

**ECO (ATLANTIC) OIL & GAS LTD.**

**MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE THREE AND NINE MONTH PERIOD ENDED**

**December 31, 2021**

**Expressed in US Dollars**

**Prepared by:**

**ECO (ATLANTIC) OIL & GAS LTD.**

**7 Coulson Avenue**

**Toronto, ON, Canada, M4V 1Y3**

**February 24, 2022.**



## Introduction

The following management's discussion and analysis (the "MD&A") of the financial condition and results of operations of Eco (Atlantic) Oil & Gas Ltd. and its subsidiary companies (individually and collectively, as the context requires, "Eco Atlantic" or the "Company") constitutes management's review of the factors that affected the Company's financial and operating performance for the three and nine month period ended December 31, 2021. This discussion should be read in conjunction with the audited consolidated financial statements of the Company for the year ended March 31, 2021, together with the notes thereto, as well as the Company's unaudited condensed consolidated interim financial statements for three and nine month period ended December 31, 2021 (the "Financial Statements"). These documents have been prepared in accordance with International Financial Reporting Standards ("IFRS") issued by the International Accounting Standards Board. This MD&A contains forward-looking information that is subject to risk factors including those set out under "Forward Looking Information" below and elsewhere in this MD&A, including under "Risks and Uncertainties". Further information about the Company and its operations can be obtained from the offices of the Company or at [www.ecoilandgas.com](http://www.ecoilandgas.com). **All amounts are reported in US dollars**, unless otherwise noted. This MD&A has been prepared as at February 24, 2022.

## Forward Looking Information

Statements contained in this MD&A that are not historical facts are forward-looking statements that involve risks and uncertainties. Forward-looking statements include, but are not limited to, statements with respect to the future price of petroleum and/or natural gas; capital expenditures; costs, timing and future plans concerning the development of petroleum and/or natural gas properties; permitting time lines; currency fluctuations; requirements for additional capital; government regulation of petroleum and natural gas matters; environmental risks; unanticipated reclamation expenses; title disputes or claims; and limitations on insurance coverage. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, risks related to operations; termination or amendment of existing contracts; actual results of drilling activities; results of reclamation activities, if any; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of petroleum and natural gas; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the petroleum and natural gas industries; delays in obtaining or failure to obtain any governmental approvals, licenses or financing or in the completion of development activities; as well as those factors discussed in the section entitled "Risks and Uncertainties" in this MD&A. Although the Company has attempted to identify important factors that may cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. These forward-looking statements are made as of the date of this MD&A and the Company assumes no obligation to update or revise them to reflect new events or circumstances, except as may be required by law.



## Nature of Business and Structure of the Company

The Company's business focuses on the generation of shareholder value through high growth energy projects - primarily through identifying, acquiring, and exploring oil and gas assets, and more recently, through the development of renewable energy projects.

The Company operates in the Republic of Namibia ("**Namibia**") and the Co-Operative Republic of Guyana ("**Guyana**") and in the European Union (through its wholly owned subsidiary Solear Ltd "**Solear**").

The common shares of the Company (the "**Common Shares**") trade on the TSX Venture Exchange (the "**TSXV**") under the symbol "EOG", and on the AIM Market of the London Stock Exchange (the "**AIM**") under the symbol "ECO".

## Overview of Operations

### Oil and Gas exploration

Eco (Atlantic) Guyana Inc. ("**Eco Guyana**"), the Company's wholly owned subsidiary, currently holds a 15% interest in the Orinduik Block offshore Guyana governed by a petroleum agreement between the Company, the Government of Guyana, Tullow Guyana B.V. and TOQAP Guyana B.V. (the "**Orinduik License**"). The Company's original 40% interest was reduced to 15% following the completion of the exercise of the Total Option (as defined below).

The Company holds four licenses in the Walvis Basin, Offshore Namibia ("**Namibia Licenses**"): (i) Petroleum Exploration License ("PEL") # 097 (the "**Cooper License**") and (ii) PEL # 099 (the "**Guy License**") (iii) PEL # 098 (the "**Sharon License**") and (iv) PEL # 100 (the "**Tamar License**"). The terms of the Namibia Licenses are governed by Petroleum Agreements (each, a "**Namibia Petroleum Agreement**" and collectively, the "**Eco Namibia Petroleum Agreements**") between the Company, its Namibia Licenses partners, and Namibia's Ministry of Mines and Energy (the "**Ministry**").

Effective June 28, 2021, the Company became the indirect owner of an interest in the Canje Block offshore Guyana through the acquisition of a 6.4% interest (and up to 10% on a fully diluted basis) in JHI Associates Inc., a private company incorporated in Ontario and headquartered in Toronto, Canada. The Canje Block is operated by ExxonMobil and is held by working interest partners Esso Exploration & Production Guyana Limited (35%), TotalEnergies E&P Guyana B.V. (35%), JHI Associates (BVI) Inc. (17.5%) and Mid-Atlantic Oil & Gas Inc. (12.5%).

The Company is in the development stage and has not yet commenced principal producing operations other than acquiring and analyzing certain pertinent geological data in Guyana and Namibia and drilling two exploration wells in Guyana. The Company is currently engaged in the exploration and development of its properties, in addition to evaluating the Jethro and Joe oil discoveries, to determine the appropriate appraisal approach.

### Renewable Energy development

During 2021, the Company's subsidiary, Eco (BVI) Oil and Gas Ltd, was renamed Solear Ltd., to source, acquire and develop an exclusive pipeline of potential high yield solar energy projects, with a geographic focus in southern Europe. An independent senior team is currently engaged in the review and analysis of several development projects with potentially promising returns to seek to generate shareholder value.

Solear is targeting development capacity of 2 GW by the end of 2024. The near-term objectives of the business are to create a portfolio of investment grade solar development assets which will attract capital for further development through to construction and operation.



## Significant Developments

- On January 26, 2021, the Company announced the formation of a new company to source, acquire and develop an exclusive pipeline of potential high yield solar energy projects. To give effect to the new venture, the Company's existing subsidiary Eco (BVI) Oil and Gas Ltd, was renamed Slear Ltd., in which the Company originally owned 70% of the outstanding shares and Nepco Capital Partners ("**Nepco**") owned the remaining 30% of the outstanding shares. Slear completed its first acquisition of a fully contracted, permitted, and build ready project in Greece, known as the Kozani Project (which was subsequently sold, as further detailed below). Effective August 1, 2021, Nepco agreed to a restructuring of the shareholdings of Slear such that the Company is now the holder of 100% of Slear.
- On March 15, 2021, the Company announced that the joint venture partners in respect of the Orinduik Block offshore Guyana successfully entered into the First Renewal Period of the Orinduik License initially signed on 14 January 2016 with the Government of Guyana, with the associated notice having now been approved and signed by the Department of Energy of the Government of Guyana ("**DOE**"). The DOE has also provided final approval for the transfer of the Total E&P Guyana B.V. 25% working interest in the Orinduik License to a new company jointly owned by TotalEnergies E&P Guyana B.V. (60%) and Qatar Energy (40%), namely TOQAP Guyana B.V. ("**TOQAP**").
- On June 28, 2021, the Company announced that it had closed a transaction with JHI Associates Inc. ("**JHI**"), a private company incorporated in Ontario and headquartered in Toronto, Canada, for the Company to acquire up to a 10% interest in JHI on a fully diluted basis (the "**JHI Transaction**") and to appoint Keith Hill, a non-executive Director of the Company, to the JHI board of directors. The JHI Transaction provides the Company with immediate exposure to a current active drilling program in the Canje Block offshore Guyana.
- On June 28, 2021, the Company announced a private placement offering (the "**Offering**") of 14,945,913 Units in the capital of the Company (the "**Units**") at a price of CAD \$0.41 per Unit. Each Unit consists of one common share and one whole common share purchase warrant (the "**Warrants**"). Each Warrant entitles the holder thereof to acquire one additional common share in the capital of the Company (each a "**Warrant Share**") at a price of CAD \$0.47 per Warrant Share at any time until such date as is two years after the closing of the Offering. The offering was completed with two subscribers, namely Africa Oil Corp. and Charlestown Energy Partners, LLC. The private placement closed on July 19, 2021.
- On July 5, 2021, the Company announced that it received a detailed update from JHI. The Jabillo-1 well in the Canje Block, offshore Guyana, reached its planned target depth and was evaluated but did not show evidence of commercial hydrocarbons. Jabillo-1 will now be plugged and abandoned. This well was drilled at no cost to JHI or Eco and was completed on a full carry basis. JHI has also announced that the Block Operator ExxonMobil had confirmed its plan to spud another exploration well, Sapote 1, around mid-August 2021.
- On November 1, 2021, the Company announced that it had received an update from JHI that ExxonMobil has successfully and safely drilled the Sapote-1 well on the Canje Block, to a depth of 6,759 meters (22,172 ft), in 2,549 meters (8,362 ft) of water. The well recorded hydrocarbon shows while drilling, and in the logging sequence, in a deeper interval than anticipated, but had no shows in the upper primary objective horizon. With sidewall coring and wireline logging complete, ExxonMobil will now work to define the reservoir properties, including porosity and permeability, and the cored samples will be analysed for hydrocarbons.

