



## Total – IPIECA / API / IOGP Sustainability Reporting Guidance index – 2017-2018

IPIECA/API/IOGP indicator (2015 edition)		Source of information (page number or link)	Reporting element				
Name	Description		Common	Supplemental	Other		
<b>Environmental indicators</b>							
<b>Issue</b>	<b>Climate Change and Energy</b>	<b><u>web – SP, Climate</u></b>					
<b>E1</b>	Greenhouse gas emissions	<a href="#">Total's 2017 Registration document, section 5.2.3.4 - Energy efficiency and eco-performance, p. 187</a> <a href="#">Climate Change Report 2017, p. 23, 27 and 48</a> <a href="#">Total's response to CDP Climate Change, p. 37-50</a> <a href="#">web – SP, Climate indicators</a>			×	×	×

IPIECA/API/IOGP indicator (2015 edition)		Source of information (page number or link)	Reporting element		
Name	Description		Common	Supplemental	Other
E2	Energy use	<p><a href="#">Total's 2017 Registration document, section 5.2.3.4, – Energy efficiency and eco-performance, p. 187</a>  <a href="#">Climate Change Report 2017, p. 38</a>  <a href="#">Total's response to CDP Climate Change, p. 42-43, p. 48</a>  <a href="#">web – Climate indicators</a></p> <p><i>In the response to the CDP (question CC11.2), the answers are provided in MWh. Here is the conversion into gigajoules (GJ) for the different types of energy sources:</i></p> <p><i>Heat : 6,400,000 MWh or 23,040,000 GJ.</i>  <i>Steam : 3,000,000 MWh or 10,800,000 GJ.</i></p>	×	×	×
E3	Alternative energy sources	<p><a href="#">Total's 2017 Registration document, section 5.2.3.3 – Developing renewable energies, p. 187</a>  <a href="#">Climate Change Report 2017, p. 32-37</a>  <a href="#">web – SP, Climate indicators (Developing Renewable Energies)</a></p>	×	×	×

IPIECA/API/IOGP indicator (2015 edition)		Source of information (page number or link)	Reporting element		
Name	Description		Common	Supplemental	Other
E4	Flared gas	<p><a href="#">Total's 2017 Registration document, section 5.2.3.4, – Energy efficiency and eco-performance, p. 187-188</a></p> <p><a href="#">Climate Change Report 2017, p. 23, 27 and 48</a></p> <p><a href="#">Total's response to CDP Climate Change, p. 13-15</a></p> <p><a href="#">web – Climate indicators (Flaring)</a></p> <p><i>In November 2014, Total also announced that it was joining the World Bank's planned Zero Routine Flaring by 2030 Initiative as well as the Climate and Clean Air Coalition, which works to more effectively measure, manage and mitigate methane emissions. In order to limit natural gas' impacts on GHG emissions, Total announced in November 2017, alongside seven other companies, its commitment to reduce methane emissions in the natural gas industry.</i></p>	×		×
Issue	Biodiversity and ecosystem services	<p><a href="#">Total's 2017 Registration document, Section 5.2.2 – Environmental Protection, p. 180-185</a></p>			
E5	Biodiversity and ecosystem services	<p><a href="#">web – SP, Environment</a></p> <p><a href="#">web - Total, Biodiversity: providing an adapted response for each natural environment</a></p> <p><a href="#">web – SP, Safety Health Environment Quality charter</a></p> <p><i>Identification of sensitive biodiversity areas are achieved through an internal GIS (Geographical Information System) tool using UNEP-WCMC biodiversity. Habitat protection and restoration form part of the standard biodiversity management procedures as per the Group Biodiversity Policy requirement.</i></p> <p><i>In July 2018, Total reaffirmed its biodiversity commitments by signing, along other French companies, the Act4Nature initiative led by EpE (Entreprises pour l'Environnement). In addition to the global commitments taken by the group of companies, Total disclosed its individual commitments. These can be found on the biodiversity brochure available <a href="#">here</a>.</i></p>	×	×	None

