



2023 ANNUAL REPORT

BM
OFFSHORE



5 ESG INFORMATION

5.3 ESG INDICATORS

5.3.1 HEALTH, SAFETY AND SECURITY

	Year to Year		2023 – By Operating Segment	
	2023	2022	Offshore ¹	Onshore ²
Exposure hours				
Employee ³	16,511,091	19,277,860	8,841,540	7,669,551
Contractor ⁴	50,134,806	33,591,887	6,296,162	43,838,644
Total Exposure hours	66,645,896	52,869,747	15,137,701	51,508,195
Fatalities (work related) ⁵				
Employee	0	0	0	0
Contractor	0	1	0	0
Total Fatalities	0	1	0	0
Fatality Rate (Total)⁶	0	0.004	0.000	0.000
Injuries				
Serious work-related Injury Employee ⁷	0	0	0	0
Serious work-related Injury Contractor ⁸	0	1	0	0
Serious work-related Injury Rate Employee ⁹	0	0	0	0
Serious work-related Injury Rate Contractor ⁹	0	0.006	0	0
Total Serious work-related Injuries¹⁰	0	1	0	0
Serious work-related Injury Rate (Total)	0	0	0.00	0.00
Total Recordable Injury Employee	9	4	9	0
Total Recordable Injury Contractor	17	27	13	4
Total Recordable Injury Rate Employee¹¹	0.11	0.04	0.20	0.00
Total Recordable Injury Rate Contractor¹¹	0.07	0.16	0.41	0.02
Total Recordable Injuries	26		22	4
Total Recordable Injury Frequency Rate (Total)¹¹	0.08	0.12	0.29	0.02
Occupational Illness				
Employee	1	0	1	0
Contractor	5	0	5	0
Total Recordable Occupational Illness Frequency Rate¹²	0.02	0.00	0.08	0.00

1 Offshore includes FPSOs and shore bases data.

2 Onshore includes Yards and Offices data.

3 Direct hires, part-time employees, locally hired agency staff ('direct contractors') in the fabrication sites, offices and offshore workers, i.e. all people working for SBM Offshore.

4 Any person employed by a contractor or contractor's sub-contractor(s) who is directly involved in execution of prescribed work under a contract with SBM Offshore.

5 In November 2023 a fatality happened on FPSO KIKEH. Until the disclosure of this annual report, the incident was still under investigation to define the work or non-work relatedness. As such, the TRIFR results presented in this report do not include this event. Regardless of the outcome of the investigation, interim actions and recommendations were defined and implemented.

6 Fatalities per 200,000 exposure hours.

7 Work-related injury that results in an injury from which the Employee cannot, does not, or is not expected to recover fully to pre-injury health status within 6 months, excluding fatality.

8 Work-related injury that results in an injury from which the Contractor cannot, does not, or is not expected to recover fully to pre-injury health status within 6 months, excluding fatality.

9 High-consequence work-related injuries per 200,000 exposure hours.

10 Total high-consequence work-related injuries per 200,000 exposure hours.

11 Recordable injuries per 200,000 exposure hours.

12 Occupational illnesses per 200,000 exposure hours.

Process Safety

	Year to Year		2023 – By Operating Segment			
	2023	2022	Brazil	Africa	Guyana / North America	Asia
API 754 Classified Materials						
Tier 1 incidents (number)	1	4	0	0	1	0
Tier 2 incidents (number)	5	8	2	1	1	1

5.3.2 ENVIRONMENT

	Year to Year		2023 – Regional Breakdown				
	2023	2022	Brazil	Angola	North America & Caribbean	Asia & Equatorial Guinea	Europe
Number of offshore units (vessels)	15	14	6	3	4	2	
Fleet Production							
Hydrocarbon Production (tonnes)	57,762,768	51,956,883	28,894,992	5,250,770	21,594,240	2,022,767	
Scope 1 Emissions¹							
GHG Scope 1 (tonnes of CO ₂ Eq)	489	537	-	34.19	-	-	454.52
Scope 2 Emissions¹							
GHG Scope 2 (location based) (tonnes of CO ₂ Eq)	1,811	2,039	78	253	419	542	519
GHG Scope 2 (market based) (tonnes of CO ₂ Eq)	1,257	1,351	22	253	419	524	39
Scope 3 Emissions							
Scope 3 – Downstream Leased Assets							
Total Carbon dioxide (CO ₂ in tonnes)	5,332,324	5,276,289	2,249,283	1,242,863	1,284,856	555,322	
Total Methane (CH ₄ in tonnes)	10,414	10,191	2,438.29	4,637.38	2,238.67	1,100.14	
Total Nitrous oxide (N ₂ O in tonnes)	340	337	159	62	84	35	
Total GHG emissions Downstream Leased Assets (tonnes of CO₂ Eq)²	5,715,701	5,652,555	2,360,695	1,389,138	1,370,225	595,643	
Total GHG Emissions per Hydrocarbon Production ³	98.95	108.79	81.7	264.56	65.65	294.47	
<i>Other / Air Pollution – Non Greenhouse Gas Emissions (in tonnes)</i>							
<i>Carbon monoxide (CO in tonnes)</i>	7,300	7,139	2,600.23	2,182.03	1,766.34	751.65	
<i>Nitrogen oxides (NOx in tonnes)</i>	9,006	8,840	4,150.07	1,444.52	2,509.40	901.77	
<i>Sulphur dioxides (SO₂ in tonnes)</i>	164	218	36.17	42.59	68.26	16.72	
<i>Volatile organic compounds (VOCs in tonnes)</i>	1,096	1,071	233.80	506.95	239.52	115.42	
Scope 3 – Purchased Goods & Service⁴	179,822	356,056					
Scope 3 – Business Travel⁵	30,596	22,927	9,472			1,665	19,459
Total GHG Emissions⁴	5,927,865	6,033,426	2,370,188	1,389,425	1,370,645	597,832	19,952
GHG Emissions Intensity (Production)⁶	98.95	108.79	81.70	264.56	65.65	294.47	
GHG Emissions Intensity (Financial)⁷	1,194	1,228					
Flaring							
Total Gas Flared per hydrocarbon production ⁸	9.00	9.71	3.59	47.46	5.19	27.07	
Flaring emissions vs Total Emissions	30%	30%	6%	14%	3%	6%	

1 Due to new information and improved data quality, 2022 values for Scope 1 and Scope 2 have changed.

2 FPSO Liza Unity was sold to ExxonMobil on November 9, 2023. From that date on, its emissions are excluded from Scope 3 – Downstream Leased Assets. Furthermore, this value does not include emissions from the Normand Installer Installation vessel. Details on the impact and follow up are explained in section 5.2.2.

3 Tonnes of CO₂ Eq/1,000 tonnes HC production.

4 Tonnes of CO₂ Eq.

5 Tonnes of CO₂ Eq. Split per region is based on travel agency sources. Due to data aggregation in these sources, some regional data has been consolidated under region 'Europe'.

6 Tonnes of CO₂ Eq/1,000 tonnes of Hydrocarbon.

7 Tonnes of CO₂ Eq/US\$ million revenue.

8 Tonnes/1,000 Tonnes HC Production.