corp/en/corporate-governance/ethics-and-conduct/human-rights 	-	✓	Principle 1	-
412-2	Training in human rights procedures and policies	<p>There was no training of this nature in 2017.</p> <ul style="list-style-type: none"> See more information about this topic on Galp's website – Human Rights: https://www.galp.com/corp/en/corporate-governance/ethics-and-conduct/human-rights 	-	✓	Principle 1	-
412-3	Total number and percentage of significant investment agreements and contracts that include human rights clauses or that have been subject to human rights-related assessment	<p>In keeping with the commitment made in the past, we have added a binding standard clause for the counterparts, namely partners, suppliers or others, to the provisions of Galp group's Code of Ethics and Conduct in all its contract templates, in which the safeguarding of human rights is referred.</p> <p>Throughout our purchasing process, from selecting to the formalisation of the contract, the principles by which we are governed are incorporated: Ethics and transparency; Respect for human rights; Protection of people, the environment and assets. This approach is implemented through procedures and a series of norms and reference documents that our current and future partners must know, namely: Purchasing policy; Code of ethics; Anti-corruption policy; Health, safety and environmental policy; Quality policy; Corporate responsibility policy.</p> <ul style="list-style-type: none"> See more information about this topic on Galp's website – Involvement with suppliers and partners: https://www.galp.com/corp/en/sustainability/our-commitments/engaging-stakeholders/engaging-with-suppliers-and-partners 	-	✓	Principle 2	-

Topic: Local communities (413)						
413-1	Operations with implemented programmes of local community involvement, impact assessment and local development	<ul style="list-style-type: none"> • R&A 2017: 4.4 We use our Energy to create more energy (We promote access to energy and education; We involve the community; We measure the impact of what we do). <p>The communities and the environment that surround our operations in the 11 countries where we operate are of the utmost importance. We take on an influential role in local sustainable development, promoting the well-being of the population through social projects aimed at providing access to energy and education. We promote the socioeconomic development of the surrounding communities, creating a relationship of trust and permanent dialogue. This is how we build the success of our operations, minimising risk and sharing value. These principles are enshrined in our Corporate Social Responsibility Policy, available on the website.</p> <ul style="list-style-type: none"> • See more information on Galp's website – Social responsibility: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/social-responsability 	-	✓	Principle 1	-
413-2	Operations with real and potential significant negative impacts on local communities	<p>At Galp we published a guide for the EIAS for the E&P area, in 2014, where we adequately address the identification and mitigation of possible negative impacts, covering subjects such as stakeholder involvement, identification of secondary and cumulative impacts, identification of alternatives, among others.</p> <p>During 2017, Galp conducted a seismic operation in São Tomé and Príncipe. In this operation an EIAS was performed, and no negative environmental or social impacts were identified. All impacts identified were categorised as minor or negligible. For minor impacts, mitigation measures were identified.</p> <ul style="list-style-type: none"> • Check the EIAS: https://www.galp.com/corp/Portals/0/Recursos/Sustentabilidade/SharedResources/Documents/GALP_Block_6_NT_ESHIA_EN.PDF 	-	✓	Principle 1	1; 2
OG10	Number and description of significant conflicts with local communities and indigenous peoples	There was no record of this type of situation in 2017.	-	✓	-	-
OG11	Number of facilities that have been dismantled and/or are being dismantled	<p>We did not record any decommissioning situation in 2016.</p> <p>Note: The end of the drilling activities is not considered as decommissioning since these activities usually only last between 20 to 45 days and the removal of the equipment and the cleaning of the area are considered to be stages of the activity.</p> <p>At Galp we have a procedural norm – NPG-038 –, which establishes the minimum HSE requirements to be applied in the processes of decommissioning establishments/facilities of the Group's universe, proposing deactivation plans structures and content to be developed by the business/management units and Group companies, adaptable to the features and associated risk of the establishments/facilities.</p>	-	✓	-	-

