Sustainability Reporting Template

Contextual Information

Company Details	
Name of Organization	THE PHILODRILL CORPORATION
Location of Headquarters	8 TH F, Quad Alpha Centrum Bldg., 125 Pioneer St., Mandaluyong
Location of Operations	with active Service Contracts in NW Palawan and Mindoro, Phils.
Report Boundary: Legal entities	THE PHILODRILL CORPORATION
(e.g. subsidiaries) included in this	
report*	
Business Model, including	Oil and Gas Exploration and Production
Primary Activities, Brands,	
Products, and Services	
Reporting Period	2022
Highest Ranking Person	ADRIAN PAULINO S. RAMOS
responsible for this report	President

^{*}If you are a holding company, you could have an option whether to report on the holding company only or include the subsidiaries. However, please consider the principle of materiality when defining your report boundary.

Materiality Process

Explain how you applied the materiality principle (or the materiality process) in identifying your material topics.

The Philodrill Corporation recognizes the value of sustainability reporting as a useful risk management tool that will generate savings for the Company and help attain its goal of increased shareholder value. Philodrill is committed to providing access to affordable, reliable and sustainable energy that is essential to fuel our economy and improve living conditions.

Material topics were determined through the engagement of stakeholders (both internal and external) and rationalize the factors that have the most impact, where it occurs or how such factors affected the respondents' lives.

This Report will provide insight on the Company's risk management policies and governance practices and what it does to manage social, environmental, and economic sustainability.

Economic Performance

Direct Economic Value Generated and Distributed

Disclosure	Amount	Units
Direct economic value generated (revenue)	237,488,580.00	Php
Direct economic value distributed:		
Operating costs	108,330,134.00	Php
Employee wages and benefits	36,887,414.00	Php
Payments to suppliers, other operating costs	41,179,393.00	Php
Dividends given to stockholders and interest payments to		
loan providers	0	
Taxes given to government	7,613,477.00	Php
Investments to community (e.g. donations, CSR)	345,183.00	Php

What is the impact and where does it occur? What is the organization's involvement in the impact?	affected?	Management Approach
Identify the impact and where it occurs (i.e., primary business operations and/or supply chain) Indicate involvement in the impact (i.e., caused by the organization or linked to impacts through its business relationships	(e.g. employees, community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
The impact of economic performance is on the primary business operations of the Company. As the upstream O&G industry is a capital intensive business, strong economic performance means more projects are carried out. The impact is directly caused by the company as it is the measure of its performance in operating the business.	Strong economic performance means that value is delivered to our shareholders, value is delivered through our services to society, employees are offered competitive salaries and benefits, obligations to suppliers and creditors are met, customer orders are fulfilled, Government gains revenues and the local communities receive investment.	The Company implements Enterprise Risk Management (ERM). ERM provides reasonable assurance regarding the achievement of the Company's objectives. Philodrill can identify, assess, respond and monitor the outcomes of the industry's leading risk factors with an Enterprise Risk Management system in place.
What are the Risk/s Identified?	Which stakeholders are affected?	Management Approach
Identify risk/s related to material topic of the organization		
In the oil and gas industry, managing capital projects, in particular large capital projects, in a global environment is becoming increasingly complex. Oil and gas companies need to make strategic	employees, suppliers and	Effective monitoring and reporting mechanisms are in place to continuously review and manage the exposure to the risks and opportunities

decisions about which projects		
should be developed first to ensure		
their company's best performance.		
their company 3 desc performance.		
1 Drice Pick The price of oil and		
1. Price Risk . The price of oil and		
gas is the primary factor in		
deciding whether a reserve is		
economically feasible. Basically,		
the higher the geological barriers		
to easy extraction, the more price		
risk a given project faces. This is		
because unconventional		
extraction usually costs more than		
a vertical drill down to a deposit.		
2. Supply and Demand Risk.		
Operations take a lot of capital		
and time to get going, and they		
are not easy to shut down when		
prices go south or to ramp		
up when they go north. The		
uneven nature of production is		
part of what makes the price of oil		
and gas so volatile. Other		
economic factors also play into		
this, as financial		
crises and macroeconomic factors		
can dry up capital or otherwise		
affect the industry independently		
of the usual price risks.		
3. Cost Risk . The more onerous		
the regulation and the more		
difficult the drill, the more		
expensive a project becomes.		
4. Operational Risk. Companies		
struggle to find and retain the		
qualified workers that they need		
to operate the field.	Which stakeholders are	Managament Annyasah
What are the Opportunity/ies Identified?	affected?	Management Approach
Identify the opportunity/ies		
related		
to material topic of the		
organization		
Good economic performance	The stockholders,	Management implements rationalization
opens opportunities for the	employees, National	of exploration projects, prioritizing those
Company to participate in more	Government and the	within the medium-term prospects. In all
exploration projects and enter into	local community	its undertakings, tighter measures are
Joint Venture agreements.		employed to ensure efficient utilization

	of resources to minimize cost and
Provides the Company resources	dependence on outsourced services that
to offer competitive	are more costly.
compensation package and	
benefits for its employees, and	
share profit to its stockholders.	
But more importantly, the	
Government gains more revenues	
and better investments are	
returned back to the local	
communities.	