IPIECA/API/IOGP indicator (2015 edition)		Source of information (page number or link)	Reporting element		
Name	Description		Common	Supplemental	Other
<b>Issue</b>	<b>Water</b>	<a href="#">Total's 2017 Registration document, section 5.2.2.3 - Environmental footprint, p. 182, section 5.2.2.4 - Sustainable use of resources, p. 184</a> <a href="#">Total's response to CDP Water 2017</a>			
E6	Fresh water	<a href="#">Total's 2017 Registration document, section 5.2.2.3 - Environmental footprint, p. 182, section 5.2.2.4 - Sustainable use of resources, p. 184</a> <a href="#">Total's response to CDP Water 2017 web - Total, Water: preserving a vital resource web – SP, Environmental indicators</a>	X	X	X
E7	Discharges to water	<a href="#">Total's 2017 Registration document, section 5.2.2.3 - Environmental footprint, p. 182, section 5.2.2.4 - Sustainable use of resources, p. 184</a> <a href="#">Total's response to CDP Water 2017 web – Environmental indicators</a>	X		
<b>Issue</b>	<b>Local environment impact</b>	<a href="#">Total's 2017 Registration document, p. 180-185</a>			
E8	Other air emissions	<a href="#">Total's 2017 Registration document, section 5.2.2.3 - Environmental footprint, p. 182</a> <a href="#">Climate Change report 2017, p. 43-44, 48 web – Environmental indicators</a>	X		X
E9	Spills to the environment	<a href="#">web - SP, Environment</a> <a href="#">web - SP, Environmental indicators</a>	X	X	

IPIECA/API/IOGP indicator (2015 edition)		Source of information (page number or link)	Reporting element		
Name	Description		Common	Supplemental	Other
E10	Waste	<a href="#">Total's 2017 Registration document, Waste commitments, p. 25 ; sections 5.2.2.3 - Environmental footprint ; section 5.2.2.4 - Waste prevention and management, p. 182-183</a> <a href="#">web - Total, Waste: developing our approach to the circular economy</a> <a href="#">web – Environmental indicators</a>  <i>The Group commits to reclaim half of its waste and has developed processes that allow up to 50% of recycled plastics (polyethylene and polystyrene) to be incorporated in the production of some polymers.</i>	×	×	×
E11	Decommissioning	<a href="#">Total's 2017 Registration document, section 5.2.2.3, p. 183 (Soil)</a>	×		
<b>Health and safety performance indicators</b>					
Issue	Workforce protection	<a href="#">Total's Code of Conduct, pages 8-9</a> <a href="#">web – SP, Safety Health Environment Quality Charter</a> <a href="#">Total's 2017 Registration document - Occupational health and safety, p. 178-179</a>			
HS1	Workforce participation	<a href="#">Total's 2017 Registration document, section 5.2.1 – Occupational health and safety, p. 178-179</a> <a href="#">web - SP, Health &amp; Safety indicators</a>	×		×
HS2	Workforce health	<a href="#">Total's 2017 Registration document, section 5.1.2 – Organization of work, p. 174 ; section 5.2.1 – Occupational health and safety, p. 178-180</a> <a href="#">web - SP, Health &amp; Safety indicators</a>	×	×	×

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Name	Description		Common	Supplemental	Other
HS3	Occupational injury and illness incidents	<a href="#">Total's 2017 Registration document, section 5.2.1 – Occupational health and safety, p. 178-180</a> <a href="#">web - SP, Health &amp; Safety indicators</a>	×	×	×
Issue	Product health, safety and environmental risks	<a href="#">web – SP, Health &amp; Safety</a>			
HS4	Product stewardship	<a href="#">web – SP, Health &amp; Safety</a> <a href="#">web – SP, Environment</a> <a href="#">web – SP, Climate</a>  <i>In addition to compliance to laws and regulations, Total also participates in a number of voluntary life-cycle analysis programs in order to improve the health and safety impacts of our products. This is carried out through professional associations, e.g. CONCAWE, FuelsEurope, OGCI, Plastics Europe and R&amp;D partnerships e.g. Polytechnique Montreal/CIRAIG, SCORE LCA, Imperial College.</i>	×		
Issue	Process safety and Asset integrity	<a href="#">Total's 2017 Registration document, section 5.2.2.2 – Incident risk, p. 181-182</a>			
HS5	Process safety	<a href="#">Total's Code of conduct</a> <a href="#">Total's 2017 Registration document, section 5.2.2.2 – Incident risk, p. 181-182</a> <a href="#">web – SP, Environmental indicators</a> <a href="#">web – SP, Total's golden rules</a> <a href="#">web – SP, Safety Health Environment Quality Charter</a>	×	×	×