Material topic: Supplier social assessment (414)*					
103-1	Explanation of the material topic	<ul style="list-style-type: none"> • R&A 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>The identification of Galp's material topics was based on the work described in Disclosure 102-47. The topic "Supplier assessment in labour practices" is related to the topic "Sustainable value chain management", considered to be a material topic (see materiality matrix in R&A 2017 - 1.5. Addressing materiality). The impacts may occur both in operations and in the value chain.</p>	-	✓	-
103-2	Management approach and its components	<p>At Galp, we are constantly concerned with the performance of our suppliers, service providers and other business partners. We want their performance to comply with the requirements that we apply to our operations and activities. We demand that business practices comply with the contractual conditions we establish in the various components of sustainability.</p> <p>Throughout our purchasing process, from selecting to the formalisation of the contract, the principles by which we are governed are incorporated: Ethics and transparency; Respect for human rights; Protection of people, the environment and assets. This approach is implemented through procedures and a series of norms and reference documents that our current and future partners must know, namely: Purchasing policy; Code of ethics; Anti-corruption policy; Health, safety and environmental policy; Quality policy; Corporate responsibility policy.</p> <ul style="list-style-type: none"> • See more information about Supply chain risk management, Certifications, Supplier audits and the criteria for selecting suppliers to be audited on Galp's website – Sustainable supply chain management: https://www.galp.com/corp/en/sustainability/our-commitments/engaging-stakeholders/engaging-with-suppliers-and-partners 	-	✓	-
103-3	Evaluation of the management approach	<ul style="list-style-type: none"> • R&A 2017: 4.3. Managing value with lower impact. <p>Galp carries out the measuring and monitoring of the indicators associated with this topic, reporting them in the R&A 2017, in the sustainability channel or in this document. This information is communicated every year in the context of the external reporting of Galp's non-financial information. Additionally, the information is independently audited by an external entity (see Disclosure 102-56).</p>	-	✓	-
414-1	Percentage of new suppliers selected on the basis of labour practices criteria	<p>All new Galp's suppliers are assessed based on social criteria.</p> <p>See indicator GRI 308-1.</p>	-	✓	5; 8; 16
414-2	Real and potential significant negative impacts on labour practices in the suppliers chain and measures taken in this regard	<p>The number of tier 1 suppliers (critical and non-critical), where a high level of social sustainability risk was identified is 24.</p> <ul style="list-style-type: none"> • See more information on Galp's website – Sustainable supply chain management: https://www.galp.com/corp/en/sustainability/our-commitments/engaging-stakeholders/engaging-with-suppliers-and-partners 	-	✓	5; 8; 16

Topic: Involuntary Displacement						
OG12	Operations where relocation occurred and number of relocated families and a description of how their lifestyles were affected in the process	Galp had no record of this type of situation in 2017.	-	✓	-	-
Material topic: Asset integrity and process safety						
103-1	Explanation of the material topic	<ul style="list-style-type: none"> R&A 2017: 1.4. Value creation model; 4.2. Because people are our best energy; 1.5. Addressing materiality. <p>The identification of Galp's material topics was based on the work described in Disclosure 102-47. The topic "Asset integrity and process safety" is related to the topic "Health, Safety and the Environment", considered to be a material topic (see materiality matrix in R&A 2017 - 1.5. Addressing materiality). The impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Management approach and its components	<ul style="list-style-type: none"> R&A 2017: 4.3. Managing value with lower impact. <p>The best safety practices are a priority for our Organisation. Day by day, we seek to protect our employees, those who work with us, the community and the environment. We act according to the best <u>safety</u> practices, protecting our employees and all those who work with us, the community and the environment. Safety is a priority in all our projects and thus we seek to have it present in our daily lives and reflected in the behaviours, attitudes and decisions of all those who are part of our Organisation.</p> <p>We set Safety performance objectives throughout the different levels of the Organisation, as a stimulus to their integration, as a priority in the day-to-day activities and as a condition for the company's sustainability goals.</p> <p>The visible commitment of each and every person who is part of the Organisation is an indispensable condition (HSE Operational Management System, Management Commitment – Element 01). The management's commitment and the hierarchical line's responsibility are explicitly expressed in our HSE Policy and our HSE Operational Management System, safeguarding the integration of health and safety into the strategy and the decisions we make every day in our Company.</p> <p><u>Process safety</u> is at the heart of accident prevention. We ensure a proactive action, based on the analysis and prevention of the activity's risks.</p> <p>We monitor and analyse the process safety events that occurred at our downstream and upstream facilities.</p> <p>Our aim is to continue to improve our performance with regard to process safety, having the CONCAWE benchmark as a reference.</p>	-	✓	-	-