Climate-related risks and opportunities 15

<u>Climate-related risks and opportunities</u>				
Governance	Strategy	Risk Management	Metrics and Targets	
Disclose the organization's governance around climate-related risks and opportunities	Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning where such information is material	Disclose how the organization identifies, assesses, and manages climate-related risks	Disclose the metrics and targets used to assess and manage relevant climate- related risks and opportunities where such information is material	
The Philodrill's Board of Directors ensures that a comprehensive, corporate-wide climate change mitigation or adaptation strategy is in place. Executive Management must identify adaptation measures and opportunities to mitigate energy cost, carbon and carbon related regulatory measures. The most cost effective measures the Company can take to adapt to physical risks (to build resilience for climate changes which can no longer be avoided) and mitigate energy costs and carbon risks (reduce exposure) are then described based	people. The Company as Operator sets environmental standards in accordance with global best practices, which meet all regulatory requirements. The company's standards cover its environmental performance including: managing emissions of greenhouse gases, using less energy more efficiently, flaring and burning off less gas during oil production, preventing spills and leaks of hazardous materials, using less fresh water and	Management. ERM process provides corporate oversight for identifying major risks to the Company and ensuring mitigation plans are in place. The ERM process includes risk review with executive management and the Board of Directors that identifies risks inherent in our business. Risks assessed through this process include financial, operational, geopolitical, commodity pricing, security, geological and technological	The Company has not set targets for emissions reduction for the most recent years as most of its major assets are still in the exploration stage while Greenhouse Gas (GHG) emissions at the office has minimal impact to the environment. However, for the Galoc Operations, wherein Philodrill has a participating interest, GHG emission and gas flaring are being monitored and measured. The Company, once producing again will	

best practices. These measures should not be considered in isolation but within the capital planning cycle of the Company.	in the consortium to comply with the best standards. The Company works in partnership with the government (DOE, PCSD), Academics (UP Geological Society) and local community (El Nido) to maintain and sustain its high standards.	Strategic and business planning processes. The Mancom is responsible for managing the strategic and business planning processes at the Board's direction. These processes are designed to ensure that ou business remains resilient under a variety of circumstances, and they include examination of external points of view, ongoing assessment of the dynamics of the energy sector, monitoring of policy and regulatory developments, and examination of trends, such as advancements in technology and evolution of consumer preferences. Portfolio management. The Company manages its portfolio of assets to meet objectives in accordance with its strategic and/or business plans. A decision to the Company's portfolio made based on the thencurrent view of factors, including anticipated future cost, NPVs, market, pricing and regulatory conditions.	r n f c t t t t t t t t t t t t
Disclosures			
a)Describe the board's oversight of	a) Describe the climate-related	a) Describe the organization's	a) Disclose the metrics used by the
climate-related	risks and	processes for	organization to
risks and	opportunities the	identifying and	assess climate-
opportunities	organization has	assessing climate-	related risks and
	identified over the	related risks	opportunities in
	short, medium and		line with its
	long term		strategy and risk
			management
			process

The Philodrill
Corporation, through
its Board of Directors,
is committed to its
goal of energy
sufficiency, but
remains focused on
operating responsibly
and safely. The Board
meets regularly, on a
monthly basis to
discuss updates of
company assets which
includes climaterelated concerns.

During these meetings, decisionmaking issues that require top-level approval are presented. The management assures that the impacts on the environment (i.e., climate change) are carefully considered in the choices presented to the board. Updates on policies implemented, actions undertaken, and effects of these decisions are discussed with the board.

As most the assets are still in the exploration stage, the bulk of the workload is tied in office works.

Production of paper wastes is the most common short-term environmental risk the Company is facing. By going electronic, not only is the Company reducing paper wastes but also operational expenses.

The more intense extreme rainfall events and other natural disasters were identified as affecting its employees in a short- term period. The flaring of natural gases in the Galoc asset emits tonnes of GHG into the atmosphere thus causing medium-term health hazards to the employees onboard the platform and long- term effect on global warming.

During the last meeting for the year, Management discusses with the Board the work program and budget (WP&B) plans for the succeeding year. The Exploration program such as Geological & Geophysical activities are strategically scheduled all throughout the coming year. Management identifies possible environmental (including climaterelated) risks that may impede the accomplishment of the said activities or cause any disruption in the operations. Guidance from the Board is sought on the implementation of cost-effective adaptation strategies. Previously collected data such as rainfall quantity, ocean current pattern, and gas emissions helps in forecasting risks that may arise during the implementation of G&G activities. The occurrence probability of these risks and the object which it will directly and indirectly affect are considered carefully.

Philodrill's operated blocks are strictly complying with RA 8749 or the Philippine Clean Air Act of 1999 which has the Department of Environment and **Natural Resources** (DENR) as the lead agency. The quality and quantity of gas emissions during operations are compared to the standard limits set by the DENR.

Philodrill adheres to the DOE standards concerning regulations in the energy industry. The Company regularly submits quarterly and annual operations reports and results of exploration activities of the Company's operated service contract. The Company's plans are also aligned with the department's mission to be globally-competitive while improving the quality of life of Filipino communities.

- b) Describe management's role in assessing and managing climaterelated risks and opportunities
- b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy and
- b) Describe the organization's processes for managing climate-related risks
- b) Describe the targets used by the organization to manage climaterelated risks and opportunities and performance

Management provides the link between its employees and the host communities that are directly exposed to climate-related risks to the Board which is the decisionmaking body of the Company. Management is also responsible in providing immediate sound decisions and actions toward these risks. Management oversees all operations and assesses possible environmental impacts of the Company's activities.

Philodrill is exposed to many weather related climate change risks that could result in construction delays, production downgrades or blow outs to decommissioning costs, if not managed well.

financial planning.

Company activities are planned and scheduled accordingly to lessen climate-related risks (e.g., weather pattern) that will incur additional expenses. Environmental factors, such as the reuse of materials and appropriate disposal, are considered when closing down a site.

During the initial planning stages of our major projects, a screening process is implemented to identify potential environmental and social impacts. These may include impacts on sensitive areas and freshwater resources, as well as the prevalence of bribery and corruption in the LGU, local employment and community health and safety. The results are used to identify actions and mitigation measures and then implement these in project design, construction and operations.

The Management team works hard to understand environmental and social sensitivities in the areas where we operate with the aim of avoiding, minimizing and mitigating any potential impacts.

against targets The primary target of the Company is to lessen carbon footprint and the negative environmental impact of its exploration activities. Recycling is practiced in the office premises. Reusable items such as papers, newspapers, carton boxes, plastic bags, and plastic/glass bottles are either reused or if unrecyclable are sold and proceeds distributed to the staff. These measures that not only aid the employees in work but also benefits the Company by lessening operational expenses and providing additional income.