IPIECA/API/IOGP indicator (2015 edition)		Source of information (page number or link)	Reporting element		
Name	Description		Name	Description	Other
<b>Social and economic indicators</b>					
<b>Issue</b>	<b>Community and society</b>	<a href="#">web – SP, Value creation</a> <a href="#">web – SP, Value creation for society</a> <a href="#">web – SP, Human Rights</a> <a href="#">web – SP, Business ethics</a>			
<b>SE1</b>	Local community impacts and engagement	<a href="#">Total’s 2017 Registration document, section 5.3.2 - Control of the societal impacts of the Group’s activities, p. 194</a> <a href="#">Total’s 2017 Registration document, section 3.5.2 – Severe impact risk mapping, p. 97-98 ; section 3.5.5.5 – Social impact assessment, p. 101</a> <a href="#">Total’s 2018 Human Rights Briefing Paper 2018 - p. 27-33</a>	X	X	X
<b>SE2</b>	Indigenous Peoples	<a href="#">Total’s 2017 Registration document, section 5.3.2.2 - Handling grievances from local communities, p. 194</a> <a href="#">Total’s 2018 Human Rights Briefing Paper, p. 30</a> <a href="#">web – SP, Policy regarding indigenous peoples</a> <a href="#">web – SP, Human rights guide</a>	X	X	X
<b>SE3</b>	Involuntary resettlement	<a href="#">Total’s 2018 Human Rights Briefing Paper, p. 27-30</a>  <i>There was involuntary resettlement of 610 people during reporting year 2017, all of them in the frame of the TILENGA project in Uganda. In 2017 we developed and submitted for validation to the government the Plan (RAP 1) for compensation and involuntary resettlement concerning the industrial area of the TILENGA Project in Uganda. This study was approved in January 2018 by the Government of Uganda and is available on our website:</i> <a href="http://ug.total.com/en/tilenga-project-rap-1-report">http://ug.total.com/en/tilenga-project-rap-1-report</a>  <i>The implementation of RAP1 (and thus effective compensation and resettlement of affected people, PAPs) started in January 2018 and will continue throughout 2018. In parallel, we are launching the development of RAP2 and RAP4 this year, for the other components of the TILENGA project.</i>	X	X	X

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Name	Description		Name	Description	Other
SE4	Social investment	<a href="#">Total's 2017 Registration document, section 5.3.3 – Acting as a partner in the socio-economic development of the territories where the Group is present, p. 195-198</a> <a href="#">Total's 2017 Registration document, section 1.3.4.3 – A local socio-economic development partner, p. 14</a>	X	X	X
Issue	Local content	<a href="#">Total's 2017 Registration document – Dialogue and involvement of local stakeholders, p. 193-194</a>			
SE5	Local content practices	<a href="#">Total's 2017 Registration document, section 5.3.3.1 - Contributing to the development of local economic activity, p. 195</a> <a href="#">web – SP, Value creation for society</a>	X	X	X
SE6	Local hiring practices	<a href="#">Total's 2017 Registration document, section 5.1.5.2 - Internationalization of management, p. 177</a> <a href="#">Total's 2017 Registration document, sections 5.3.3.1 - Contributing to the development of local economic activity ; section 5.3.3.2 - Contribution to human and social development, p. 195-196</a> <a href="#">web – SP, Social indicators</a>  <i>The Group has set the target of having, in 2020, between 50 and 75% of local managers in the executive committees of the subsidiaries (they were 54% in 2017 as in 2016), (see Registration Document 2017 p. 177).</i>  <i>The proportion of senior management teams hired from the local community in 2017 is 61%, up 9% compared to 2016. Additionally, 2,5% are other non-French national.</i>	X	X	



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Name	Description		Name	Description	Other
SE7	Local procurement and supplier development	<a href="#">Total's 2017 Registration document, section 5.3.3.1 - Contributing to the development of local economic activity, p. 195 ; section 5.3.4.2 - Contractors and suppliers, p. 199</a>  <a href="#">web – SP, Value creation</a>	X	X	X
Issue	Human rights	<a href="#">Total's Code of Conduct</a> <a href="#">Total's 2018 Human Rights Briefing Paper</a> <a href="#">Total's Human Rights Guide</a> <a href="#">web – SP, Human Rights</a> <a href="#">web – SP, Voluntary Principles on Security and Human Rights</a>			
SE8	Human rights due diligence	<a href="#">Total's 2017 Registration document, section 5.3.5.2 - Respect for human rights, p. 202</a> <a href="#">Total's 2018 Human Rights Briefing Paper, p. 22; p. 27-33</a>	X	X	X
SE9	Human rights and suppliers	<a href="#">Total's 2017 Registration document, sections 5.3.4.1 – Monitoring responsible practices among suppliers, p. 199 ; section 5.3.5.2 – Respect for human rights, p. 202-203</a> <a href="#">Total's 2017 Registration document, section 3.5.5.2 – Supplier qualification and auditing, p. 100</a> <a href="#">Total's 2018 Human Rights Briefing Paper, p. 11, p. 13, p. 14, p. 18</a> <a href="#">web – SP, Fundamental Principles of Purchasing</a>	X	X	X
SE10	Security and human rights	<a href="#">Total's 2017 Registration document, section 5.3.5.2 – Respect for human rights, p. 202-203</a> <a href="#">Total's 2018 Human Rights Briefing Paper, p. 33-35</a> <a href="#">Total's 2017 VPSHR report</a>	X	X	X
Issue	Business ethics and transparency	<a href="#">Total's Code of Conduct</a> <a href="#">Total integrity guide</a> <a href="#">web – SP, Business ethics</a>			