		<ul style="list-style-type: none"> See more information about this topic on Galp's website – Process safety: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-the-environment-and-assets/safety/process-safety 				
103-3	Evaluation of the management approach	<ul style="list-style-type: none"> R&A 2017: 4.3. Managing value with lower impact. <p>Galp carries out the measuring and monitoring of the indicators associated with this topic, reporting them in the R&A 2017, in the sustainability channel or in this document. This information is communicated every year in the context of the external reporting of Galp's non-financial information. Additionally, the information is independently audited by an external entity (see Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and make this Policy known to the stakeholders and to communicate in a responsible and transparent manner its performance at HSE level.</p>	-	✓	-	-
OG13	Number of security events in the process, per activity type	<p>Process safety events - Tier 1 = 5 Process safety events rate - Tier 1= 0.23 Process safety events - Tier 2= 10 Process safety events rate - Tier 2= 0.47 Process safety events - Tier 3= 32</p> <p>Tier 1 is a primary containment loss of major consequences: unplanned release of any material, including non-toxic and non-flammable materials, from a process that results in a very serious consequence.</p> <p>Tier 2 is a primary containment loss of minor consequences: unplanned release of any material, including non-toxic and non-flammable materials, which results in a consequence.</p>	-	✓	-	-
Material topic: Customer health and safety (416)*						
103-1	Explanation of the material topic	<ul style="list-style-type: none"> R&A 2017: 1.4. Value creation model; 4.2. Because people are our best energy; 1.5. Addressing materiality. <p>The identification of Galp's material topics was based on the work described in Disclosure 102-47. The topic "Customer health and safety" is related to the topic "Health, Safety and the Environment", considered to be a material topic (see materiality matrix in R&A 2017 - 1.5. Addressing materiality). The impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Management approach and its components	<ul style="list-style-type: none"> R&A 2017: 4.3. Managing value with lower impact. <p>The best safety practices are a priority for our Organisation. Day by day, we seek to protect our employees, those who work with us, the community and the environment. We act according to the best <u>safety</u> practices, protecting our employees and all those who work with us, the community and the environment. Safety is a priority in all our projects and thus we seek to have it present in our daily lives and</p>	-	✓	-	-

		<p>reflected in the behaviours, attitudes and decisions of all those who are part of our Organisation.</p> <p>We set Safety performance objectives throughout the different levels of the Organisation, as a stimulus to their integration, as a priority in the day-to-day activities and as a condition for the company's sustainability goals.</p> <p>The visible commitment of each and every person who is part of the Organisation is an indispensable condition (HSE Operational Management System, Management Commitment – Element 01). The management's commitment and the hierarchical line's responsibility are explicitly expressed in our HSE Policy and our HSE Operational Management System, safeguarding the integration of health and safety into the strategy and the decisions we make every day in our Company.</p> <p>We are committed to continually improving the safety management of the chemical and oil products we supply and handle at our facilities, throughout their life cycles, respecting people and the environment. We work towards ensuring that the product purchasing processes enable us to have the security information on the products purchased, in compliance with the applicable regulations.</p> <p>See more information about this topic on Galp's website – Product safety: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/safety/product-safety</p>				
103-3	Evaluation of the management approach	<ul style="list-style-type: none"> • R&A 2017: 4.3. Managing value with lower impact. <p>Galp carries out the measuring and monitoring of the indicators associated with this topic, reporting them in the R&A 2017, in the sustainability channel or in this document. This information is communicated every year in the context of the external reporting of Galp's non-financial information. Additionally, the information is independently audited by an external entity (see Disclosure 102-56).</p> <p>Through its HSE Policy, Galp undertakes to inform and make this Policy known to the stakeholders and to communicate in a responsible and transparent manner its performance at HSE level.</p>	-	✓	-	-
416-1	Evaluation of products and services that are significant in terms of their impact on health and safety.	<p>We constantly manage the safety information regarding the products we produce, use and market, taking into account their hazards and the safe way of handling them.</p> <p>The dialogue with customers and suppliers is carried out systematically in order to promote the exchange of information about the products' hazards and the risk management measures to be applied according to their uses.</p> <p>Our employees and service providers are informed about the hazards of the products on our premises and the way to handle them safely.</p> <p>We use Safety Data Sheets and packaging labeling as the preferred vehicle for communicating safety information relating to the products we market, highlighting the hazards they present and the safest way of handling them.</p>	-	✓	-	-