Conservation of electricity and water is also a constant practice. The Company is contributing less air pollutants with the efficient use of GHG-emitting equipment.

Management ensures that the facilities of producing oil fields are in good condition so that emissions of hazardous matters are at the minimum or acceptable limits.

c) Describe the resilience of the organization's strategy, taking into consideration different climaterelated scenarios including a 2°C or lower scenario	c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management
The Company's management and sta plan and create scenario analysis prio to implementation of projects. A contingen plan is always include in the programs presented to the boa Usually, an additional 10-20% of the total project budget and to number of working dis allocated as contingent measures	Management ff practices a holistic approach in doing the Company's overall risk management. After identification, assessment, and action preparation for the climate-related risks, integration with the other risks are done. A cause-and- effect relationship is established on the risks
	G&G activities are undertaken during favorable weather window periods taking into consideration weather downtime, thus limiting risks and expenses and ensuring the safety of operations.

Procurement Practices

Proportion of spending on local suppliers

Disclosure	Quantity	Units
Percentage of procurement budget used for significant locations of operations that is spent on local suppliers	Php39,728,856.00	96.48%

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Identify the impact and where it occurs (i.e., primary business operations and/or supply chain) Indicate involvement in the impact (i.e., caused by the organization or linked to impacts through its business relationship)	(e.g. employees, community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
Localizing supply chain represents an opportunity to help reduce emissions and energy usage. Local supplies do not create large carbon footprints through overseas plane travel or long truck trips. This cuts down on fuel consumption and air pollution.	Suppliers	Foreign contractors are only engaged if there are no qualified or capable local suppliers available.
What are the Risk/s Identified?	Which stakeholders are affected?	Management Approach
Identify risk/s related to material topic of the organization		
Inability of local suppliers to meet the demand.	suppliers	Management assesses the availability and competency of local suppliers. Foreign contractors are only engaged if there are no qualified or capable local suppliers available.
What are the Opportunity/ies Identified?	Which stakeholders are affected?	Management Approach
Identify the opportunity/ies related to material topic of the Organization		

The Company reduces shipping and	Suppliers and other oil	The Company seeks and
storage cost while increasing	and gas companies	maintains mutually
revenue of the local economy by		beneficial relationships with
involving local suppliers.		Suppliers that uphold the
		Company's principles and
This presents opportunity to the		core values.
Company to be more competitive		
in terms of its pricing of local crude		
oil produce and sold to refineries or		
end users.		

ENVIRONMENT

Resource Management

Energy consumption within the organization: (Annual Consumption at the Principal office)

Disclosure	Quantity	Units
Energy consumption (renewable sources)	0	GJ
Energy consumption (gasoline)	0	GJ
Energy consumption (LPG)	N.A.	GJ
Energy consumption (diesel)	30.05	GJ
Energy consumption (electricity)	55,680 (4,640/month)	kWh

^{*}Electricity consumption at the principal office for 2022

Energy consumption on site: Galoc

Energy Consumption (Diesel)			
Parameter	Term/Formula	Unit	Year 2022
Sulfur in fuel actually used (average)	А	%	0.004
Fuel Consumption	В	li	176,500
Conversion Factors	С	lb/kg	2.205
	D	li/gallon	3.785
Diesel Density	Е	lb/gallon [1]	7.1
	F = E/(C*D)	kg/li	0.8507
Average Diesel Heating value	G	BTU/lb[1]	19,300
	H = G * C	BTU/kg	42,556.50
	I = H * F	BTU/li	36,203.43
Power Input	J = I*B/1000000	MMBTU	6,389.91

Energy Consumption (Natural Gas)			
Parameter	Term/Formula	Unit	Year 2022
Fuel Consumption	А	mmscf	41.35
Average Natural Gas Heating value	В	BTU/scf [1]	1,050
Power Input	C = A*B	MMBTU	43,416.76

Reduction of energy consumption

Disclosure	Quantity	Units
Energy reduction (gasoline)	0	GJ
Energy reduction (LPG)	N.A.	GJ
Energy reduction (diesel)	28.69	GJ
Energy reduction (electricity)	0	kWh
Energy reduction (gasoline)	N.A.	GJ

What is the impact and where	Which stakeholders are	Management Approach
does it occur? What is the	affected?	
organization's involvement in the		
impact?		
Identify the impact and where it occurs (i.e., primary business operations and/or supply chain) Indicate involvement in the impact (i.e., caused by the organization or linked to impacts through its business relationship)	(e.g. employees, community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
Energy directly impacts the Company's operations. Energy resources are vital and necessary to the daily operations of the oil fields. Rationalization of energy consumption involves the Company, its employees and contractors both onsite (field operations) and offsite (office site).		Philodrill is committed to using less energy and more efficiently, flaring and burning off less gas during oil production. It encourages Partners in joint ventures to comply with global standards and best practices. The Company is also implementing cost-cutting measures resulting to the proper monitoring of and reduction in general & administrative expenses.
Continuous reduction of energy consumption is being done through implementation of energy conservation measures.		
What are the Risk/s Identified?	Which stakeholders are affected?	Management Approach
Identify risk/s related to material topic of the organization		
Inefficient use of equipment resulting to higher energy consumption.	Employees, personnel working on site	Continuous monitoring and constant reminder to company employees of efficient use of office equipment. Orient maintenance staff on the schedule of switching on and off of lights, aircon, workstations, and other electrical
		equipment. Encourage employees to car pool, if

		possible, to save on gasoline/diesel Facilities at site are well maintained and kept at best condition to work efficiently.
• • • • • • • • • • • • • • • • • • • •	Which stakeholders are affected?	Management Approach
Identify the opportunity/ies related to material topic of the organization		
The Company will assess the impact of implementing alternative work scheme including an option to work from home to decrease operational costs and increase employees' productivity by minimizing travel time.		Continuous assessment of practicality and viability of implementing alternative work scheme.