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Name	Description		Name	Description	Other
SE11	Preventing corruption	<a href="#">Total's Code of Conduct</a> <a href="#">Total's 2017 Registration document, section 5.3.5.1 - Preventing corruption, p. 201</a> <a href="#">Total's 2018 Human Rights Briefing Paper, p. 37</a> <a href="#">Total integrity guide</a> <a href="#">web – SP, Prevention and fight against corruption leaflet</a>	×	×	×
SE12	Preventing corruption involving business partners	<a href="#">Total's 2017 Registration document, section 5.3.4.1 - Monitoring responsible practices among suppliers, p. 199 ; section 5.3.5.1 - Preventing corruption, p. 201</a> <a href="#">web – SP, Prevention and fight against corruption leaflet</a> <a href="#">Total integrity guide</a>	×		×
SE13	Transparency of payments to host governments	<a href="#">Total's 2017 Registration document, section 9.3 - Report on the payments made to governments, p. 363-376</a> <a href="#">web – SP, Business ethics</a>  <i>Total joined the EITI (Extractive Industries Transparency Initiative) in 2002 to promote transparency in transactions between governments and companies from the extractive industry.</i>	×	×	
SE14	Public advocacy and lobbying	<a href="#">Total's 2017 Registration document, section 5.3.5.1 - Preventing corruption, p. 201</a> <a href="#">Total's Lobbying Ethics Charter</a> <a href="#">Total's Code of Conduct</a> <a href="#">Total's Integrity Guide</a>  <i>Total does not make any political contributions.</i>	×	×	×

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Name	Description		Name	Description	Other
<b>Issue</b>	<b>Labour practices</b>	<a href="#">Total's Code of Conduct web – SP, Our people</a> <a href="#">web - SP, Global Agreement with IndustriAll Global Union</a>			
<b>SE15</b>	Workforce diversity and inclusion	<a href="#">Total's 2017 Registration document, section 5.1.5 –Equal opportunity, p. 176</a> <a href="#">Total's 2017 Registration document, section 1.3.2.2 - Employee diversity, a competitive edge, p. 11</a> <a href="#">Total's Code of Conduct, p. 10-11</a> <a href="#">web - SP, Social indicators</a>	×	×	×
<b>SE16</b>	Workforce engagement	<a href="#">Total's 2017 Registration document, section 5.1.3 - Dialogue with employees, p. 174</a>  <i>Total carries out an internal survey (Total Survey) among its employees to gather their views and expectations with regard to their work situation and perception of the Company, locally and as a Group. The results of the survey conducted in 2017 among 70,000 employees in 124 countries demonstrated that employees have a commitment rate of 78% and that 85% of them are proud to work for Total.</i>	×	×	×

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Name	Description		Name	Description	Other
SE17	Workforce training and development	<p><a href="#">Total's 2017 Registration document, section 5.1.4 – Training, p. 175 web - SP, Social indicators</a></p> <p><i>This information is managed internally through Total's annual Worldwide Human Resources Survey. The number of training days in 2017 was 281,492 (excluding on-the-job training), which represents an average number of 3 days per employee. 76,8% of all Group employees received training in 2017. The breakdown was 39% for managers and 61% for non-managers (i.e. 4.0 days for managers and 2.6 days for non-managers), and 74% for men and 26% for women (i.e. 3.3 days for men and 2.5 days for women).</i></p> <p><i>Total continues to strongly develop the use of remote training (including e-learning): 28,350 e-learners were referenced in 2017, representing more than 292,395 training hours (i.e. 38,473 days) worldwide. Remote training represented 14% of the total training days in 2017.</i></p>	X		None
SE18	Non-retaliation and grievance systems	<p><a href="#">Total's 2017 Registration document, section 5.1.3 – Dialogue with employees, p. 174 ; section 5.3.5.2 – A dedicated organization, p. 202 ; section 3.5.7 – Whistleblowing mechanisms, p. 102</a> <a href="#">Total's Code of Conduct, p. 22</a></p>	X	X	