

2017

ANNUAL REPORT



EXPERIENCE MATTERS

5.2 NON-FINANCIAL INDICATORS

5.2.1 HEALTH, SAFETY & SECURITY

Health, Safety & Security

| | Year to Year | | 2017 – By Operating Segment | |
|--|-------------------|-------------------|-----------------------------|------------------|
| | 2017 | 2016 | Offshore | Onshore |
| Exposure Hours | | | | |
| Employee ¹ | 12,640,875 | 13,117,798 | 8,375,826 | 4,265,049 |
| Contractor ² | 742,280 | 1,516,282 | 0 | 742,280 |
| Total Exposure hours | 13,383,155 | 14,634,080 | 8,375,826 | 5,007,329 |
| Fatalities (work related) | | | | |
| Employee | 0 | 0 | 0 | 0 |
| Contractor | 0 | 0 | 0 | 0 |
| Total Fatalities | 0 | 0 | 0 | 0 |
| Injuries | | | | |
| Lost Time Injury Frequency Rate Employee | 0.05 | 0.12 | 0.07 | 0.00 |
| Lost Time Injury Frequency Rate Contractor | 0.27 | 0.00 | 0.00 | 0.27 |
| Lost Time Injury Frequency Rate (Total)³ | 0.06 | 0.11 | 0.07 | 0.04 |
| Total Recordable Injury Frequency Rate Employee | 0.17 | 0.34 | 0.26 | 0.00 |
| Total Recordable Injury Frequency Rate Contractor | 0.54 | 0.13 | 0.00 | 0.54 |
| Total Recordable Injury Frequency Rate (Total)⁴ | 0.19 | 0.31 | 0.26 | 0.08 |
| Occupational Illnesses | | | | |
| Employee | 1 | 7 | 1 | 0 |
| Contractor | 2 | 5 | 2 | 0 |
| Total recordable Occupational Illness Frequency Rate (employees only)⁵ | 0.02 | 0.11 | 0.02 | 0.00 |
| Security | | | | |
| Work-related security incidents | 11 | 9 | 9 | 2 |
| Work-related security incident resulting in physical harm to employees (number) | 0 | 0 | 0 | 0 |

1 Permanent employees, 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 Lost time injuries per 200,000 exposure hours

4 Recordable injuries per 200,000 exposure hours

5 Occupational illnesses per 200,000 exposure hours

Process Safety

| | Year to Year | | 2017 – Regional Breakdown | | | |
|---|--------------|------|---------------------------|--------|-----------------------------------|------|
| | 2017 | 2016 | Brazil | Angola | North America & Equatorial Guinea | Asia |
| Loss of Containment - Process | | | | | | |
| Total | 353 | 297 | 256 | 30 | 34 | 33 |
| API 754 Classified Materials | 227 | 163 | 163 | 24 | 27 | 13 |
| API 754 Classified Materials (by TIER) | | | | | | |
| Tier 1 incidents (number) | 5 | 3 | 2 | 1 | 1 | 1 |
| Tier 2 incidents (number) | 7 | 20 | 4 | 0 | 2 | 1 |
| Tier 3 Incidents (above 1kg/hr) | 91 | 82 | 61 | 16 | 11 | 3 |
| Weeps and Seeps (below 1kg/hr) | 124 | 58 | 96 | 7 | 13 | 8 |

5 NON-FINANCIAL DATA

5.2.2 ENVIRONMENT

Emissions & Energy

| | Year to Year | | 2017 – Regional Breakdown | | | |
|---|-------------------|-------------------|---------------------------|------------------|-----------------------------------|--------------|
| | 2017 | 2016 ¹ | Brazil | Angola | North America & Equatorial Guinea | Asia |
| Number of offshore units (vessels) | 14 | 14 | 7 | 3 | 3 | 1 |
| SBM Offshore Production | | | | | | |
| Hydrocarbon Production (tonnes) | 55,914,824 | 44,621,370 | 41,338,878 | 10,988,770 | 3,388,428 | 198,749 |
| Energy Consumption | | | | | | |
| Offshore Energy Consumption – Scope 1 in GJ ² | 62,746,663 | 55,486,649 | 40,358,799 | 16,304,135 | 6,027,049 | 56,679 |
| Offshore Energy consumption per production ³ | 1.12 | 1.24 | 0.98 | 1.48 | 1.78 | 0.29 |
| Onshore Energy Consumption – Scope 1 + Scope 2 in GJ ² | 35,110 | 36,930 | | | | |
| Total Energy Consumption – Scope 1 + Scope 2 in GJ² | 62,781,772 | 55,523,579 | | | | |
| Emissions – Offshore | | | | | | |
| GHG Scope 1 | | | | | | |
| Carbon dioxide (CO ₂) in tonnes | 5,193,405 | 5,766,556 | 2,621,690 | 2,147,172 | 420,539 | 4,004 |
| Methane (CH ₄) in tonnes | 11,917 | 18,351 | 2,976 | 8,319 | 623 | 0 |
| Nitrous oxide (N ₂ O) in tonnes | 314 | 309 | 181 | 105 | 28 | 0 |
| Volume of GHG⁴ | 5,584,850 | 6,317,413 | 2,749,961 | 2,386,329 | 444,474 | 4,087 |
| GHG per production offshore – Scope 1⁵ | 99.88 | 141.58 | 66.52 | 217.16 | 130.11 | 20.56 |
| Flaring | | | | | | |
| Total Gas Flared per production ⁶ | 10.92 | 21.70 | 3.19 | 40.86 | 8.81 | NA |
| Gas Flared on SBM account per production ⁶ | 5.68 | n.a. ⁷ | 2.95 | 16.82 | 3.25 | NA |
| Proportion of Gas Flared on SBM account | 52% | n.a. ⁷ | 93% | 41% | 37% | NA |
| Other/Air Pollution – Non Greenhouse Gas Emissions | | | | | | |
| Carbon monoxide (CO) in tonnes | 7,220 | 9,583 | 2,917 | 3,805 | 498 | 1 |
| Nitrogen oxides (NO _x) | 7,578 | 7,917 | 4,549 | 2,255 | 762 | 12 |
| Sulphur dioxides (SO ₂) | 7,735 | 12,691 | 53 | 38 | 7,639 | 5 |
| Volatile organic compounds (VOCs) | 1,268 | 1,988 | 292 | 909 | 66 | 0 |

¹ This information contains several data revisions compared to previous years. Details of these revisions can be found in section 5.1.6.

² GJ = gigajoule

³ gigajoule of energy per tonnes of hydrocarbon production

⁴ GHG = Greenhouse Gas Emissions; in tonnes of CO₂ equivalents

⁵ tonnes of Greenhouse Gas Emissions per thousand tonnes of hydrocarbon production

⁶ tonnes of gas flared per thousand tonnes of hydrocarbon production

⁷ Not available due to change in methodology see section 5.1.6 for details.