		<ul style="list-style-type: none"> See more information about this topic on Galp's website – Product safety: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/safety/product-safety 				
416-2	Total number of non-conformities with regulations and voluntary codes related to impacts on health and safety caused by products and services	In 2017 there were no non-conformities related to regulations and voluntary codes associated with impacts on health and safety caused by products, nor final judgements on legal actions for non-compliance with laws and regulations regarding the impacts of products and services on consumer health and safety.	-	✓	-	16
Topic: Marketing and labelling (417)						
417-1	Information on products and services related to the labelling information of products and services	<p>You can see all the information about products and services on:</p> <ul style="list-style-type: none"> Galp's website – Product safety: https://www.galp.com/corp/en/sustainability/our-commitments/protection-of-people-environment-assets/safety/product-safety Galp's website – Product quality: https://www.galp.com/corp/en/sustainability/our-commitments/engagement-with-stakeholders/involvement-with-clients/quality/product-quality 	-	✓	-	12; 16.
417-2	Non-conformities regarding the labelling information of products and services.	In 2017 there were neither cases nor final judgements on legal actions for non-compliance with laws and regulations regarding the labelling information of products and services.	-	✓	-	16
417-3	Non-conformities regarding marketing communications	In 2017 there were neither cases nor final judgements on legal actions for non-compliance with laws and regulations regarding marketing and advertising, including adverts, promotions and sponsorships.	-	✓	-	-
Topic: Customer privacy (418)						
418-1	Complaints regarding violation of privacy and loss of customer data	<p>At Galp we have no record of violation of the privacy of our customers in 2017. Guided by our Privacy Policy, we respect the privacy of our customers and protect the personal information transmitted to them. Whenever personal information is required from users and data owners, for the purpose of providing services, the use of such information is described in accordance with the terms of the said document and in compliance with data protection legislation.</p> <p><i>"At Galp we give particular importance to the protection of our customers' data. We undertake to ensure that our customer's personal data is not transmitted without their consent, except when such consent is not legally required or the transmission of the same is a consequence of compliance with applicable law."</i> In Code of Ethics and Conduct.</p>	-	✓	-	-
Material topic: Socioeconomic compliance (419)*						

103-1	Explanation of the material topic	<ul style="list-style-type: none"> • R&A 2017: 1.4. Value creation model; 4.3. Managing value with lower impact; 1.5. Addressing materiality. <p>The identification of Galp's material topics was based on the work described in Disclosure 102-47. The topic "Socioeconomic compliance" is related to the topics "Corporate governance" and "Ethics, transparency and compliance", considered to be material topics (see materiality matrix in R&A 2017 - 1.5. Addressing materiality). The impacts may occur both in operations and in the value chain.</p>	-	✓	-	-
103-2	Management approach and its components	<ul style="list-style-type: none"> • R&A 2017: 6. Corporate Governance – Part III – Number 51. <p>Galp's Legal Affairs and Governance Division monitors the internal control system by conducting internal investigations, audits or risk assessments on ethics and compliance matters such as bribery and corruption, money laundering and terrorist financing, fraud, conflicts of interest, political, economic and financial sanctions and other restrictive measures, compliance with financial and market regulations, as well as conducting ethics and compliance due diligence to relevant partners and transactions; evaluates the performance of the ethics and compliance function in Galp's various business units and develops special projects to ensure Galp's compliance with ethics and regulatory compliance matters. On the other hand, the Legal Affairs and Governance Division defines controls on matters of ethics and compliance.</p>	-	✓	-	-
103-3	Evaluation of the management approach	Galp carries out the measuring and monitoring of the indicators associated with this topic, reporting them in the R&A 2017, in the sustainability channel or in this document. This information is communicated every year in the context of the external reporting of Galp's non-financial information. Additionally, the information is independently audited by an external entity (see Disclosure 102-56).	-	✓	-	-
419-1	Non-conformities with laws and regulations in the socioeconomic area	In 2017 there were no final judgements on legal actions or monetary amounts of fines and penalties paid neither in respect of non-compliance with socioeconomic laws and regulations nor with compliance with the supply and use of products.	-	✓	-	16

ANNEX HR

GRI 102-8: Employee Information.