Water consumption within the organization (off site – Office)

Disclosure	Quantity	Units
Water withdrawal	No data	Cubic meters
Water consumption	435.90	Cubic meters
Water recycled and reused	0	Cubic meters

Water consumption on site (Palawan)

Disclosure	Quantity	Units
Water withdrawal	n/a (with own desalination/water maker)	Cubic meters
Water consumption	8,704	Cubic meters
Water recycled and reused	0	Cubic meters

^{*}Note that we are manufacturing/making our own fresh water that was converted from the sea water within the area.

	Which stakeholders are affected?	Management Approach
occurs (i.e., primary business operations and/or supply chain)	community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?

	1	
As the country experienced water	Community, Employees,	The Company educates and constantly
crisis in 2019, the Company has	and personnel working in	reminds its employees on the efficient
been prioritizing water	the platforms	use of water.
management, so as not to		
contribute further to the depletion		Reprocessing of seawater to produce
of our water resources.		clean, safe, and fresh water to be self-
		sufficient, instead of relying on water
At the Platform, we use reverse		tank refilling by supply vessels, which will
osmosis in seawater desalination to		entail additional logistical processes is
produce clean water that can be		continuously being implemented.
used for drinking, bathing, food		, to 1000, to 1000
preparation, and other general		
purposes.		
What are the Risk/s Identified?	Which stakeholders are	Management Approach
what are the Maky's luchtimed:	affected?	ivianagement Approach
Identify risk/s related to material		
topic of the organization		
Within the office premises, some	Employees	The Company constantly reminds its
personnel are unaware that they		employees to practice water
irresponsibly use water facilities		conservation.
resulting to higher consumption.		
		Management lowered the water pressure
		in the comfort rooms, to control water
		flow and avoid spillage.
		Also, management ensures that there are
		no faucet and toilet leaks to avoid water
		wastage by conducting regular
		inspections
What are the Opportunity/ies	Which stakeholders are	Management Approach
Identified?	affected?	Production (Pproduction)
Identify the opportunity/ies related		
to material topic of the		
organization		
Efficient water consumption leads	Employees and Building	The Company constantly reminds
to financial savings, which can be	Management	employees to use water responsibly.
appropriated by the Company for	ivianagement	employees to use water responsibly.
other purposes.		
other purposes.		
Additionally, water conservation		
helps the community as a whole in		
prolonging the water supply		
especially during dry seasons from		
March to May wherein the water in		
reservoirs falls below normal level.		
	1	

Ecosystems and biodiversity (whether in upland/watershed or coastal/marine)

Disclosure	Quantity	Units
Operational sites owned, leased, managed in, or adjacent to,	Galoc FPSO (Intrepid	
protected areas and areas of high biodiversity value outside	Balanghai)	
protected areas.	<u>.</u>	
	Location:	
	Location: West	
	Philippine Sea, 87km	
	north of El Nido town	
	11° 58' 37.2" N	
	119° 18' 43.2" E	
Habitats protected or restored	none	ha
IUCN17 Red List species and national conservation list	(list)	
species with habitats in areas affected by operations		

^{*}Note that we have a full copy of the Marine Protected Areas (MPA) for the whole Occidental Mindoro and Palawan with given locations and areas. Species are generally referred to as fishes, corals, seaweeds and the like.

· ·	Which stakeholders are affected?	Management Approach
	,, ,,	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
compliance with environmental laws and policies by securing required permits from the DOE, DENR-EMB.	Personnel working at the platforms and local Communities adjacent to	The Company secures a Certificate of Non Coverage (CNC) or Environmental Compliance Certificate (ECC), whichever is applicable, from the Environmental Management Bureau (EMB) of the DENR
Philodrill supports the conservation and preservation of protected areas that house our country's rich		to cover all its exploration activities, as well as Strategic Environmental Plan Clearance (SEPC) from Palawan Council for Sustainable Development (PCSD).

The tite the mony of definited;	affected?	
What are the Risk/s Identified?		Galoc and Octon Fields" 4. Service Contract 53 – Onshore Mindoro • Certificate of Non-Overlap of any Ancestral Domain/Land of Indigenous Cultural Communities issued by the National Commission on Indigenous People (NCIP) Region 1V on September 22, 2014 Management Approach
		Bureau to Pitkin Petroleum Plc – SC 6A Geophysical Surveys (2D and 3D Seismic) and Exploration Program on June 6, 2012 Strategic Environment Plan (SEP) Clearance issued by the Palawan Council for Sustainable Development to Philodrill and DOE – Oil and Gas Exploration Project on SC 6A – on May 26, 2016 Service Contract 74 Strategic Environment Plan Clearance issued by PCSD to Pitkin Petroleum/ Philodrill Corporation on August 27 2014 Strategic Environment Plan Clearance issued by PCSD to Philex Petroleum/ Philodrill/PNOC-Exploration Corporation on May 24, 2016 Service Contract 14 C-1 – Galoc Strategic Environment Plan Clearance issued by PCSD and concurred by DENR for the Galoc Field Area Development Project on December 15, 2016 Environmental Compliance Certificate issued by DENR (signed by Sec. Angelo Reyes) on August 30, 2006. The ECC coverage specified the "Oil Development and Production of
fauna).		 Service Contract 6A – Octon Block Certificate of Non-Coverage issued by the DENR –
natural resources (both flora and		1 Coming Contract CA Cotton Block