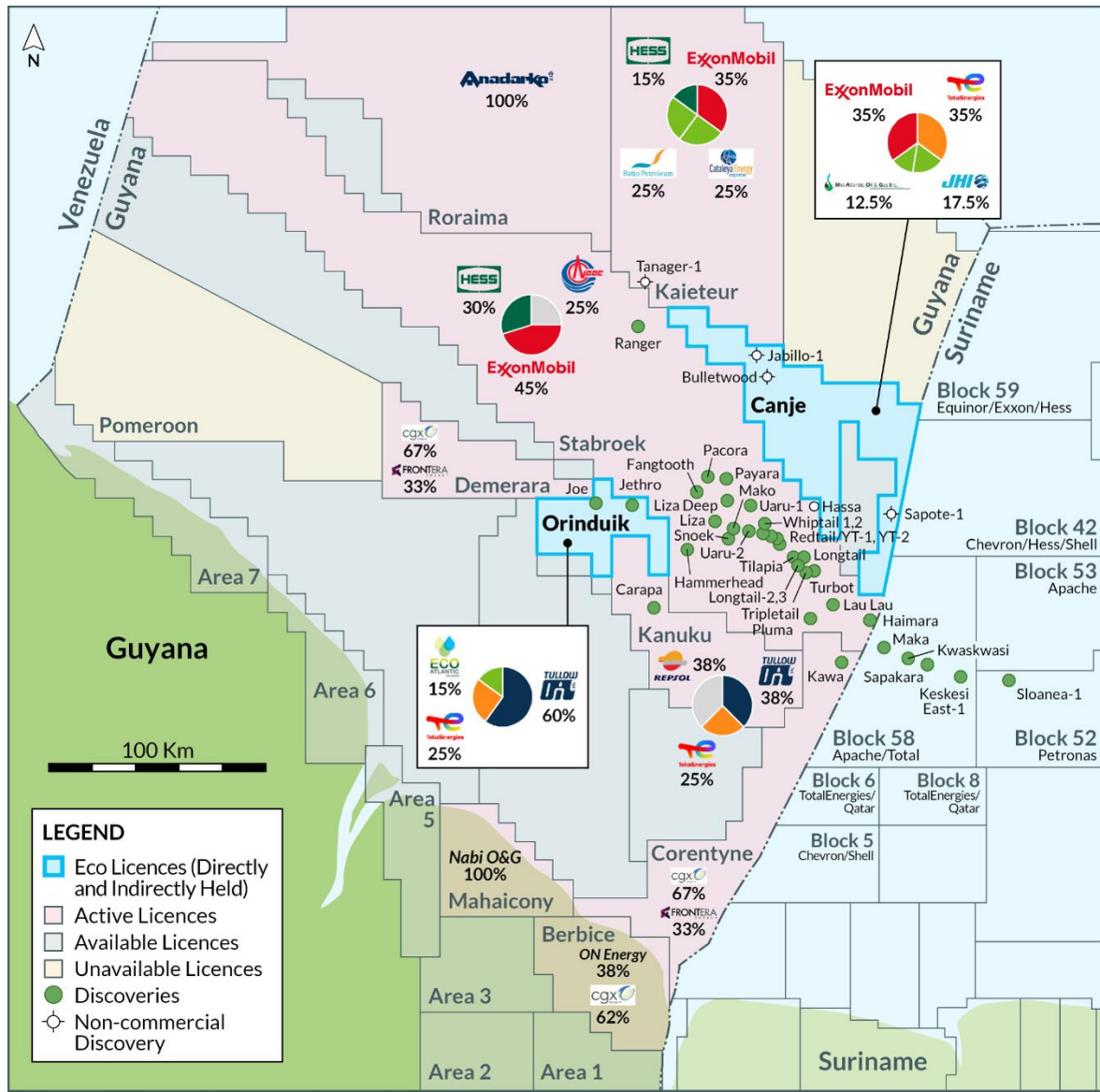


- On November 1, 2021, the Company announced that Solear has signed, effective October 2021, an MOU with B&S Power Holdings Co. (“**B&S Power**”), an independent developer and operator of solar parks in Europe and South America, to jointly acquire and develop Ready to Build (“**RTB**”) solar parks, funded exclusively by an international EPC firm. As part of the joint venture, B&S Power will inject their current development assets base into Solear. The companies are now evaluating a 104MW RTB park in Greece and additional transactions in Bulgaria, Hungary, and Spain.
- On December 29, 2021, the Company announced that shareholders of the Company approved all resolutions placed before them at the annual and special meeting of shareholders of the Company held on December 29, 2021.
- On January 10, 2022, the Company announced the entering into of a memorandum of understanding (“**MOU**”) to acquire 100% of the issued and outstanding securities of Azinam Group Limited in consideration for the issuance of 16.5% of its Common Shares (post issuance). On February 8, 2022, the Company announced that the MOU was superseded by a binding share purchase agreement.
- On January 12, 2022, the Company announced that six directors of the Company and one senior manager elected to exercise 4,450,000 options to acquire Common Shares which were due to expire at midnight on January 12, 2022, at an exercise price of CAD \$0.30. In order to effect a cashless exercise, as permitted under the Company's Stock Option Plan, and minimize dilution to shareholders, the Board has agreed to issue, in aggregate, 1,599,999 Common Shares in lieu of the 4,450,000 options exercised, based on the closing price of the Common Shares on the TSXV on January 11, 2022 of CAD \$0.45.
- On January 19, 2022, the Company announced that it has increased its interest in JHI, through the acquisition from an arm’s length third party of an additional 800,000 common shares in the capital of JHI, to 7.35% in consideration for the issuance to the arm’s length party of 1,200,000 new Common Shares in Eco.
- On February 24, 2022, the Company announced the sale of the Kozani project in Greece by Solear for c.€1.8m (c.\$2 million) to Nepco, in partnership with PowerChina New Energy Power Co., Ltd. (“PowerChina”), a Chinese state owned company active in civil engineering construction and the renewable energy infrastructure industry. This transaction enables the repayment of this consideration to the Company pursuant to the shareholder loan advanced by Eco to Solear in 2021.



The location of the Company's exploration licenses are indicated on the maps below:

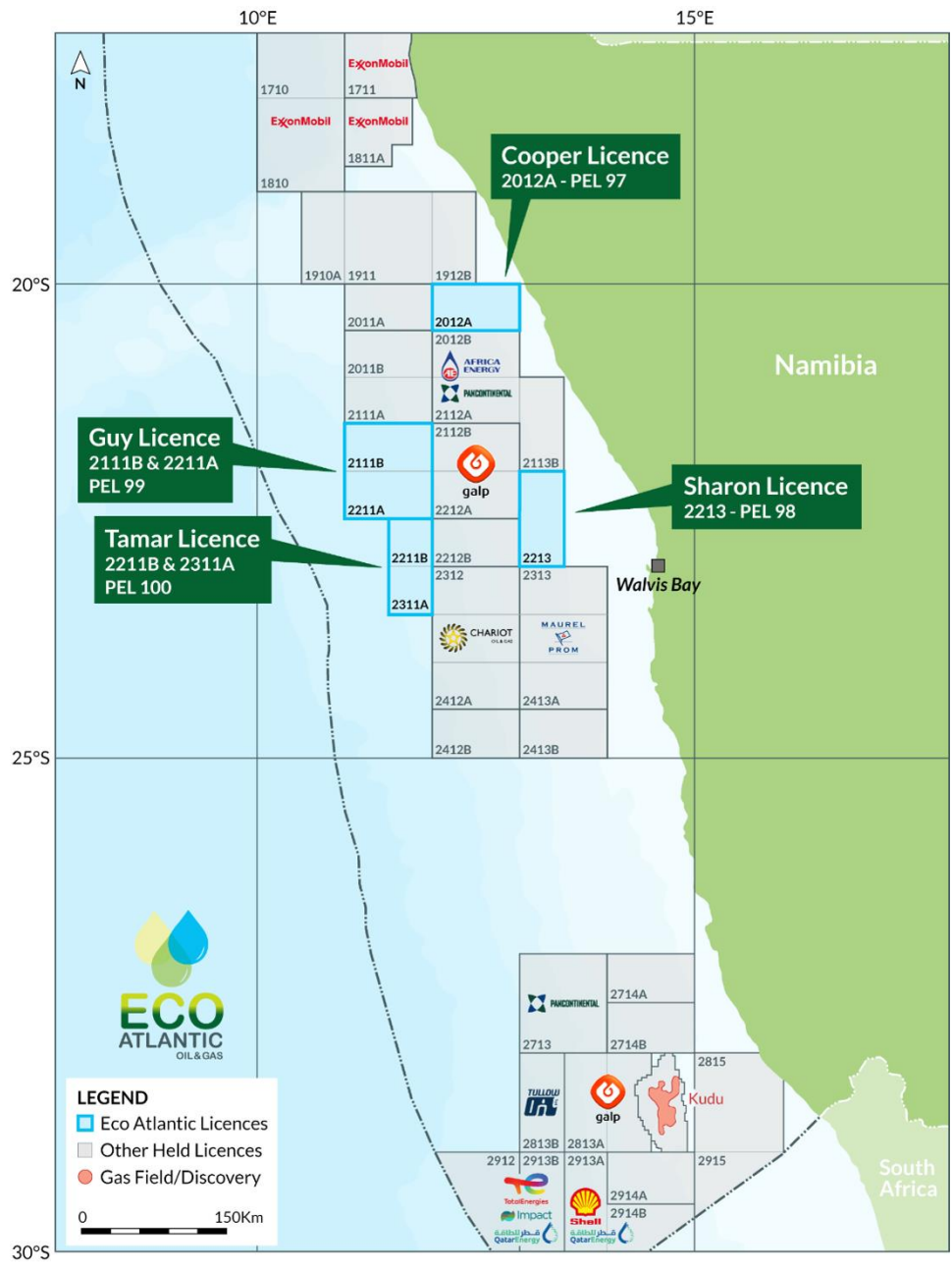
**Guyana**







**Namibia**





## GUYANA

### *Orinduik Block*

The Orinduik Block governed by the Orinduik License is located offshore Guyana. The Orinduik Block is situated in shallow to deep water (70m-1,400m), 170kms offshore Guyana in the Suriname Guyana basin and is located in close proximity to the ExxonMobil led consortiums' 21 oil discoveries which is estimated by ExxonMobil to contain approximately 10 billion recoverable BOE.

In accordance with the Orinduik License and following TotalEnergies E&P Activitiés Pétrolières' ("Total") exercise of their Total Option (as defined below), Eco (Atlantic) Guyana Inc. ("Eco Guyana") holds a 15% working interest in the Guyana License, TotalEnergies held a 25% working interest (now held by TOQAP Guyana B.V.) and Tullow Guyana holds a 60% interest (Operator) (together the "Partners").

On September 11, 2018, the Company announced the filing of a Competent Persons Report ("Report") with 2.9 BBOE prospective resource P50 Best Estimate. On March 18, 2019, the Company announced an update to the Report pursuant to which the potential resource on the Orinduik Block, offshore Guyana, was increased to 3.981 BBOE prospective resource P50 Best Estimate, subsequently updated in February 2020.

On December 5, 2018, the Company announced its 2019 drilling program for the Orinduik Block, offshore Guyana. The net cost of the first well, named the Jethro-Lobe prospect, which is located 170 kilometres offshore in the Suriname Guyana basin, was US\$7.6 million, the prospect, which was drilled from a conventional drill ship, is a lower tertiary stratigraphically trapped canyon turbidite in about 1,350 meters of water. The prospect, at that time, was estimated to hold 216 mmbbl of gross prospective resources with the 'Chance of Success' estimated to be 43.2%.

On August 12, 2019, the Company announced a major oil discovery on the Orinduik License. The Jethro-1 exploration well was drilled by the Stena Forth drillship to a final depth of 14,331 feet (4,400 meters) in approximately 1,350 meters of water. Evaluation of logging data confirmed that the Jethro-1 is the first discovery on the Orinduik License and comprises oil-bearing sandstone reservoir of Lower Tertiary age. It encountered 180.5 feet (55 meters) of net oil pay in lower Tertiary sandstone reservoirs.

On August 27, 2019, the Company announced the commencement of drilling of the Joe prospect ("Joe-1") the Company's second exploration well on the Orinduik Block. Joe-1 was spud using the Stena Forth drillship, which previously drilled the Jethro-1 discovery.

On September 16, 2019, the Company announced a second oil discovery on the Orinduik Block, offshore Guyana. The Joe-1 exploration well was drilled by the Stena Forth drillship to a final depth of 7,176 feet (2,175 meters) in approximately 2,546 feet (780 meters) of water. Evaluation of MWD, wireline logging and sampling of the oil confirms that Joe-1 is the second discovery on the Orinduik License and comprises oil-bearing sandstone reservoir with a high porosity of Upper Tertiary age. The Joe-1 well encountered 52 feet (16 meters) of continuous thick sandstone.

On November 13, 2019, the Company announced that wells were drilled within budget, with MWD logging tool and conventional wireline, and the reservoirs were considered to be high quality sands with good permeability.

Fluid samples were taken in both of the wells and were sent for analysis by the Operator. Samples recovered from Jethro-1 and Joe-1 were mobile heavy crudes, not dissimilar to the commercial heavy crudes in the North Sea, Gulf of Mexico, the Campos Basin in Brazil, Venezuela and Angola, with high sulphur content.





On December 9, 2019, the Partners elected to enter the next exploration phase (the “**First Renewal Period**”) of the Orinduik License signed on January 14, 2016 and have submitted their official notice to the Department of Energy of the Government of Guyana.

The entering into of the First Renewal Period, which commenced from January 14, 2020, will see the Partners maintain control of the licence for a further three years, through to January 13, 2023, and until the second renewal exploration period which will last until 2026.

On February 3, 2020, the Company announced the filing of a National Instrument 51-101 compliant resource report on the Orinduik Block, offshore Guyana showing significant increase in Gross Prospective Resources to 5,141 MMBOE (771 MMBOE net to Eco) from previous estimate of Gross Prospective Resources of 3,981 MMBOE in March 2019.

On March 15, 2021, the Department of Energy of the Government of Guyana provided final approval for the transfer of the TotalEnergies E&P Guyana B.V. 25% working interest in the Orinduik License to a new company jointly owned by TotalEnergies E&P Guyana B.V. (60%) and Qatar Energy (40%), namely TOQAP Guyana B.V. (“**TOQAP**”). Accordingly, the JV Partners now comprise Eco Atlantic (15% WI), Tullow Guyana B.V. (Operator, 60% WI) and TOQAP (25% WI).

The JV Partners are currently further defining the Orinduik geological modeling, 3D reprocessing, prospects maturation and upgrading of the drilling targets inventory selection in an ongoing process.

As of the date hereof, the remaining Exploration activities and the aggregate expenditure of such activities as estimated by management based on current costs for the Orinduik License is as follows<sup>(1)</sup>:

Exploration Activities	Expenditure US\$	Company's share of Expenditure US\$
By June 2026		
• 2nd renewal period – Drill one further exploration well (contingent)	\$ 30,000,000	\$ 4,500,000
<b>Total</b>	<b>\$ 30,000,000</b>	<b>\$ 4,500,000</b>

**Note:** (1) Drilling Exploration activities are not currently committed and cost estimates are based on management estimates for the costs if the relevant drilling exploration activity was to be undertaken as at the date of this document.

## JHI ASSOCIATES INC.

### *Canje Block*

JHI, a private company, holds a 17.5% Working Interest in the 4,800km<sup>2</sup> Canje Exploration Block offshore Guyana. The Canje Block is operated by ExxonMobil and is held by Working Interests partners Esso Exploration & Production Guyana Limited (35%), with TotalEnergies E&P Guyana B.V. (35%), JHI Associates (BVI) Inc. (17.5%) and Mid-Atlantic Oil & Gas Inc. (12.5%).

JHI is a Guyana pure-play deepwater exploration company founded in 2011. In 2014, JHI teamed up with Guyana-based Mid-Atlantic Oil & Gas Inc. (“**MOGI**”) which was awarded the Canje Block in 2015. In 2016, ExxonMobil joined the Canje Block as Operator, and in 2018 TotalEnergies farmed into the Block. Five years of extensive technical and seismic data analysis led to the identification of multiple drillable prospects and successfully applying for a multi-well drilling permit. The 2021 multi-well exploration program on the Canje Block sought to test the extension of the prolific hydrocarbon system which has resulted in over 10 billion barrels of oil equivalent of recoverable resources being discovered in the adjacent Stabroek Block since 2015.