		2017	
102-8	Characterisation.	Total Employees	6,389
		Male	3,732
		Female	2,657
		Age Distribution	6,389
		<30 years	611
		30-50 years	4,73
		>50 years	1,505
		Distribution per business segment	6,389
		E&P	240
		G&P	157
		R&M	5,406
		Others	586
		Total Employees per type of contract	6,389
		Fixed-term contract	410
		Gestes	321
		Non-gestes	89
		Indefinite duration contract	331
		Gestes	254
		Non-gestes	77
		Permanent contract	5,648
		Gestes	2,387
		Non-gestes	3,261
		Total Employees	6,389
Part-time	106		

	Male	37
	Female	69
	Full-time	6,283
	Male	3,695
	Female	2,588
	Total Employees by region and gender	6,389
	Spain	2,220
	Male	994
	Female	1,226
	Brazil	75
	Male	48
	Female	27
	Portugal	3,528
	Male	2,238
	Female	1,290
	Africa	558
	Male	446
	Female	112
	Rest of the world	8
	Male	6
	Female	2
Average seniority in service.	Average seniority in service	1,258
	Female	1,169
	Male	1,322
Average permanent employee.	Average permanent employee	6,471
	Female	2,679
	Male	3,791

GRI 401-1: Total number and rates of new hires of employees and employee turnover by age group, gender and region.

		2017	
401-1	Total number and rates of new hires of employees and employee turnover by age group, gender and region.	Entries with Gestes	509
		<30 years	248
		Female	120
		Africa	7
		Brazil	2
		Spain	47
		Portugal	64
		Male	128
		Africa	8
		Brazil	2
		Spain	35
		Portugal	83
		30-50 years	223
		Female	112
		Africa	2
		Brazil	6
		Spain	67
		Portugal	37
		Male	111
		Africa	14
		Brazil	1
Spain	54		
Portugal	42		
>50 years	38		
Female	16		

Africa	0
Brazil	0
Spain	11
Portugal	5
Male	22
Africa	2
Brazil	0
Spain	13
Portugal	7
Other countries	0
Entries without Gestes	160
<30 years	80
Female	36
Africa	4
Brazil	2
Spain	1
Portugal	29
Male	44
Africa	6
Brazil	2
Spain	3
Portugal	33
30-50 years	73
Female	28
Africa	2
Brazil	6
Spain	2

Portugal	18
Male	45
Africa	14
Brazil	1
Spain	5
Portugal	25
>50 years	7
Female	1
Africa	0
Brazil	0
Spain	0
Portugal	1
Male	6
Africa	0
Brazil	0
Spain	1
Portugal	5
Other countries	0
New hires rate (with gestes)	7.87%
<30 years	42%
Female	46%
Africa	54%
Brazil	100%
Spain	49%
Portugal	43%
Male	39%
Africa	27%

Brazil	33%
Spain	45%
Portugal	38%
30-50 years	5%
Female	6%
Africa	2%
Brazil	29%
Spain	7%
Portugal	4%
Male	4%
Africa	5%
Brazil	3%
Spain	8%
Portugal	3%
>50 years	2%
Female	3%
Africa	0%
Brazil	0%
Spain	5%
Portugal	2%
Male	2%
Africa	1%
Brazil	0%
Spain	4%
Portugal	1%
Other countries	0%
Departures with Gestes	605

<30 years	142
Female	57
Africa	6
Brazil	0
Spain	21
Portugal	30
Male	85
Africa	16
Brazil	3
Spain	24
Portugal	42
30-50 years	321
Female	159
Africa	20
Brazil	0
Spain	89
Portugal	49
Other countries	1
Male	162
Africa	37
Brazil	0
Spain	61
Portugal	64
>50 years	142
Female	39
Africa	5
Brazil	1

