



OFFSHORE

ENERGY. COMMITTED.



ANNUAL REPORT 2019

5 NON-FINANCIAL DATA

5.3.2 ENVIRONMENT

	Year-to-Year		2019 – Regional Breakdown				
	2019 ¹	2018 (revised)	Brazil	Angola	North America & Caribbean	Asia & Equatorial Guinea	Europe
Number of offshore units (vessels)	12	14	7	3	0	2	0
SBM Offshore Production							
Hydrocarbon Production (tonnes)	53,442,908	53,883,020	40,198,782	10,001,807	-	3,242,318	-
Energy Consumption							
Offshore Energy Consumption	61,368,370	62,044,952	39,640,665	14,896,399	-	6,831,305	-
Onshore Energy Consumption	42,097	40,538	1,593	92	14,589	2,792	23,032
Total Energy Consumption²	61,410,467	62,085,490	39,642,258	14,896,491	14,589	6,834,097	23,032
Offshore Energy consumption per production	1.15	1.15	0.99	1.49	-	2.11	-
Emissions – Offshore							
Carbon dioxide (CO ₂) in tonnes	5,239,388	5,284,570	2,582,114	1,918,037	-	739,238	-
Methane (CH ₄) in tonnes	12,332	12,072	2,751	7,313	-	2,269	-
Nitrous oxide (N ₂ O) in tonnes	311	320	177	94	-	40	-
Emissions – Onshore							
GHG Scope 1 ³	233	194	0	0	0	0	233
GHG Scope 2 (location based) ³	3,429	3,880	61	10	1,942	449	967
GHG Scope 2 (market based)	510		61	10	49	366	24
GHG Scope 3 – Air travel	27,742	17,529	4,225	n.a. ⁴	1,680	798	21,040
Flaring							
Total Gas Flared per production ⁵	11.87	11.45	2.97	39.45	-	37.12	-
Gas Flared on SBM Offshore account per production ⁵	3.95	3.98	2.16	8.53	-	12.01	-
Proportion of Gas Flared on SBM Offshore account	33%	35%	73%	22%	-	32%	-
Other/Air Pollution – Non Greenhouse Gas Emissions							
Carbon monoxide (CO) in tonnes	7,335	7,390	2,818	3,354	-	1,164	-
Nitrogen oxides (NO _x)	7,534	7,824	4,466	2,009	-	1,059	-
Sulphur dioxides (SO ₂)	138	1,485	45	22	-	70	-
Volatile organic compounds (VOCs)	1,315	1,282	267	798	-	250	-
Emissions – (Offshore+Onshore)							
Volume of GHG	5,668,961	5,703,414	2,707,811	2,129,005	1,729	809,120	21,297
Offshore GHG emissions	5,640,476	5,681,811	2,703,525	2,128,995	-	807,956	-
Onshore GHG emissions (market based)	28,486	21,603	4,286	10	1,729	1,164	21,297
Offshore GHG emissions per production ⁶	105.54	105.45	67.25	212.86	-	249.19	-
Discharges							
Quantity of oil in produced water discharges ⁷	5.13	5.33	0.95	9.58	-	43.23	-

1 Excluding Liza Destiny, first oil on December 20, insufficient data

2 GJ = gigajoule, energy from fuel gas and marine gas oil

3 tonnes of CO₂ equivalents

4 Emissions related to flights are reported in the other regions

5 Tonnes of gas flared per thousand tonnes of hydrocarbon production

6 Tonnes of GHG emissions per thousand tonnes of HC production

7 Tonnes of oil discharged to sea per million tonnes of hydrocarbon production

5.3.3 HUMAN RESOURCES

Headcount by Direct Hire and by Contractor

	Total			Ratios
	Grand Total	Direct Hire	Contractor	% of Contractor Employees
Africa	777	629	148	19%
Asia	978	583	395	40%
Europe	1,798	1,546	252	14%
North America	334	294	40	12%
South America	1,643	1,387	256	16%
Grand Total	5,530	4,439	1,091	20%

Headcount by employee contract and employee type

	Permanent Male Employees	Permanent Female Employees	Temporary Male Employees	Temporary Female Employees	Part-Time Male Employees	Part-Time Female Employees	% of Part-Time Employees
Africa	533	91	3	2	0	0	0%
Asia	437	122	16	8	0	0	0%
Europe	1,041	380	77	48	37	69	7%
North America	215	76	3	0	2	2	1%
South America	1,180	175	13	19	0	0	0%
Grand Total	3,406	844	112	77	39	71	2%

Direct Hires New Joiners Headcount

	Total New Hires	
	Total New Hire Headcount	New Hire Ratio
Africa	67	10%
Asia	206	38%
Europe	298	18%
North America	35	10%
South America	259	15%
Grand Total	865	17%

Direct Hires Turnover Headcount

	Total Turnover	
	Total Turnover Headcount	Total Turnover Rate
Africa	41	6%
Asia	73	11%
Europe	127	8%
North America	29	9%
South America	368	21%
Grand Total	638	13%