As announced on June 28, 2021, Eco acquired a 6.4% interest in JHI Associates Inc. with the option to increase its stake to 10% on a fully diluted basis.



On July 5, 2021, it was announced that the second well on the Canje Block, Jabillo-1, was safely drilled in 2,903 meters of water by the Stena DrillMax drillship to its planned target depth of 6,475 meters. This well tested Upper Cretaceous reservoirs in a stratigraphic trap, reached planned target depth and was evaluated but did not show evidence of commercial hydrocarbons. This well was drilled at no cost to JHI or Eco and was completed on a full carry basis.

On August 31, 2021, the Company announced that Exxonmobil has spud the Sapote-1 in the Canje Block offshore Guyana. The Sapote-1 well was drilled to test Upper Cretaceous reservoirs in a stratigraphic trap. The well was drilled approximately 255 km northeast of Georgetown, in 2,550 meters of water, and was being drilled with the Stena DrillMax drillship. The Sapote prospect lies approximately 100 km southeast of the Jabillo location and approximately 50 km north of the Haimara discovery in the Stabroek Block and approximately 60 km northwest of the Maka Central discovery in Block 58.

On November 1, 2021 the Company announced that it had received an update from JHI that ExxonMobil has successfully and safely drilled the Sapote-1 well on the Canje Block, to a depth of 6,759 meters (22,172 ft), in 2,549 meters (8,362 ft) of water. The well recorded hydrocarbon shows while drilling, and in the logging sequence, in a deeper interval than anticipated, but had no shows in the upper primary objective horizon. With sidewall coring and wireline logging complete, ExxonMobil will now work to define the reservoir properties, including porosity and permeability, and the cored samples will be analysed for hydrocarbons.

On January 19, 2022, the Company announced that it has increased its interest in JHI, through the acquisition from an arm's length third party of an additional 800,000 common shares in the capital of JHI, to 7.35% in consideration for the issuance to the arm's length party of 1,200,000 new Common Shares in Eco.

## **NAMIBIA**

### *Cooper License*

The Cooper License covers approximately 5,788 square kilometers and is located in Block 2012A offshore in the economical waters of Namibia (the "**Cooper Block**"). The Company holds a 57.5% working interest in the Cooper License, the National Petroleum Corporation of Namibia ("**NAMCOR**") holds a 10% working interest, AziNam Ltd ("**AziNam**") holds a 30.7% working interest, and Tangi Trading Enterprise cc ("**Tangi**") holds a 5% working interest. The Company and AziNam proportionally carry NAMCOR and Tangi's working interest during the exploration period.

The Company owns a 1,100 square kilometers 3D seismic survey processed and interpreted with a drilling prospect ("**Osprey**") defined.

On February 5, 2021 a new ten (10) year life cycle for the Cooper License received final governmental approval.



As of the date hereof, the Exploration Activities, and the aggregate expenditure as estimated by management based on current costs for the Cooper License is as follows<sup>(1)</sup>:

Period	Minimum Exploration Work Program	Year	Minimum Estimated Expenditure	Company's share of expenditure
Phase I	<b>WELL TARGETING</b> <ul style="list-style-type: none"> <li>• 3D Interpretation, Final Processing</li> <li>• Comparison to Learnings From wells Drilled</li> <li>• Faulting Analysis, Source Rock Interpretation</li> <li>• Reprocessing, if required, Target Definition</li> </ul>	Year 1 & 2	\$ 550,000	\$ 351,000
Phase II	<b>WELL PLANNING</b> <ul style="list-style-type: none"> <li>• Final Location Investigation, Survey, if required</li> <li>• Well Engineering Design, Well Planning and Well Engineering</li> </ul>	Year 3	\$ 1,200,000	\$ 767,000
Phase III	<b>DRILLING EXPLORATORY WELL</b> <ul style="list-style-type: none"> <li>• Completion of Contracts, Completion of Engineering</li> <li>• Final Drilling Permits, Drilling of Exploratory Well</li> </ul>	Year 4	\$ 50,000,000	\$ 31,941,000
	<b>FIRST RENEWAL EXPLORATION PERIOD (2 YEARS)</b> <i>(Optional 1-year extension)</i>			
Phase IV	<b>RESOURCE AND PRODUCTION ASSESSMENT</b> <ul style="list-style-type: none"> <li>• Based on successful well, Company will complete resource and production assessment and consider offset well</li> <li>• <i>(If exploration well is unsuccessful evaluate new 3D survey)</i></li> </ul>	Year 5	\$ 450,000	\$ 287,000
Phase V	<b>OFFTAKE PRODUCTION ENGINEERING PLANNING</b> <ul style="list-style-type: none"> <li>• Based on successful well, Company completes target assessment and begins planning and permitting for drilling of an offset production well</li> <li>• <i>(If initial exploration well is unsuccessful, define areas of primary interest, permit new 1,200 Km<sup>2</sup> 3D Survey, Estimate \$8/mm)</i></li> </ul>	Year 6	\$ 600,000	\$ 383,000
	<b>SECOND RENEWAL EXPLORATION PERIOD (2 YEARS)</b> <i>(Optional 1-year extension)</i>			
Phase VI	<b>DRILLING ASSESSMENT WELL</b> <ul style="list-style-type: none"> <li>• Based on Successful Well, Complete Planning for Assessment Well</li> <li>• Evaluate Offtake Plans Based on 2<sup>nd</sup> Well Success</li> <li>• Drill Assessment Well, Begin Offtake Engineering and Design</li> </ul>	Year 7 & 8	\$ 45,000,000	\$28,747,000

**Notes**

(1) Exploration Activities are not currently committed and cost estimates are based on management estimates for the costs if the relevant Exploration Activity was to be undertaken as at the date of this document.



### Sharon License

The Sharon License covers approximately 5,700 square kilometers and is located in Block 2213 offshore in the economical waters of Namibia (the “**Sharon Block**”). The Company holds a 56.7% working interest in the Sharon License, NAMCOR holds a 10% working interest, AziNam holds a 28.3% working interest and Titan Oil and Gas (Pty) Ltd holds a 5% working interest (“**Titan**”). The Company and AziNam proportionally carry NAMCOR and Titan’s working interest during the exploration period.

The Company owns 3,000 kilometer 2D seismic survey for the Sharon Block.

On 5 February, 2021 a new ten (10) year life cycle for the Sharon License received final governmental approval.

As of the date hereof, the remaining Exploration Activities and the aggregate expenditure as estimated by management based on current costs for the Sharon License is as follows<sup>(1)</sup>:

Period	Minimum Exploration Work Program -	Year	Minimum Estimated Expenditure	Company’s share of expenditure
Phase I	<b>SEISMIC PLANNING AND 2D SEISMIC PROGRAM</b> <ul style="list-style-type: none"> <li>• Existing 2D Interpretation</li> <li>• Seismic Planning and Complete 2D Seismic Program 1000 km</li> <li>• Processing, Interpretation</li> <li>• Comparison to Learnings other programs and wells Drilled</li> <li>• Faulting Analysis, Source Rock Interpretation</li> </ul>	Year 1 & 2	\$ 1,000,000	\$ 667,000
Phase II	<b>3D SEISMIC PLANNING AND PROGRAM CONTRACTING</b> <ul style="list-style-type: none"> <li>• 3D Contracting, Planning, Permitting, Operations 1000 km Regional Interpretation</li> </ul>	Year 3	\$ 6,200,000	\$ 4,136,000
Phase III	<b>3D PROCESSING AND INTERPRETATION</b> <ul style="list-style-type: none"> <li>• Completion of Processing</li> <li>• Interpretation and analysis</li> <li>• Well Target Selection</li> <li>• Drilling Permits</li> <li>• Drilling Contractor</li> </ul>	Year 4	\$ 1,500,000	\$ 1,001,000
	<b>FIRST RENEWAL EXPLORATION PERIOD (2 YEARS)</b> <i>(Optional 1-year extension)</i>			
Phase IV	<b>DRILLING EXPLORATORY WELL</b> <ul style="list-style-type: none"> <li>• Completion of Contracts, Completion of Engineering</li> <li>• Final Drilling Permits, Drilling of Exploratory Well</li> </ul> <b>RESOURCE AND PRODUCTION ASSESSMENT</b> <ul style="list-style-type: none"> <li>• Based on successful well, Company will complete resource and production assessment and consider offset well</li> <li>• <i>(If exploration well is unsuccessful evaluate new 3D survey)</i></li> </ul>	Year 5	\$ 40,000,000	\$ 26,682,000