include the disturbance of local ecosystem in the area (i.e. cutting	onboard the Vessels, Personnel working at the platforms and local Communities adjacent to or within the SCs	The Company strictly abides with Environmental laws and policies. The exploration, production and development activities are being accomplished with minimum or no detrimental impacts to flora and fauna, marine and onshore environment, soils, surface, ground, and marine waters. Regular Health, Safety, Security and Environment (HSSE) meetings are being conducted during onshore and offshore operations. The Company conducts Bathymetric Survey to determine the shallow water areas or pinnacles to be avoided during seismic
		The P&A of production wells in SC 14A and SC 14B in 2018 and 2019 were accomplished with no significant impact to the environment and offshore waters. Some of the platforms were stripped of equipment and materials that were transported onshore for later disposal. With regard to the SC 14C-1, Galoc field operations, Oil Spill Contingency Plans are in place in case of any untoward incidents. Produced water and petroleum wastes are being monitored in compliance with the standard acceptable amount defined by the DENR. Used diesel is being monitored to ensure that there is no spillage.
What are the Opportunity/ies		Management Approach
Identified? Identify the opportunity/ies related	affected?	
to material topic of the Organization		
Decrease of negative		The SC 14 JV turned over the Nido and
environmental impact while	_	Matinloc platforms to the DOE in
		December 2019 so that they can be used
cost by partnering with other		by the DND-AFP for national defense,
companies that provide exploration		instead of creating a new outpost.
services within adjacent areas. In		
the office, decrease environment		
impact and CO2 imprint by going		
paperless/electronic. In offshore		
operations, JV partners devise ways		
to repurpose old platforms (they		

were converted as defense outpost	
of the government) instead of	
building or manufacturing a new	
one.	

Environmental impact management

<u>Air Emissions</u> <u>GHG</u>

Air Pollutants:

Emission Rate Estimates

For the flaring facility, emission rate estimates of the GFAD Floating Production Storage Offloading (FPSO) Vessel for the year 2022 are presented in the table below:

Pollutant	Emission Factor [1]0 (tons pollutant/tons gas)	Emission for the Year 2022 (tons)
CO2	2.8	213,589.31
СО	0.0067	511.1
NOx	0.0012	91.54
N2O	0.000081	6.17
SO2	0.0000128	0.98
CH4 n atural gas	0.018	1,373.06
VOC natural gas	0.002	152.3
Gas Quantity Emitted		
Volume of Gas, ft3	2,586,181,700	
Equivalent Weight, tons	76,281.9	

For fuel combustion, emission rate estimates of the FPSO for the Year 2022 are presented below:

Pollutant	Emission Factors		Voor 2022 (tons)	
	lb/MMBTU	kg/MMBTU	Year 2022 (tons)	
CO2	165	74.80	477.94	
СО	0.85	0.39	2.47	
NOx (controlled) [2]	1.9	0.86	5.49	
SOx	1.01 S	0.458 S	0.011	
TOC	0.09	0.04	0.26	
PM	0.1	0.05	0.29	

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What is the impact and where	Which stakeholders are	Management Approach
does it occur? What is the	affected?	
organization's involvement in the		
impact?		
Identify the impact and where it occurs (i.e., primary business operations and/or supply chain) Indicate involvement in the impact linked to impacts through its business relationship)	(e.g. employees, community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
At the office, usage of air	Employees of Philodrill	The Company regulates its AC systems to
conditioning (AC) systems that release chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HFCs) which are GHGs that trap heat and cause depletion of the ozone layer. Natural gases (i.e. methane (CH4), ethane, propane, butane, and other heavier components), which are GHG and VOCs, produced in the Galoc field are flared out as these are not economical to be developed and also pose safety and health hazards (i.e. major blowout accident leading to destruction and fatality) if not attended properly. Flaring natural gases results to byproducts or GHGs such as CO, CO2, VOCs, NOX, SOX, and other air		lessen its power consumption. Out of twenty two (22) AC systems pre-installed in the office, only twelve (12) are regularly in operation during work hours (9:00-16:00). These units are those near work desks occupied by the Company's employees. As an alternative, Management has opted to purchase AC systems with HFCs refrigerants instead of CFCs, since the former have lesser detrimental effects to the environment.
pollutants What are the Risk/s Identified?	Which stakeholders are	Management Approach
	affected?	
Identify risk/s related to material topic of the organization		
Emission of GHG into the environm	and personnel onboard	Together with the reduced usage of AC units in the office, routine check and
HFCs represent only a small portion		maintenance are also being implemented
of the total GHG emissions.	communities	to ensure efficiency of the AC systems.
However, they trap heat in the		<u> </u>
atmosphere as much as CO2.		To prevent major blowout accidents, flaring is favored by the management than
Although flaring/burning of natural		venting off natural gases.
gases emits a number of pollutants		
in the environment, it is less		
hazardous as compared to venting		
which is directly releasing natural gases into the atmosphere. Large		
Bases into the atmosphere. Large		

amounts of released natural gases/GHGs may cause health hazards to the platform's crew and contribute to ozone destruction and global warming.		
What are the Opportunity/ies Identified?	Which stakeholders are affected?	Management Approach
Identify the opportunity/ies related to material topic of the Organization		
In the office, decrease environment impact and CO2 footprint by going electronic. Less electricity consumption brought about by the minimal use of AC units and the cost-effective performance resulting from the regular maintenance will lead to savings that can be allocated to other company expenses. At the site, proposal to use a device which could reduce the gas flaring is seriously being considered.		The Company is practicing energy conservation measures. Philodrill is implementing paperless approach to certain transactions to minimize paper consumption and CO2 emission during printing and photocopying. Although the abovementioned energy conservation measures can be considered basic with minimal effect to the environment, Philodrill believes that this effort will still be beneficial to the community and environment in the long run.

·	Which stakeholders are affected?	Management Approach
	(e.g. employees, community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
		In SC 14C-1 operations offshore, International Convention for the Prevention of Pollution from Ships (MARPOL) guidelines are strictly enforced.

