

# Forbes

Data Gumbo recognized as a key contributor to Equinor realizing a ~\$20M savings in its first year of operations on the Johan Sverdrup platform.

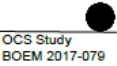
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# Reporting Frameworks and Guidance

- Standards Exist for this
  - Sustainability Accounting Standards Board (SASB)
  - GRI
  - Others
- Government or 3<sup>rd</sup> party calculation standards exist
  - Can be coded into smart contracts
  - Execute the same way every time
  - Standardizes output data as a side effect



## BOEM Offshore Wind Energy Facilities Emission Estimating Tool Technical Documentation



**EMISSION REPORT** (\*)  
Report Date Feb. 7, 2021  
Certificate Type GRI - 302

Made For:  
Lagniappe Operating Company  
1234 West Houston St.  
Houston, TX 77073  
USA

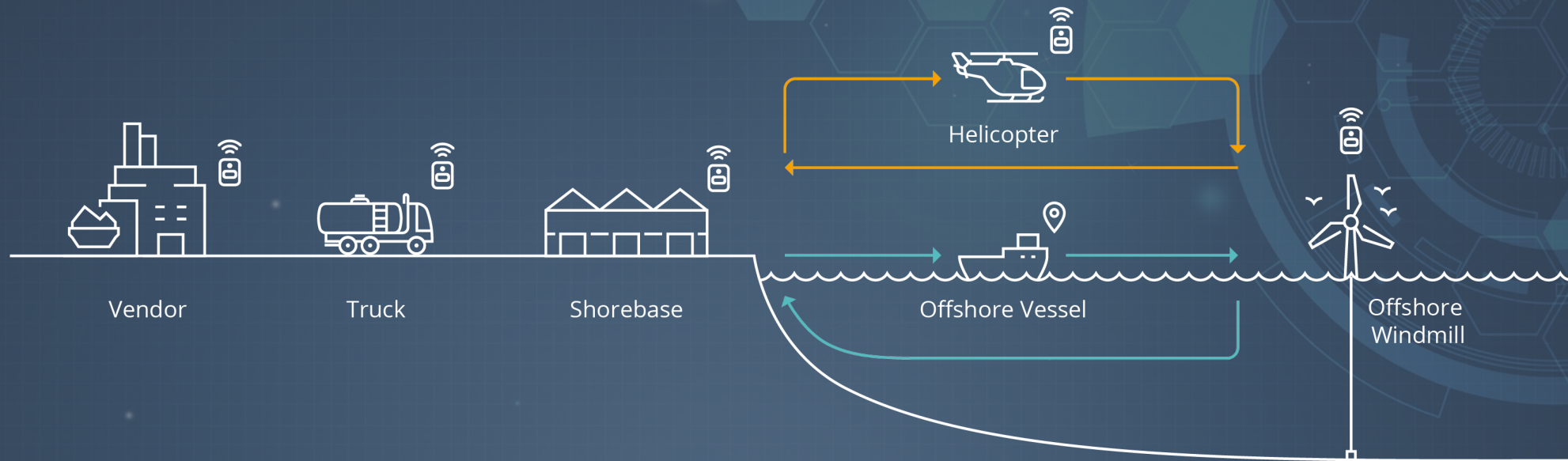
Well: LAG-WS-1

| SECTION A INTERNAL EMISSION |       |        |          |        |          |           |        |          |  |
|-----------------------------|-------|--------|----------|--------|----------|-----------|--------|----------|--|
| DATE                        | BLOCK | ASSET  | CONTRACT | SOURCE | ACTIVITY | VEHICLE   | UOM    | QUANTITY |  |
| 01/01/2021                  | 179   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 254.85   |  |
| 01/01/2021                  | 175   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 212.59   |  |
| 01/01/2021                  | 155   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 270.01   |  |
| 01/02/2021                  | 162   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 288.00   |  |
| 01/03/2021                  | 118   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 212.59   |  |
| 01/03/2021                  | 114   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 305.16   |  |
| 01/04/2021                  | 151   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 229.73   |  |
| 01/04/2021                  | 126   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 284.57   |  |
| 01/04/2021                  | 146   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 228.73   |  |
| 01/04/2021                  | 140   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 298.36   |  |
| 01/04/2021                  | 108   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 213.06   |  |
| 01/04/2021                  | 176   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 207.91   |  |
| 01/05/2021                  | 123   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 219.55   |  |
| 01/06/2021                  | 133   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 233.40   |  |
| 01/06/2021                  | 119   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 222.66   |  |
| 01/06/2021                  | 145   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 228.81   |  |
| 01/07/2021                  | 112   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 214.21   |  |
| 01/08/2021                  | 153   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 257.64   |  |
| 01/08/2021                  | 171   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 218.70   |  |
| 01/08/2021                  | 128   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 277.46   |  |
| 01/08/2021                  | 185   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 254.50   |  |
| 01/09/2021                  | 116   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 255.99   |  |
| 01/09/2021                  | 107   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 225.62   |  |
| 01/09/2021                  | 170   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 217.67   |  |
| 01/09/2021                  | 158   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 226.54   |  |
| 01/10/2021                  | 165   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 270.75   |  |
| 01/10/2021                  | 138   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 276.09   |  |
| 01/10/2021                  | 109   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 217.37   |  |
| 01/10/2021                  | 147   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 253.01   |  |
| 01/10/2021                  | 161   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 245.36   |  |
| 01/11/2021                  | 124   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 223.06   |  |
| 01/11/2021                  | 157   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 285.55   |  |
| 01/12/2021                  | 152   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 278.39   |  |
| 01/12/2021                  | 160   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 276.48   |  |
| 01/13/2021                  | 167   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 244.65   |  |
| 01/13/2021                  | 172   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 300.12   |  |
| 01/14/2021                  | 178   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 209.89   |  |
| 01/15/2021                  | 181   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 278.12   |  |
| 01/15/2021                  | 149   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 302.78   |  |
| 01/16/2021                  | 125   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 232.02   |  |
| 01/16/2021                  | 132   | PFT001 | 41       | Diesel | Drilling | Platform  | tonnes | 249.59   |  |
| 01/17/2021                  | 164   | LD5001 | 41       | Diesel | Drilling | Drillship | tonnes | 233.58   |  |

U.S. Department of the Interior  
Bureau of Ocean Energy Management  
Office of Renewable Energy Programs  
[www.boem.gov](http://www.boem.gov)

(\*) GRI reports in compliance with "CONSOLIDATED SET OF GRI SUSTAINABILITY REPORTING STANDARDS 2020", GSSB  
EPA, "Emission Factors for Greenhouse Gas Inventories", March 9, 2018"

# Payments and ESG Reporting Across the Supply Chain



## Problem

Contractual terms are buried in a complex legal contracts of little utilization in operations:

- There is little operator validation
- Overpayment for consumables and services
- No access to early pay discounts / performance terms
- Data needed for audit in multiple 3<sup>rd</sup> party systems
- High back office expenses
- No real time financial or ESG visibility

## Solution

Utilize electronic measurement from actual operations:

- Capture inventory management and logistics systems data to process rental rates for equipment, consumables and personnel
- Calculate Payments and ESG Metrics

## Value

- Guarantees agreed pricing
- Autonomous administration and execution of contract terms
- Both sides get a complete record of what assets / equipment moved where / when
- Removes doubt and increases trust
- Daily visibility into financial / emissions position
- Audit capabilities across multiple vendor sources