Period	Minimum Exploration Work Program -	Year	Minimum Estimated Expenditure	Company's share of expenditure
Phase V	<b>OFFTAKE PRODUCTION ENGINEERING PLANNING</b> <ul style="list-style-type: none"> <li>Based on successful well, Company completes target assessment and begins planning and permitting for drilling of an offset production well</li> <li>(If initial exploration well is unsuccessful, define areas of primary interest, permit new 1,200 Km<sup>2</sup> 3D Survey, Estimate \$8mm)</li> </ul>	Year 6	\$ 600,000	\$ 400,000
	<b>SECOND RENEWAL EXPLORATION PERIOD (2 YEARS)</b> (Optional 1-year extension)			
Phase VI	<b>DRILLING ASSESSMENT WELL</b> <ul style="list-style-type: none"> <li>Based on Successful Well, Complete Planning for Assessment Well</li> <li>Evaluate Offtake Plans Based on 2<sup>nd</sup> Well Success</li> <li>Drill Assessment Well, Begin Offtake Engineering and Design</li> </ul>	Year 7 & 8	\$ 40,000,000	\$ 26,682,000

**Notes**

(1) Exploration Activities are not currently committed and cost estimates are based on management estimates for the costs if the relevant Exploration Activity was to be undertaken as at the date of this document.

*Guy License*

The Guy License covers 11,457 square kilometers and is located in Block 2111B and 2211A offshore in the economical waters of Namibia (the “**Guy Block**”). The Company holds a 47.2% working interest in the Guy License, NAMCOR holds a 10% working interest, AziNam holds a 37.8% working interest and Lotus Explorations (Pty) Ltd holds a 5% working interest (“**Lotus**”). The Company and AziNam proportionally carry NAMCOR and Lotus’ working interest during the exploration period.

The Company owns 1,000 kilometer 2D seismic survey and 870 square kilometer 3D seismic survey on the Guy Block.

On 5 February, 2021 a new ten (10) year life cycle for the Guy License received final governmental approval.

As of the date hereof, the remaining Exploration Activities and the aggregate expenditure as estimated by management based on current costs for the Guy License is as follows: <sup>(1)</sup>

Period	Minimum Exploration Work Program	Year	Minimum Estimated Expenditure	Company's share of expenditure
Phase I	<b>SEISMIC PLANNING AND 2D SEISMIC PROGRAM</b> <ul style="list-style-type: none"> <li>Existing 2D and 3D Interpretation</li> <li>Seismic Planning and Complete 2D Seismic Program 1000 km</li> <li>Processing, Interpretation</li> <li>Comparison to Learnings other programs and wells Drilled</li> <li>Faulting Analysis, Source Rock Interpretation</li> </ul>	Year 1 & 2	\$ 1,250,000	\$ 694,000



Period	Minimum Exploration Work Program	Year	Minimum Estimated Expenditure	Company's share of expenditure
Phase II	<b>3D SEISMIC PLANNING AND PROGRAM CONTRACTING</b> <ul style="list-style-type: none"> <li>3D Contracting, Planning, Permitting, Operations 1000 km Regional Interpretation</li> </ul>	Year 3	\$ 6,400,000	\$ 3,555,000
Phase III	<b>3D PROCESSING AND INTERPRETATION</b> <ul style="list-style-type: none"> <li>Completion of Processing</li> <li>Interpretation and analysis</li> <li>Well Target Selection</li> <li>Drilling Permits</li> <li>Drilling Contractor</li> </ul>	Year 4	\$ 1,500,000	\$ 833,000
	<b>FIRST RENEWAL EXPLORATION PERIOD (2 YEARS)</b> <i>(Optional 1-year extension)</i>			
Phase IV	<b>DRILLING EXPLORATORY WELL</b> <ul style="list-style-type: none"> <li>Completion of Contracts, Completion of Engineering</li> <li>Final Drilling Permits, Drilling of Exploratory Well</li> </ul> <b>RESOURCE AND PRODUCTION ASSESSMENT</b> <ul style="list-style-type: none"> <li>Based on successful well, Company will complete resource and production assessment and consider offset well</li> <li><i>(If exploration well is unsuccessful evaluate new 3D survey)</i></li> </ul>	Year 5	\$ 50,000,000	\$ 27,765,000
Phase V	<b>OFFTAKE PRODUCTION ENGINEERING PLANNING</b> <ul style="list-style-type: none"> <li>Based on successful well, Company completes target assessment and begins planning and permitting for drilling of an offset production well</li> <li><i>(If initial exploration well is unsuccessful, define areas of primary interest, permit new 1,200 Km<sup>2</sup> 3D Survey, Estimate \$8mm)</i></li> </ul>	Year 6	\$ 600,000	\$ 333,000
	<b>SECOND RENEWAL EXPLORATION PERIOD (2 YEARS)</b> <i>(Optional 1-year extension)</i>			
Phase VI	<b>DRILLING ASSESSMENT WELL</b> <ul style="list-style-type: none"> <li>Based on Successful Well, Complete Planning for Assessment Well</li> <li>Evaluate Offtake Plans Based on 2nd Well Success</li> <li>Drill Assessment Well, Begin Offtake Engineering and Design</li> </ul>	Year 7 & 8	\$ 50,000,000	\$ 27,765,000

**Notes**

- (1) Exploration Activities are not currently committed and cost estimates are based on management estimates for the costs if the relevant Exploration Activity was to be undertaken as at the date of this document.





### *Tamar License*

The Tamar License covers approximately 5,649 square kilometers and is located in Block 2211B and 2311A offshore in the economical waters of Namibia (the “**Tamar Block**”). The Company holds an 85% working interest in the Tamar Block, NAMCOR holds a 10% working interest and Moonshade Investment (Pty) Ltd holds a 5% working interest (“**Moonshade**”). The Company and AziNam proportionally carry NAMCOR and Moonshades’ working interest during the exploration period.

On 5 February, 2021 a new ten (10) year life cycle for the Tamar License received final governmental approval.

As of the date hereof, the remaining Exploration Activities and the aggregate expenditure as estimated by management based on current costs for the Tamar License is as follows: <sup>(1)</sup>

Period	Minimum Exploration Work Program	Year	Minimum Estimated Expenditure	Company's share of expenditure
Phase I	<b>SEISMIC PLANNING AND 2D SEISMIC PROGRAM</b> <ul style="list-style-type: none"> <li>• Existing 2D Interpretation</li> <li>• Seismic Planning and Complete 2D Seismic Program</li> <li>• Processing, Interpretation</li> <li>• Comparison to Learnings other programs and wells Drilled</li> <li>• Faulting Analysis, Source Rock Interpretation</li> </ul>	Year 1 & 2	\$ 1,250,000	\$ 1,250,000
Phase II	<b>3D SEISMIC PLANNING AND PROGRAM CONTRACTING</b> <ul style="list-style-type: none"> <li>• 3D Contracting, Planning, Permitting Regional Interpretation</li> </ul>	Year 3	\$ 6,400,000	\$ 6,400,000
Phase III	<b>3D PROCESSING AND INTERPRETATION</b> <ul style="list-style-type: none"> <li>• Completion of Processing</li> <li>• Interpretation and analysis</li> <li>• Well Target Selection</li> <li>• Drilling Permits</li> <li>• Drilling Contractor</li> </ul>	Year 4	\$ 1,500,000	\$ 1,500,000
	<b>FIRST RENEWAL EXPLORATION PERIOD (2 YEARS) (Optional 1-year extension)</b>			
Phase IV	<b>DRILLING EXPLORATORY WELL</b> <ul style="list-style-type: none"> <li>• Completion of Contracts, Completion of Engineering</li> <li>• Final Drilling Permits, Drilling of Exploratory Well</li> </ul> <b>RESOURCE AND PRODUCTION ASSESSMENT</b> <ul style="list-style-type: none"> <li>• Based on successful well, Company will complete resource and production assessment and consider offset well</li> <li>• (If exploration well is unsuccessful evaluate new 3D survey)</li> </ul>	Year 5	\$ 40,000,000	\$ 40,000,000



Period	Minimum Exploration Work Program	Year	Minimum Estimated Expenditure	Company's share of expenditure
Phase V	<b>OFFTAKE PRODUCTION ENGINEERING PLANNING</b> <ul style="list-style-type: none"> <li>Based on successful well, Company completes target assessment and begins planning and permitting for drilling of an offset production well</li> <li><i>(If initial exploration well is unsuccessful, define areas of primary interest, permit new 1,200 Km<sup>2</sup> 3D Survey, Estimate \$8mm)</i></li> </ul>	Year 6	\$ 600,000	\$ 600,000
	<b>SECOND RENEWAL EXPLORATION PERIOD (2 YEARS)</b> <i>(Optional 1-year extension)</i>			
Phase VI	<b>DRILLING ASSESSMENT WELL</b> <ul style="list-style-type: none"> <li>Based on Successful Well, Complete Planning for Assessment Well</li> <li>Evaluate Offtake Plans Based on 2<sup>nd</sup> Well Success</li> <li>Drill Assessment Well, Begin Offtake Engineering and Design</li> </ul>	Year 7 & 8	\$ 40,000,000	\$ 40,000,000

**Notes**

- (1) Exploration Activities are not currently committed and cost estimates are based on management estimates for the costs if the relevant Exploration Activity was to be undertaken as at the date of this document.