notroloum components) recults to	T	
petroleum components) results to by-products or air pollutants such		
NOx, SOx, VOCs, and PM. Ethane		
and propane are the most		
abundant non-methane		
hydrocarbon compounds found in		
natural gas.		
What are the Risk/s Identified?	Which stakeholders are	Management Approach
	affected?	
Identify risk/s related to material		
topic of the organization		
Abundant NOX and SOX released in	to Employees onboard the	Strict implementation of the MARPOL
the environment from ship	platform, FPSO, and	guidelines to decrease ship emissions.
emission/fossil fuel combustion	nearby communities	FPSO/Ship engines are also properly
causes acid deposition. These gased	ous	maintained to avoid machine failures
pollutants are the major componen	ts	that could increase the ship's intake
of acid rain and smog apart from its		of fossil fuel which in turn leads to an
contribution to greenhouse effect a	nd	increase in combusted fuel. The
global warming. Although		management opted to do gas flaring
flaring/burning of gases emits certa	in	rather than venting to minimize
pollutants in the environment, it is		health hazards and accidents.
less hazardous as compared to		
venting which is directly releasing		
natural gases into the atmosphere.		
Large amounts of released natural		
gases may cause health hazards to t	:he	
platform crew.		
• • • • • • • • • • • • • • • • • • • •	Which stakeholders are	Management Approach
	affected?	
Identify the opportunity/ies related		
to material topic of the		
organization		
	Employees onboard the	Strict compliance with the
governing air and seas/water will	platform/FPSO and nearby	International Convention for the
enable the Company and Galoc JV	communities	Prevention of Pollution from Ships
to operate without interruption.		(MARPOL) guidelines.
Fines and penalties will also be		
avoided. A healthier and more conducive environment for the		
employees onboard the platform		
and FPSO.		
1		

Effluents

TYPE	YEAR 2022	Ī	<u>T</u>	
		If contained in FPSO specify		If discharged to
		containment details	;	the sea, specify
		Water not considere	ed as waste	the manner of
				discharge
<u>Produced</u>		Stored in Slop	Diverted to Cargo	Discharged
formation water		Tank (Oily Water	Tank (as part of	Overboard b :
		Tank) a: 1,032.1	crude product) a :	133,478.93
		bbls (164.08 m3)	566.52 bbls (90.07	(21,220.82 m3)
			m3)	
		Re-processed		
		Produced		
		Formation Water*		
		: NA		
Wash water	0.25 m3/day x 365	Contained in slop ta	nk (oily water tank)*	
(vessel washings)	days = 91.25 m3			
Cooling Water for	6,000 m3/day x			Subsea discharge
the Engine Room	365 days =			
	2,190,000 m3			
Cooling Water for	8,400 m3/day x			Overboard
Process Area	348.16 days =			discharge
	2,924,544 m3			

^{*}Produced water with >15 ppm oil content is either diverted to the cargo tank (if oil content is very high) and/or directed to the oily water tank (slop tank). In due time, oil in the slop tank separates and floats on top of the water layer. The relatively oil-free water is flowed to the clean water slop tank and is reprocessed for overboard disposal, while the accumulated oil is flowed to the cargo tank (as part of crude product). b Produced water that is discharged overboard has less than 15 ppm oil content as tested on board. An alarm system or a full-time technician diverts the produced water to the slop tank if oil content is greater than 15 ppm

Disclosure	Quantity	Units
Total volume of water discharges	21,220.82	Cubic
		meters
Percent of wastewater recycled	N.A.	%

^{*}Note that majority of waste water produced from extraction of crude oil was treated before discharging overboard based on the accepted level of effluents set by the international standards and EMB.

Only 253.69 m3 of wastewater was recycled as per Galoc report.

What is the impact and where does it occur? What is the organization's involvement in the impact?	Which stakeholders are affected?	Management Approach
Identify the impact and where it occurs (i.e., primary business operations and/or supply chain) Indicate involvement in the impact (i.e., caused by the organization or linked to impacts through its business relationship)	(e.g. employees, community, suppliers, government, vulnerable groups)	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
Offshore International and National Guidelines for Wastewater Discharges to the surface and bottom of the sea should be followed, as to control pollution and to have minimal impact to the marine environment and ecosystem. Maximum defined contamination levels should be followed.	Fishermen, and Community	In offshore petroleum operations of the Company, subsidiaries, and JV partners, the International Convention for the Prevention of Pollution from Ships (MARPOL) guidelines are strictly enforced.
What are the Risk/s Identified?	Which stakeholders are affected?	Management Approach
Identify risk/s related to material topic of the organization		
The effluents with oil and other toxic waste contents exceeding the acceptable amount set by the MARPOL guidelines will contaminate the sea and sea bottom. This will cause damage to marine flora and fauna and can possibly cause related health implications to the community.	Fishermen, and Community	Strict implementation of safety and environmental standards of the JV consortium. In case of untoward incidents, mitigation procedures are in place. At the FPSO vessel and platforms, produced water is analyzed and discharged overboard if it has less than 15 ppm of oil content. If the produced water exceeds the 15 ppm allowable limit, procedures under the Oil Spill Contingency Plan are carried out to treat the water before disposal.
triat are the opportunity, ies	Which stakeholders are affected?	Management Approach
Identify the opportunity/ies related to material topic of the organization		
Some produced formation water or effluent is being reprocessed and used onboard.	Fishermen, and Community	Reprocessed or treated water discharges onboard by Galoc consortium can be utilized for other general purposes in the vessel or platform.

Environmental compliance

Non-compliance with Environmental Laws and Regulations

Disclosure	Quantity	Units
Total amount of monetary fines for non-compliance with	0	Php
environmental laws and/or regulations		
No. of non-monetary sanctions for non-compliance with	0	#
environmental laws and/or regulations		
No. of cases resolved through dispute resolution mechanism	0	#

What is the impact and where does it occur? What is the organization's involvement in the impact? Identify the impact and where it	Which stakeholders are affected? (e.g. employees,	Management Approach What policies, commitments, goals and
occurs (i.e., primary business operations and/or supply chain) Indicate involvement in the impact (i.e., caused by the organization or linked to impacts through its business relationship)	community, suppliers, government, vulnerable groups)	targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
Philodrill is serious in complying with Environmental Laws and Policies	Employees and Community adjacent or within the SCs	Philodrill acquired CNC/PCC from EMB-DENR to cover its exploration activities, as well as SEPC from PCSD as follows: 1. Contract 6A – Octon Block • Certificate of Non-Coverage issued by the DENR – Environmental Management Bureau to Pitkin Petroleum Plc – SC 6A Geophysical Surveys (2D and 3D Seismic) and Exploration Program on June 6, 2012 • Strategic Environment Plan (SEP) Clearance issued by the Palawan Council for Sustainable Development to Philodrill and DOE – Oil and Gas Exploration Project on SC 6A – on May 26, 2016 2. Service Contract 74 • Strategic Environment Plan Clearance issued by PCSD to Pitkin Petroleum/ Philodrill Corporation on August 27 2014 • Strategic Environment Plan Clearance issued by PCSD to Philex Petroleum/ Philodrill/PNOC-Exploration Corporation on May 24, 2016

