



OFFSHORE

ENERGY. COMMITTED.

ANNUAL REPORT 2020

Revised Data for 2019

	2019 Annual Report	Revised 2019 Annual Report
Number of offshore units (vessels)	12	12
SBM Offshore Production		
Hydrocarbon Production (tonnes)	53,442,908	47,492,381
Energy Consumption		
Offshore Energy Consumption ¹	61,368,370	60,720,811
Offshore Energy Consumption per Production ²	1.15	1.28
Emissions – Offshore		
Carbon dioxide (CO ₂) in tonnes	5,239,388	5,100,732
Methane (CH ₄) in tonnes	12,332	11,818
Nitrous oxide (N ₂ O) in tonnes	311	304
Flaring		
Total Gas Flared per production ³	11.87	12.77
Gas Flared on SBM Offshore account per production ³	3.95	4.30
Proportion of Gas Flared on SBM Offshore account	33%	34%
Other/Air Pollution – Non Greenhouse Gas Emissions		
Carbon monoxide (CO) in tonnes	7,335	7,095
Nitrogen oxides (NO _x) in tonnes	7,534	7,384
Sulphur dioxides (SO ₂) in tonnes	138	137
Volatile organic compounds (VOCs) in tonnes	1,315	1,259
GHG Emissions		
Offshore GHG emissions ⁴	5,640,476	5,486,881
Offshore GHG emission per Production	105.54	115.53
Discharges		
Quantity of oil in produced water discharges in tonnes per million tonnes of hydrocarbon production ⁵	5.13	5.77

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

2 gigajoule per tonnes of hydrocarbon production

3 tonnes of gas flared per thousand tonnes of hydrocarbon production

4 in tonnes of CO₂ equivalent

5 tonnes of oil discharged to sea per million tonnes of hydrocarbon production

4.9.3 PROCESS SAFETY REPORTING

A Loss of Primary Containment (LOPC) is defined as an unplanned or uncontrolled release of any material from primary containment, including non-toxic and non-flammable materials (e.g. steam, hot condensate, nitrogen, compressed CO₂ or compressed air).

A Tier 1 or Tier 2 PSE is defined as an LOPC from a process system that meets criteria defined in API RP 754.

LOPC events are reported in the Company's Single Reporting System as highlighted in sections 2.1.2 and 4.10.1. This system includes a built-in calculation tool to assist the user in determining the release quantity of LOPC events. All LOPCs are analysed to identify those considered to be PSEs as per API RP 754. Process Safety KPIs used by the Company include the number of Tier 1 and the number of Tier 2 PSEs.

4.9.4 HUMAN RESOURCES REPORTING

The Company's Human Resources (HR) data covers the global workforce and is broken down by region (continents) and employment type. The performance indicators report on the workforce status at year-end December 31, 2020. They include all staff assigned on unlimited or fixed-term contracts, employee new hires and departures, total number of locally-employed staff from agencies, and all crew working on board the offshore operations units and shore bases.