



OFFSHORE

ENERGY. COMMITTED.

ANNUAL REPORT 2021

5.3 NON-FINANCIAL INDICATORS

5.3.1 HEALTH, SAFETY & SECURITY

Health, Safety & Security

	Year to Year		2021 – By Operating Segment	
	2021	2020	Offshore	Onshore
Exposure hours				
Employee ¹	15,657,445	13,964,697	8,503,814	7,153,631
Contractor ²	28,463,290	21,198,552	0	28,463,290
Total Exposure hours	44,120,735	35,163,249	8,503,814	35,616,921
Fatalities (work related)				
Employee	0	0	0	0
Contractor	0	0	0	0
Total Fatalities	0	0	0	0
Fatality Rate (Total)³	0	0	0	0
Injuries				
High-consequence work-related Injury Employee ⁴	0	0	0	0
High-consequence work-related Injury Contractor ⁵	0	0	0	0
High-consequence work-related Injury Rate Employee ⁶	0	0	0	0
High-consequence work-related Injury Rate Contractor ⁶	0	0	0	0
High-consequence Work-related Injury Rate (Total)⁷	0	0	0	0
Total Recordable Injury Employee	9	10	7	0
Total Recordable Injury Contractor	4	7	2	4
Total Recordable Injury Rate Employee⁸	0.11	0.14	0.16	0.00
Total Recordable Injury Rate Contractor⁸	0.03	0.07	0	0.03
Total Recordable Injury Frequency Rate (Total)⁸	0.06	0.10	0.21	0.02
Occupational Illness				
Employee	0	2	0	0
Contractor	0	0	0	0
Total Recordable Occupational Illness Frequency Rate (Employees only)⁹	0	0.03	0	0

1 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 the Company.

2 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.

3 Fatalities per 200,000 exposure hours.

4 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.

5 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.

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

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

8 Recordable injuries per 200,000 exposure hours.

9 Occupational illnesses per 200,000 exposure hours.

Process Safety

	Year to Year		2021 – Regional Breakdown			
	2021	2020	Brazil	Angola	Africa/ North America	Asia
API 754 Classified Materials (by TIER)						
Tier 1 incidents (number)	1	3		1		
Tier 2 incidents (number)	3	4	2	1		

5 NON-FINANCIAL INFORMATION

5.3.2 ENVIRONMENT

	Year to Year		2021 – Regional Breakdown				
	2021	2020	Brazil	Angola	North America & Caribbean	Asia & Equatorial Guinea	Europe
Number of offshore units (vessels)	14	14	7	3	2	2	
Fleet Production							
Hydrocarbon Production (tonnes)	47,276,422	47,783,839	32,615,079	5,707,886	6,815,436	2,138,020	
Scope 1 Emissions							
GHG Scope 1 (tonnes of CO ₂ Eq)	237	165					237
Scope 2 Emissions							
GHG Scope 2 (location based) (tonnes of CO ₂ Eq)	2019	2516	18	97	983	476	444
GHG Scope 2 (market based) (tonnes of CO ₂ Eq)	752	588	4	97	181	443	28
Scope 3 Emissions							
Scope 3 – Downstream Leased Assets							
Total Carbon dioxide (CO ₂ in tonnes)	4,903,739	5,305,397	2,354,918	1,254,576	688,801	605,444	
Total Methane (CH ₄ in tonnes)	9,290	12,890	2,158	4,232	1,784	1,117	
Total Nitrous oxide (N ₂ O in tonnes)	315	318	169	66	41	39	
Total GHG emissions Downstream Leased Assets (tonnes of CO₂ Eq)	5,247,253	5,750,665	2,460,182	1,390,571	749,497	647,003	
Total GHG Emissions per Hydrocarbon Production ¹	110.99	120.35	75.43	243.62	109.97	302.62	
<i>Other / Air Pollution – Non Greenhouse Gas Emissions (in tonnes)</i>							
<i>Carbon monoxide (CO in tonnes)</i>	6,481	7,703	2,549	2,092	1,054	787	
<i>Nitrogen oxides (NOx in tonnes)</i>	7,902	7,905	4,291	1,524	1,045	1,043	
<i>Sulphur dioxides (SO₂ in tonnes)</i>	127	143	37	31	11	48	
<i>Volatile organic compounds (VOCs in tonnes)</i>	970	1,375	201	459	191	119	
Scope 3 – Purchased Goods & Services²	370,124						
Scope 3 – Business Travel³	10,919	8,231	5,007			254	5,658
Total GHG Emissions⁴	5,629,285	5,759,649	2,465,193	1,390,668	749,678	647,700	5,923
Flaring							
Total Gas Flared per hydrocarbon production ⁵	9.73	13.86	2.68	39.50	13.48	25.84	
Flaring emissions vs Total Emissions	29%	38%	12%	54%	41%	28%	
Energy							
Offshore Energy Processed (1) (GJ)	65,036,820	64,806,711	38,153,086	11,251,433	7,532,499	8,099,802	
Onshore Energy Consumed (2) (GJ)	27,925	28,300	666	816	8,476	2,588	15,380
Total Energy Processed & Consumed (1) + (2) (GJ)	65,064,745	64,835,011	38,153,752	11,252,249	7,540,975	8,102,390	15,380
Offshore Energy per production (GJ per tonne of HC production)	1.38	1.36	1.17	1.97	1.11	3.79	
Discharges							
Quantity of oil in produced water discharges ⁶	4.49	5.19	0.74	12.69	0.95	51.17	

1 Tonnes of CO₂ Eq / 1,000 Tonnes HC Production

2 Tonnes of CO₂ Eq. No split per region due to distribution of items over a combination of locations of procurement, fabrication and delivery.

3 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'

4 Tonnes of CO₂ Eq

5 Tonnes / 1,000 Tonnes HC Production

6 Tonnes of Oil in Produced Water / 10⁶ Tonnes HC Production