		 Service Contract 14 C-1 – Galoc Strategic Environment Plan Clearance issued by PCSD and concurred by DENR for the Galoc Field Area Development Project on December 15, 2016 Environmental Compliance Certificate issued by DENR (signed by Sec. Angelo Reyes) on August 30, 2006. The ECC coverage specified the "Oil Development and Production of Galoc and Octon Fields" Service Contract 53 – Onshore Mindoro Certificate of Non-Overlap of any Ancestral Domain/Land of Indigenous Cultural Communities issued by the National Commission on Indigenous People (NCIP) Region 1V on September 22, 2014
What are the Risk/s Identified?	Which stakeholders are affected?	Management Approach
Identify risk/s related to material topic of the organization		
Non-compliance with environmental laws and regulations might lead to imposition of penalties and fines, or even to the extent of cancellation of the SC	Employees and Company	The Company continues strict adherence to environmental laws and regulations.
What are the Opportunity/ies	Which stakeholders are	Management Approach
• •		Wanagement Approach
Identified? Identify the opportunity/ies related to material topic of the organization	affected?	ivianagement Approach

SOCIAL

Employee Management

Employee Hiring and Benefits

Employee data

Disclosure	Quantity	Units
Total number of employees ¹⁸	24	#
a. Number of female employees	15	#
b. Number of male employees	9	#
Attrition rate 19	0	rate
Ratio of lowest paid employee against minimum wage	2:1	ratio

Employee benefits

List of Benefits	Y/N	% of female employees who availed for the year	% of male employees who availed for the year
SSS	Y	20%	0%
PhilHealth	Y	0	0
Pag-ibig	Y	6.67%	0%
Parental leaves	Y	-	-
Vacation leaves	Y	100%	100%
Sick leaves	Y	66.67%	0%
Medical benefits (aside from PhilHealth)	Y	100%	100%
Housing assistance (aside from Pagibig)	N	-	-
Retirement fund (aside from SSS)	Y	6.67%	11.11%
Further education support	Y	-	-
Company stock options	Y	-	-
Telecommuting	Y	100%	100%
Flexible-working Hours	Y	18%	44%
(Others)			

What is the impact and where does it occur? What is the organization's involvement in the impact?	Management Approach
business operations and/or supply chain	

Provides assistance in facilitating and processing of The Company considers its people its greatest the applications. The Company ensures regular and asset. Employees are provided with benefits timely remittance of the employee's monthly packages (i.e. Maternity Benefit, Sickness Benefit premiums. Philodrill provides assistance to employees and, Salary Loans) along with a wide range of in facilitating and processing of the applications when learning and professional development availing other SSS and Pag-Ibig benefits. opportunities to help them achieve their full potential. Benefits provided for the employees are as follows: 1. Base Salary; 2. Medical Coverage for Employees and their spouses and dependents; 3. Employees' Annual Medical Check-Ups and HMO; 4. Life and Accident Insurance; 5. Educational assistance; 6. Annual Vacation Leave – 15 days; 7. Annual Sick Leave – 15 days; and 8. Other allowances (transportation, rice, mobile phone). The Company also promotes work-life balance and the welfare of the employees. Philodrill advocates the rights of female workers in the office without bias and discrimination. Additionally, the Company adheres to the Magna Carta of Women (RA 9710) and Solo Parent Welfare Act of 2000 (RA 8972). What are the Risk/s Identified? Management Approach Identify risk/s related to material topic of the organization Non-adherence to providing benefits mandated by All employees enter into labor contracts for legal the government is a violation of the law and will employment with the Company. The Company subject the Company to civil and criminal liabilities in exercises check-and-balance practices to ensure addition to revocation of license to operate. that various policies are properly implemented. What are the Opportunity/ies Identified? Management Approach Identify the opportunity/ies related to material topic of the organization The Company is considering telecommuting or work The Company prioritizes management of its from home arrangements. employees to ensure that it maintains a high performing workforce that is at par with the best Work from home arrangement decreases operational in the industry. expenses of the Company and increases employees' work efficiency.

Employee Training and Development

Disclosure	Quantity	Units
Total training hours provided to employees		
a. Female employees	132	hours
b. Male employees	48	hours
Average training hours provided to employees		
a. Female employees	44	hours/employee
b. Male employees	24	hours/employee

What is the impact and where does it occur? What	Management Approach
is the organization's involvement in the impact?	Widnagement Approach
Identify the impact and where it occurs (i.e., primary	What policies, commitments, goals and targets,
business operations and/or supply chain)	responsibilities, resources, grievance mechanisms,
Indicate involvement in the impact (i.e., caused by the	
organization or linked to impacts through its business relationship)	have to manage the material topic?
Philodrill exerts effort to attract, motivate, develop	Technical personnel are attending SEAPEX
and retain the best local talent and equip our people	meetings/seminars both local and abroad, as well
with the right skills for the future. The Company's	as annual Philippine Geological Conferences. A
performance and ability to thrive in this environment	Basin Analysis training course was attended by a
depend on it.	Philodrill geologist, together with other
	geoscientists from local petroleum operators.
The onshore and offshore petroleum competency	HSSE trainings such as First Aid and Basic Life
requirement is complex and requires high standard of	Saving Trainings are attended by assigned
safety and proficiency. Philodrill believes that its	personnel every two years.
employees are the main asset of the Company and	
continuous training and development should be	Earthquake and fire drills are also implemented
implemented.	by the Company
What are the Risk/s Identified?	Management Approach
Identify risk/s related to material topic of the	
organization	
Globally, the petroleum industry is experiencing a	The training and development budget will be
downturn, which caused a slowdown in overall	realigned in response to the oil price crash. Our
operations and sustenance of personnel training and	personnel are encouraged to take advantage of
development.	free webinar courses provided by technical
	experts.
What are the Opportunity/ies Identified?	Management Approach
Identify the opportunity/ies related to material topic	
of the organization	
While petroleum operations are slowing down, the	Cooperation with other Petroleum Exploration
Company should take this opportunity to avail of	Companies in organizing an international training
training which is much cheaper if done locally with	course but is conducted locally.
other petroleum operators. Also, online trainings are	
cheaper as they will not require travel and	First aid training by the Red Cross should be
accommodation costs. HSSE trainings should be	attended by employees. The Company looks for
attended by all personnel with different definitions of	
safety standards.	training if available.
	Additionally, technical personnel are participating
	on free online courses offered by petroleum
	experts.