Spain	14
Portugal	18
Other countries	1
Male	103
Africa	13
Brazil	0
Spain	31
Portugal	59
Departures without Gestes	216
<30 years	22
Female	6
Africa	0
Brazil	0
Spain	1
Portugal	5
Male	16
Africa	1
Brazil	3
Spain	2
Portugal	10
30-50 years	107
Female	51
Africa	4
Brazil	0
Spain	22
Portugal	24
Other countries	1

Male	56
Africa	16
Brazil	0
Spain	17
Portugal	23
>50 years	87
Female	24
Africa	5
Brazil	1
Spain	3
Portugal	14
Other countries	1
Male	63
Africa	12
Brazil	0
Spain	8
Portugal	43
Turnover rate	2.36%
Region	
Africa	1.91%
Brazil	5.41%
Spain	1.89%
Portugal	2.66%
Other countries	14.29%
Gender	2.36%
Male	2.31%
Female	2.40%

<30 years	9%
Africa	5%
Brazil	43%
Spain	9%
Portugal	10%
30-50 years	2%
Africa	2%
Brazil	0%
Spain	2%
Portugal	2%
Other countries	33%
>50 years	1%
Africa	0%
Brazil	10%
Spain	1%
Portugal	0%
Turnover rate – Galp figure	9%

GRI 403-2: Types and rates of injuries, occupational diseases, days lost, absenteeism and number of work-related fatalities, broken down by region and gender.

		2017	
403-2	Types and rates of injuries, occupational diseases, days lost, absenteeism and number of work-related fatalities, broken down by region and gender.	Lost-time injuries (excludes itinere) – GALP EMPLOYEES	13
		Female	3
		Male	10
		Geography	13
		South America	0
		Africa	0
		Europe	13
		Business Segment	13
		E&P	0
		R&M	13
		G&P	0
		Others	0
		Lost-time injuries (excludes itinere) – CONTRACTORS	4
		Female	0
		Male	4
		Geography	4
		South America	0
		Africa	1
		Europe	3
		Business Segment	4

E&P	0
R&M	4
G&P	0
Others	0
Lost-time injuries (excludes itinere) - Total	17
Female	3
Male	14
Geography	17
South America	0
Africa	1
Europe	16
Business Segment	17
E&P	0
R&M	17
G&P	0
Others	0
Fatalities	0
Female	0
Male	0
Hours worked – GALP EMPLOYEES	11,827,689
Female	4,496,120
Male	7,331,569
Geography	11,827,689
South America	445,721
Africa	1,139,518

Europe	10,242,450
Business Segment	11,827,689
E&P	445,721
R&M	10,249,658
G&P	281,435
Others	850,874
Hours worked – CONTRACTORS	9,592,919
Female	1,237,828
Male	8,355,091
Geography	9,592,919
South America	136,268
Africa	632,615
Europe	8,824,037
Business Segment	9,592,919
E&P	136,268
R&M	7,433,414
G&P	1,539,616
Others	483,621
Hours worked – Total (GALP+C)	21,420,609
Female	5,733,949
Male	15,686,660
Geography	21,420,609
South America	581,989
Africa	1,772,132
Europe	19,066,487

Business Segment	21,420,609
E&P	581,989
R&M	17,683,073
G&P	1,821,051
Others	1,334,496
LTIF – LOST-TIME INJURIES FREQUENCY	
LTIF – GALP EMPLOYEES	1.1
Female	0.7
Male	1.4
Geography	1.1
South America	0.0
Africa	0.0
Europe	1.3
Business Segment	1.1
E&P	0.0
R&M	1.3
G&P	0.0
Others	0.0
LTIF – CONTRACTORS	0.4
Female	0.0
Male	0.5
Geography	0.4
South America	0.0
Africa	1.6
Europe	0.3