**SOLEAR**

Solear, a wholly owned subsidiary of Eco, is an independent renewable energy company focused on grid-scale solar development projects in southern Europe. Initial funding has been provided by Eco in the form of a shareholder loan. Solear's near term objectives are to create a portfolio of investment grade solar development assets which will attract capital for maturing through to construction and operation. The business is pursuing development assets which have the capability of providing double digit returns with low completion risk and also have the materiality to support a rapid growth of the business.

**Social Corporate Responsibility**

The Company is committed to meeting the highest standards of Environmental, Social and Governance ("ESG") practices across all aspects of the business. In the countries it operates in, Eco is dedicated to promoting sustainable growth, as well as support to local communities. Eco has begun implementing early-stage social responsibility program focused on education in Namibia and Guyana. The Company firmly believes that by providing the younger generation with the valuable skills and education tools needed to succeed, the whole economy in which it operates will benefit from growth and prosperity.

Eco's primary ESG goal is to contribute to a sustainable future for Namibia and Guyana. As the petroleum sector continues to develop in these jurisdictions, these countries will inevitably benefit from the creation of new jobs, economic growth, infrastructure development and education. Within this context, Eco will continue to demonstrate its support and participation through proactive social and corporate responsibility.

In addition, Eco seeks to contribute via Solear to the production of renewable energy to reduce the Group's net carbon emissions.



## Financial position

The Company's current operations are focused on Guyana and Namibia.

As at December 31, 2021, the Company had total assets of \$19,028,208 and a net equity position of \$16,976,538. This compares with total assets of \$16,929,177 and a net equity position of \$15,982,098 as at March 31, 2021. The Company had current liabilities of \$669,706 as at December 31, 2021, as compared with \$621,162 as at March 31, 2021.

As at December 31, 2021, the Company had working capital of \$5,128,368 compared to working capital of \$13,001,619 as at March 31, 2021. The Company had cash on hand of \$5,234,103 as at December 31, 2021, compared with \$11,807,309 as at March 31, 2021, and short-term investments of \$52,618 at December 31, 2021 compared with \$1,552,640 as at March 31, 2021.

## Environmental Regulation

The Company's activities may be subject to environmental regulations, which may cover a wide variety of matters. It is likely that environmental legislation and permitting will evolve in a manner which will require stricter standards and enforcement. This may include increased fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and a higher degree of responsibility for companies, their directors and employees.

The Company does not believe that any provision for such costs is currently required and is unable to determine the impact on its financial position, if any, of environmental laws and regulations that may be enacted in the future due to the uncertainty surrounding the form that these laws and regulations may take.

## Summarized Financial Information (in US Dollars)

	Three months ended		Nine months ended	
	December 31,		December 31,	
	2021	2020	2021	2020
<b>Revenue</b>				
Interest income	-	6,123	8,435	41,779
	-	6,123	8,435	41,779
<b>Operating expenses:</b>				
Compensation costs	128,724	173,373	712,991	486,999
Professional fees	91,355	80,280	514,378	200,694
Operating costs	660,170	255,477	1,139,962	1,105,892
General and administrative costs	121,569	138,472	430,926	367,742
Share-based compensation	2,373	33,457	14,083	88,277
Interest expense	8,828	-	19,341	-
Revaluation of warrant liability	(1,236,827)	-	(1,874,016)	-
Foreign exchange gain (loss)	(12,235)	(32,561)	40,987	(68,826)
Total operating expenses	(236,043)	648,498	998,652	2,180,778
<b>Net loss for the period</b>	<b>\$ 236,043</b>	<b>\$ (642,375)</b>	<b>\$ (990,217)</b>	<b>\$ (2,138,999)</b>



## Exploration and evaluation assets and expenditures

For oil and gas prospects not commercially viable and financially feasible, the Company expenses exploration and evaluation expenditures as incurred. Exploration and evaluation expenditures include acquisition costs of oil and gas prospects, property option payments and evaluation activities. Exploration and evaluation expenditures associated with a business combination or asset acquisition are capitalized.

Once a project has been established as commercially viable and technically feasible, related development expenditures are capitalized. This includes costs incurred in preparing the site for production operations. Capitalization ceases when the oil and natural gas reserves are capable of commercial production, with the exception of development costs that give rise to a future benefit. Exploration and evaluation expenditures are capitalized if the Company can demonstrate that these expenditures meet the criteria of an identifiable intangible asset.

## Interest income

During the three months ended December 31, 2021, the Company earned interest of nil from funds invested in interest bearing deposits with financial institutions, as compared with \$6,123 earned during the three months ended December 31, 2020.

During the nine months ended December 31, 2021, the Company earned interest of \$8,435 from funds invested in interest bearing deposits with financial institutions, as compared with \$41,779 earned during the nine months ended December 31, 2020.

The decrease in interest earned during each period reflects the decrease in average cash balances during the period as the Company used its cash reserves to finance its operations and a decrease in interest rates during the period.

## Expenses

As operator of the some of its petroleum exploration licenses, the Company bills certain partners for their respective share in certain compensation, operating and administrative expenses on our Namibian Licenses (“**JOA Recoveries**”).

## Operating costs

Operating costs include amounts spent on data acquisition, technical consulting and analysis, incurred in connection with the Company's oil and gas licenses and expenses incurred by Solear to progress its renewable energy projects

During the three months ended December 31, 2021, the Company incurred net operating costs of \$660,170 as compared to net operating costs of \$255,477 for the three months ended December 31, 2020.

During the nine months ended December 31, 2021, the Company incurred net operating costs of \$1,139,962 as compared to net operating costs of \$1,105,892 for the nine months ended December 31, 2020.

The increase in 2021 for both the three month period and nine month period ended December 31, 2021 relates primarily to increases activities in our renewables division.



## Compensation costs

Compensation costs represent amounts paid by the Company for compensation to certain members of management and non-executive directors. It further includes compensation paid to management of Solear.

During the three months ended December 31, 2021, the Company incurred compensation costs of \$128,724 as compared to \$173,373 for the three months ended December 31, 2020.

During the nine months ended December 31, 2021, the Company incurred compensation costs of \$712,991 compared to \$486,999 for the nine months ended December 31, 2020.

The increase in compensation costs in 2021 is due to the inclusion of costs relating to Solear.

Following the restructuring within Solear (as described above), the increased costs relating to Solear will no longer be incurred going forward.

## Professional fees

Professional fees represent amounts paid by the Company for professional fees provided to the Company by independent service providers.

During the three months ended December 31, 2021, the Company incurred professional fees of \$91,355 compared to \$80,280 for the three months ended December 31, 2020. The decrease in professional fees in 2021 is due to the restructuring of Solear (as described above).

During the nine months ended December 31, 2021, the Company incurred professional fees of \$514,378 compared to \$200,694 for the nine months ended December 31, 2020.

Following the restructuring within Solear (as described above), the increased costs relating to Solear will no longer be incurred going forward.

## General and administrative costs

General and administrative costs include public company charges, travel and entertainment, occupancy and general office expenditures for the Company's head office in Toronto and its regional office in Guyana, London and Namibia.

During the three months ended December 31, 2021, the Company incurred net general and administrative costs of \$121,569 as compared to \$138,472 during the three months ended December 31, 2020. The decrease during the three months ended December 31, 2021 is due to the restructuring within Solear (as described above).

During the nine months ended December 31, 2021, the Company incurred net general and administrative costs of \$430,926 as compared to \$367,742 during the nine months ended December 31, 2020. General and Administrative costs increased during 2021 as compared to 2020, primarily due to public company costs, and costs related to Solear. Following the restructuring within Solear (as described above), the increased costs relating to Solear will no longer be incurred going forward.