Diversity and Equal Opportunity

Disclosure	Quantity	Units
% of female workers in the workforce	15	62.5%
% of male workers in the workforce	9	37.5%
Number of employees from indigenous communities and/or vulnerable sector*		#

^{*}Vulnerable sector includes, elderly, persons with disabilities, vulnerable women, refugees, migrants, internally displaced persons, people living with HIV and other diseases, solo parents, and the poor or the base of the pyramid (BOP; Class D and E).

What is the impact and where does it occur? What	Management Approach
is the organization's involvement in the impact?	
business operations and/or supply chain) Indicate involvement in the impact (i.e., caused by the	What policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms, and/or projects, programs, and initiatives do you have to manage the material topic?
Company activities such as hiring, promotion, and compensation are conducted without regard to race, color, ethnicity, religion, national origin, gender, gender identity or expression, sexual orientation, marital status, dependents, genetics, disability, age, social class, or political views.	The management of Philodrill is committed to respecting people's differences and creating an inclusive workplace culture. It does not tolerate any kind of harassment or prejudice. In order to respect and value the diversity of the employees and all with whom the Company do business, managers are required to ensure that the working environment is free from any form of harassment and discrimination. Philodrill advocates the rights of female workers in the office without bias and discrimination. Additionally, the Company adheres to the Solo Parent Welfare Act of 2000 (RA 8972) and the Magna Carta for Disabled Persons (RA 7277). The company's board diversity policy can be found in the Company's website through this link: https://philodrill.com/documents14/ov_diversity-policy.pdf
What are the Risk/s Identified?	Management Approach
Identify risk/s related to material topic of the organization	J 11
The Company has not identified any violation relating to diversity and equal opportunity.	All employees are provided with equal career opportunities and recognize that people bring different skill qualities to the work place.
What are the Opportunity/ies Identified?	Management Approach
Identify the opportunity/ies related to material topic of the organization	
	The Company will continue to promote inclusiveness to help break down barriers and reduce the fear of being rejected, not only for who the employees are, but also for the ideas they voice. Continuous hiring of both local and foreign consultants for the company's exploration projects.

Workplace Conditions, Labor Standards, and Human Rights

Occupational Health and Safety

Disclosure	Quantity	Units
Safe Man-Hours	192,456	Man-hours
No. of work-related injuries	none	#
No. of work-related fatalities	none	#
No. of work related ill-health	none	#
No. of safety drills	48	#

What is the impact and where does it occur? What	Management Approach
is the organization's involvement in the impact?	
Identify the impact and where it occurs (i.e., primary	What policies, commitments, goals and targets,
business operations and/or supply chain)	responsibilities, resources, grievance mechanisms,
Indicate involvement in the impact (i.e., caused by the	
organization or linked to impacts through its business	have to manage the material topic?
relationship)	The Common of Salt and Salt an
The Company and its Subsidiaries consistently foster a	
safe working environment. Philodrill implements employee health and safety measures and training	occupational health and safety laws and regulations. Philodrill aims to achieve a zero
programs that protect people from occupational	injury and fatality rate for its entire staff. Same is
hazards by preventing injury, illness, and fatality.	true with offshore operations of subsidiaries,
industrial by preventing injury, initess, and ractine,	which adhere to international HSSE policies.
	At the work site, first aid kits and fire
	extinguishing equipment are conspicuously
	located and properly maintained. To ensure
	emergency preparedness, staff participates in
	regular fire and earthquake evacuation drills.
	Regular first aid and lifesaving trainings are being
What are the Risk/s Identified?	attended by assigned safety officer at the office. Management Approach
Identify risk/s related to material topic of the	Trianagement Approach
Organization	
No fatal cases, occupational injuries or incidents were	The Company enforces occupational health and
recorded during the year at the office as well as in the	
field. Failure to manage workplace safety would	contractors, and host communities.
negatively impact employee health and productivity.	
What are the Opportunity/ies Identified?	Management Approach
Identify the opportunity/ies related to material topic	
of the organization	
By properly managing and implementing health and	The Company will continue to provide the
safety trainings, employees and contractors can	necessary equipment, training, and resources to
handle their jobs safely for the benefit of the	enable employees and contractors to work safely.
organization and all stakeholders. The Company aims	Philodrill will consistently encourage and
to be up-to-date with current best practices in HSSE.	empower employees by letting them attend
	safety trainings and retake training sessions, if
	necessary, to refresh their memory.

Product or Service Contribution to UN SDGs

Key products and services and its contribution to sustainable development.

Key Products and Services	Societal Value / Contribution to UN SDGs	Potential Negative Impact of Contribution	Management Approach to Negative Impact
Oil & Gas Exploration & Production	Economic growth	Environmental damage associated with field operations.	Strict compliance to government laws and regulations on health and environmental safety.
Oil & Gas Exploration & Production	Decent work	· ·	Conduct IEC campaign prior to the fieldwork.
Oil & Gas Exploration & Production	groups	indigenous people are affected	Careful planning, consultation management, accommodation and negotiation with the local community and indigenous groups.

^{*} None/Not Applicable is not an acceptable answer. For holding companies, the services and products of its subsidiaries may be disclosed.