Business Segment	0.4
E&P	0.0
R&M	0.5
G&P	0.0
Others	0.0
TOTAL LTIF (GALP+C)	0.8
Female	0.5
Male	0.9
Geography	0.8
South America	0.0
Africa	0.6
Europe	0.8
Business Segment	0.8
E&P	0.0
R&M	1.0
G&P	0.0
Others	0.0
TRIR – TOTAL RECORDABLE INJURIES RATE	
TRIR – GALP EMPLOYEES	2.3
Female	2.4
Male	2.2
TRIR – CONTRACTORS	1.0
Female	0.0
Male	1.2

TRIR - TOTAL (GALP+C)	1.7
Female	1.9
Male	1.7
PSE	
No. PSE TIER 1	5
No. PSE TIER 2	10
No. PSE TIER 3	32
PSER TIER 1 (Process Security Events Rate)	0.233
PSER TIER 2 (Process Security Events Rate)	0.467
Incidents per classes	422
Class 0	123
Class 1	217
Class 2	47
Class 3	34
Class 4	1
Occupational diseases	0
Female	0
Male	0
Absence days – absenteeism	72,906
Male	31,750
Africa	1,633
Brazil	11
Spain	13,710
Portugal	16,396
Female	41,156
Africa	901

Brazil	69
Spain	24,496
Portugal	15,690
Absenteeism rate	
Africa	1.81%
Brazil	0.45%
Spain	6.94%
Portugal	3.75%
Male	3.46%
Africa	1.2%
Brazil	0.1%
Spain	4.9%
Portugal	2.3%
Female	6.35%
Africa	3.2%
Brazil	1.1%
Spain	8.1%
Portugal	5.0%
Absenteeism rate – Galp figure	4.66%

GRI 404-1: Other training indicators.

		2017	
404-1	Other training indicators.	Total investment in training (€)	3,068,784
		Total investment in training/Employee (€/employee)	474.2
		Training per area (hours)	185,729
		Training per area (%)	100%
		Technical (hours)	74,313
		Technical (%)	40.01%
		Behavioural and leadership (hours)	35,878
		Behavioural and leadership (%)	19.32%
		HR (hours)	17,382
		HR (%)	9.36%
		Languages (hours)	16,632
		Languages (%)	8.96%
		EQS (hours)	15,874
		EQS (%)	8.55%
		General management (hours)	11,124
		General management (%)	5.99%
		Accounting and finance (hours)	6,081
		Accounting and finance (%)	3.27%
Commercial marketing management (hours)	3,419		
Commercial marketing management (%)	1.84%		
IT Systems (hours)	3,356		
IT Systems (%)	1.81%		

	Legal (hours)	1,043
	Legal (%)	0.56%
	Provision & Logistics (hours)	479
	Provision & Logistics (%)	0.26%
	Administrative and secretarial (hours)	151
	Administrative and secretarial (%)	0.08%

GRI 405-1: Composition of the groups responsible for governance and break down of employees by functional category, according to gender, age group, minorities and other diversity indicators.

		2017	
405-1	Composition of the groups responsible for governance and break down of employees by functional category, according to gender, age group, minorities and other diversity indicators.	Executive/Top Management	53
		Male	47
		Female	6
		<30 years	0
		30-50 years	22
		>50 years	31
		Portuguese	42
		Other Nationalities	11
		Middle/General Management	426
		Male	265

Female	161
<30 years	1
30-50 years	275
>50 years	150
Portuguese	347
Other Nationalities	79
First Line Management/Supervisor	190
Male	145
Female	45
<30 years	0
30-50 years	93
>50 years	97
Portuguese	160
Other Nationalities	30
Specialists	1,674
Male	1,028
Female	646
<30 years	175
30-50 years	1,115
>50 years	384
Portuguese	1,104
Other Nationalities	570
Others	4,046
Male	2,247
Female	1,799
<30 years	435
30-50 years	2,768

	>50 years	843
	Portuguese	1,842
	Other Nationalities	2,204

		2017	
405-1	Diversity of nationalities.	Brazilian	73
		Cape Verdean	295
		Spanish	2,079
		Gambian	0
		Guinean	113
		Mozambican	115
		Portuguese	3,495
		Others	219
		Total no. of nationalities	49
405-1	Disability above 60%.	Total	81
		Female	27
		Male	54