## Share based compensation

The share based compensation expense reflects the fair value of stock options granted to directors, officers, employees and consultants of the Company.

During the three months ended December 31, 2021, share based compensation amounted to \$2,373 as compared to \$33,457 for the three months ended December 31, 2020.

During the nine months ended December 31, 2021, share based compensation amounted to \$14,083 as compared to \$88,277 for the nine months ended December 31, 2020.



## Foreign exchange

The foreign exchange movement during the three months and nine months ended December 31, 2021, reflects the movements of the Canadian dollar, British Pound, Euro and Namibian dollar relative to the US Dollar. The Company's cash and cash equivalents and short-term investments are held primarily in US Dollars, but the Company also hold funds in in Canadian dollars, British Pounds and Euros.

## Summary of Quarterly Results

Summarized quarterly results for the past eight quarters are as follows:

	Quarter Ended			
	31-Dec-21	30-Sep-21	30-Jun-21	31-Mar-21
Total income	\$ -	\$ 3,911	\$ 4,524	\$ 5,318
Net loss for the period	\$ 236,043	\$ (400,636)	\$ (825,624)	\$ (1,540,808)
Basic loss per share	\$ 0.001	\$ (0.002)	\$ (0.004)	\$ (0.008)

	Quarter Ended			
	31-Dec-20	30-Sep-20	30-Jun-20	31-Mar-20
Total income	\$ 6,123	\$ 7,247	\$ 28,409	\$ 69,008
Net profit (loss) for the period	\$ (642,375)	\$ (691,758)	\$ (804,866)	\$ 750,017
Basic loss per share	\$ (0.005)	\$ (0.005)	\$ (0.000)	\$ 0.001

During the last six quarters, and following the drilling of two wells in Guyana, the Company, together with its partners, have been reprocessing 3D data and identifying additional targets to drill on our Guyana block. During the last four quarters, the Company has also focused its efforts on establishing our renewable solar energy division.

## Additional Disclosure for Venture Issuers Without Significant Revenue (In US Dollars)

	Three months ended December 31,		Nine months ended December 31,	
	2021	2020	2021	2020
<b>Gross expenditures on exploration and evaluation</b>				
Cooper License	\$ 206,000	\$ 107,000	\$ 457,000	\$ 371,000
Guy License	78,000	54,000	161,000	145,000
Sharon License	179,000	89,000	369,000	325,000
Tamar License	94,000	16,000	121,000	83,000
Guyana License	299,000	79,000	434,000	520,000
Total	<u>\$ 856,000</u>	<u>\$ 345,000</u>	<u>\$ 1,542,000</u>	<u>\$ 1,444,000</u>
<b>General and administrative expenses</b>				
Occupancy and office expenses	\$ 14,284	\$ 9,596	\$ 21,984	\$ 17,450
Social corporate responsibility	-	-	-	46,261
Travel expenses	-	-	28,996	27,608
Public company costs	121,910	109,529	358,552	255,304
Insurance	1,410	18,336	50,095	37,958
Financial services	3,852	2,186	11,816	6,362
Recovered under JOAs	(19,887)	(1,175)	(40,517)	(23,201)
	<u>\$ 121,569</u>	<u>\$ 138,472</u>	<u>\$ 430,926</u>	<u>\$ 367,742</u>





## Liquidity and Capital Resources

The financial statements have been prepared on a going concern basis whereby the Company is assumed to be able to realize its assets and discharge its liabilities in the normal course of operations. The financial statements do not reflect adjustments that would be necessary if the going concern assumption were not appropriate. If the going concern assumption was not appropriate for the financial statements, then adjustments of a material nature would be necessary in the carrying value of assets such as petroleum and natural gas licenses, liabilities, the reported expenses, and the balance sheet classifications used. Management continues to pursue financing opportunities for the Company to ensure that it will have sufficient cash to carry out its planned exploration program beyond the next year.

During the nine months ended December 31, 2021, the Company's overall position of cash and cash equivalents decreased by \$6,619,206, including forex differences. This decrease in cash can be attributed to the following activities:

- 1) The Company's net cash used in operating activities during the nine months ended December 31, 2021 was \$2,984,405 as compared to cash used in operating activities of \$2,363,586 for the nine months ended December 31, 2020. The increase in 2021 is as a result of the inclusion of the Solear operations.
- 2) Cash used in investing activities for the nine months ended December 31, 2021 was \$8,499,978 as compared to nil for the nine months ended December 31, 2020. In 2021, the amount related primarily to the Company's acquisition of the JHI Associates Inc. common shares, and was offset by the redemption of short term investments.
- 3) Cash generated from financing activities for the nine months ended December 31, 2021 was \$4,865,177 as compared to nil for the nine months ended December 31, 2020. In 2021, the amount related primarily to private placement completed in July 2021 and the exercise of options.

As discussed above, the Company is required to undertake specific exploration activities on each of the Company's licenses during each phase of development. (See "Overview of Operations" for information on the Company's commitments.)

The Company is currently engaged in the exploration and development of the licenses in order to assess the existence of commercially exploitable quantities of oil and gas and to determine if additional resources should be allocated to these licenses as per the work program commitments set out herein. The Company has completed the minimum exploration work required to date for each of its material licenses.

The Company has no revenue producing operations and continues to manage its costs, focusing on its higher potential licenses as described above. It may seek funding in the capital markets and may seek to pursue additional joint venture and farm-in opportunities with other suitable companies having access to capital, in order to meet its exploratory commitments and development strategy. Although the Company has been successful in raising funds to date, there can be no assurance that adequate funding will be available in the future, or available under terms favorable to the Company.



**Common Share Data** (as at February 24, 2022)

Common Shares	202,693,635
Common Share to be returned to treasury <sup>(1)</sup>	(846,992)
Options issued to directors, officers and consultants	2,070,000
RSUs granted to directors, officers and consultants	343,000
Warrants	14,945,913
Common shares outstanding on a fully diluted basis	219,205,556

- (1) In connection with the Amalgamation, the former shareholders of PAO were required to surrender for cancellation the certificates representing their PAO shares (the “Certificates”) in order to obtain Common Shares. Former shareholders of PAO had six years from January 28, 2015, being the effective date of the Amalgamation, to surrender their Certificates and to receive Common Shares (the “Conversion”), failing which their Common Shares would be cancelled. On January 28, 2021 (the “Expiry Date”) the rights to the Conversion expired. As at the Expiry Date there remained 846,992 Common Shares that were not surrendered for Conversion and which were effectively cancelled.

**Off-Balance Sheet Agreements**

As of the date of this MD&A, the Company does not have any off-balance sheet arrangements that have or are reasonably likely to have, a current or future effect on its results of operations or financial condition, including, and without limitation, such consolidations as liquidity, capital expenditure and capital resources that would be considered material to investors.

**Contractual Commitments**

*Licenses*

The Company is committed to meeting all of the conditions of its licenses including annual lease renewal or extension fees as needed.

The Company, together with its partners on each license, submit annual work plans for the development of each license, which are approved by the relevant regulator.

**Financial Instruments**

Other risks and uncertainties the Company faces at present are market risk and foreign exchange risk.

Market risk is the risk of loss that may arise from changes in interest rates, foreign exchange rates and oil and gas prices. An extended period of depressed oil and gas prices could make access to capital more difficult and the Company is dependent on capital markets to fund its exploration and ultimately, its development programs.

Foreign exchange risk arises since most of the Company’s costs are in currencies other than the Canadian dollar. Fluctuations in exchange rates between the Canadian dollar and the U.S. dollar could materially affect the Company’s financial position. Management periodically considers reducing the effect of exchange risk through the use of forward currency contracts but has not entered into any such contracts to date.



## Risks and Uncertainties

The business of exploring for, developing and producing oil and gas reserves is inherently risky. The Company is in the development stage and has not determined whether its licenses contain economically recoverable reserves. The Company's future viability is dependent on the existence of oil and gas reserves and on the ability of the Company to obtain financing for its exploration programs and development of such reserves and ultimately on the profitability of operations or disposition of its oil and gas interests.

The Company's actual exploration and operating results may be very different from those expected as at the date of this MD&A.

For a complete discussion on risk factors, please refer to the Company's Annual Information Form dated July 29, 2021, filed under the Company's profile at [www.sedar.com](http://www.sedar.com) and on the Company's website.

### COVID-19

Since January 2020, the Coronavirus outbreak has dramatically expanded into a worldwide pandemic creating macro-economic uncertainty and disruption in the business and financial markets. Many countries around the world have been taking measures designated to limit the continued spread of the Coronavirus, including the closure of workplaces, restricting travel, prohibiting assembling, closing international borders and quarantining populated areas. To date there have been minimal disruptions to the Company's operations. Despite reduced travel, the Company has been able to maintain communications and on-going operations with its partners and regulatory bodies, however, such measures present concerns that may dramatically affect the Company's ability to conduct its business effectively, including, but not limited to, adverse effect relating to negotiations and discussions with regulators, site visits, slowdown and stoppage of work, travel and other activities which are essential and critical for maintaining on-going business activities. Given the uncertainty around the extent and timing of the future spread or mitigation of COVID-19 and around the imposition or relaxation of protective measures, the Company cannot reasonably estimate the impact to its future results of operations, cash flows or financial condition; infections may become more widespread and the limitation on the ability to work and travel, as well as any closures or supply disruptions, may be extended for longer periods of time and to other locations, all of which would have a negative impact on the Company's business, financial condition and operating results. In addition, the unknown scale and duration of these developments have macro and micro negative effects on the financial markets, oil prices and the global economy which could result in an economic downturn that could have a material adverse effect on its operations and financial results, earnings, cash flow and financial condition. To mitigate some of these risks, the Company has taken steps to reduce its cash burn by reducing compensation to officers, directors and consultants.



## Transactions between Related Parties and Balances

Parties are considered to be related if one party has the ability, directly or indirectly, to control the other party or exercise significant influence over the other party in making operating and financial decisions. This would include the Company's senior management, who are considered to be key management personnel by the Company.

Parties are also related if they are subject to common control or significant influence. Related parties may be individuals or corporate entities. A transaction is considered to be a related party transaction when there is a transfer of resources or obligations between related parties.

Fees for management services and operating costs paid to directors and officers or private companies which are controlled by directors or officers of the Company were as follows:

The following are the expenses incurred with related parties for the nine months ended December 31, 2021 and 2020 and the balances owing as of December 31, 2021 and 2020:

December 31, 2021:

	Directors Fees	Consulting Fees	Stock based awards	Option based awards	Total	Amounts owing at December 31, 2021
<b>Executive Directors</b>						
Gil Holzman - CEO	\$ -	\$ 313,458	\$ -	\$ -	313,458	\$ 34,829
Colin Kinley - COO (*)	-	\$ 414,782	-	-	414,782	46,087
Alan Friedman - Executive Vice President	-	30,558	-	-	30,558	3,304
Gadi Levin - Financial Director	-	70,200	-	-	70,200	7,800
<b>Non Executive Directors</b>						
Moshe Peterberg - Chairman of the board	91,800	-	-	-	91,800	30,600
Keith Hill	18,315	-	-	-	18,315	2,035
Peter Nicol	27,989	-	-	-	27,989	3,110
Helmut Angula	15,263	-	-	-	15,263	1,696
<b>Officers</b>						
Alan Rootenberg - CFO	-	8,550	-	-	8,550	950
<b>Total</b>	<b>\$ 153,367</b>	<b>837,548</b>	<b>\$ -</b>	<b>\$ -</b>	<b>990,915</b>	<b>\$ 130,410</b>

(\*) Included in Consulting fees to Mr. Kinley is \$135,000 in fees paid for technical services provided by Kinley Exploration LLC, a Company controlled by Mr. Kinley.

December 31, 2020:

	Directors fees	Consulting fees	Share based awards	Option based awards	Total	Amounts owing at December 31, 2020
<b>Executive Directors</b>						
Gil Holzman - CEO	\$ -	\$ 218,746	\$ -	\$ -	\$ 218,746	\$ 18,284
Colin Kinley - COO (*)	-	310,806	-	-	310,806	36,385
Alan Friedman - Executive Vice President	-	28,631	-	-	28,631	-
Gadi Levin - Financial Director	-	67,999	-	-	67,999	-
<b>Non Executive Directors</b>						
Moshe Peterberg - Chairman of the board	91,800	-	-	-	91,800	30,600
Keith Hill	17,357	-	-	-	17,357	5,786
Peter Nicol	26,355	-	-	-	26,355	8,785
Helmut Angula	14,464	-	-	-	14,464	4,821
<b>Officers</b>						
Alan Rootenberg - CFO	-	8,496	-	-	8,496	-
<b>Total</b>	<b>\$ 149,976</b>	<b>\$ 634,678</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 784,654</b>	<b>\$ 104,661</b>

(\*) Included in Consulting fees to Mr. Kinley is \$135,000 in fees paid for technical services provided by Kinley Exploration LLC, a Company controlled by Mr. Kinley.



## Critical Accounting Estimates

The Company's critical accounting estimates are defined as those estimates that have a significant impact on the portrayal of its financial position and operations and that require management to make judgments, assumptions and estimates in the application of IFRS. Judgments, assumptions and estimates are based on historical experience and other factors that management believes to be reasonable under current conditions. As events occur and additional information is obtained, these judgments, assumptions and estimates may be subject to change. The Company believes the following are the critical accounting estimates used in the preparation of its consolidated financial statements. The Company's significant accounting policies can be found in Note 3 of the Company's Financial Statements.

### Use of estimates

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized prospectively from the period in which the estimates are revised. The following are the key estimate and assumption uncertainties considered by management.

#### *Impairment of assets*

When there are indications that an asset may be impaired, the Company is required to estimate the asset's recoverable amount. The recoverable amount is the greater of value in use and fair value less costs to sell. Determining the value in use requires the Company to estimate expected future cash flows associated with the assets and a suitable discount rate in order to calculate present value.

#### *Stock Based Compensation*

The Company uses the fair value method, utilizing the Black-Scholes option pricing model, for valuing warrants and stock options granted to directors, officers, consultants and employees. The estimated fair value is recognized over the applicable vesting period as stock-based compensation expense. The recognized costs are subject to the estimation of what the ultimate payout will be using pricing models such as the Black-Scholes model which is based on significant assumptions such as volatility, dividend yield and expected term.

#### *Income Taxes*

At the end of each reporting period, the Company assesses whether the realization of deferred tax benefits is sufficiently probable to recognize deferred tax assets. This assessment requires the exercise of judgment on the part of management with respect to, among other things, benefits that could be realized from available income tax strategies and future taxable income, as well as other positive and negative factors. The recorded amount of total deferred tax assets could be reduced if estimates of projected future taxable income and benefits from available income tax strategies are lowered, or if changes in current income tax regulations are enacted that impose restrictions on the timing or extent of the Company's ability to utilize deferred tax benefits.

The Company's effective income tax rate can vary significantly quarter-to-quarter for various reasons, including the mix and volume of business in lower income tax jurisdictions and in jurisdictions for which no deferred income tax assets have been recognized because management believed it was not probable that future taxable profit would be available against which income tax losses and deductible temporary differences could be utilized. The Company's effective income tax rate can also vary due to the impact of foreign exchange fluctuations.



## Disclosure Controls and Procedures and Internal Controls over Financial Reporting

Management has established processes to provide it with sufficient knowledge to support representations that it has exercised reasonable diligence to ensure that (i) the consolidated financial statements do not contain any untrue statement of material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it is made, as of the date of and for the periods presented by the consolidated financial statements, and (ii) the consolidated financial statements fairly present in all material respects the financial position, results of operations and cash flows of the Company, as of the date of and for the periods presented.

In contrast to the certificate required for non-venture issuers under National Instrument 52-109 – *Certification of Disclosure in Issuers' Annual and Interim Filings* (“**NI 52-109**”), the Venture Issuer Basic Certificate does not include representations relating to the establishment and maintenance of disclosure controls and procedures (“**DC&P**”) and internal control over financial reporting (“**ICFR**”), as defined in NI 52-109. In particular, the certifying officers filing this certificate are not making any representations relating to the establishment and maintenance of:

- 1) controls and other procedures designed to provide reasonable assurance that information required to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation; and
- 2) a process to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with the issuer's GAAP (IFRS).

The issuer's certifying officers are responsible for ensuring that processes are in place to provide them with sufficient knowledge to support the representations they are making in the certificate. Investors should be aware that inherent limitations on the ability of certifying officers of a venture issuer to design and implement on a cost-effective basis DC&P and ICFR as defined in NI 52-109 may result in additional risks to the quality, reliability, transparency and timeliness of interim and annual filings and other reports provided under securities legislation.

### Additional Information

Additional information relating to the Company, the Company's quarterly and annual consolidated financial statements, annual information form, technical reports and other disclosure documents, are available on the System for Electronic Document Analysis and Retrieval (SEDAR) website at [www.sedar.com](http://www.sedar.com).