Moores Rowland

INDEPENDENT ASSURER REPORT

PT DHARMA SATYA NUSANTARA Tbk
SUSTAINABILITY REPORT

For The Year 2024

No. of Report : 0425/BD/0038/JK
Date : April 30, 2025

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Moores Rowland

Jakarta, April 30, 2025

No. : 0425/BD/0038/JK
Subject : Report of the Independent Assurer for Sustainability Reporting PT Dharma Satya Nusantara Tbk year 2024

To:
Board of Directors
PT Dharma Satya Nusantara Tbk
GRHA DSN
Jl. Pulo Ayang Kav. OR 3
Kawasan Industri Pulogadung, Jatinegara
Jakarta Timur 13930
Indonesia

Dear Board of Directors,

In accordance with our Sustainability Assurance Service, we hereby submit our report on the Sustainability Reporting of PT Dharma Satya Nusantara Tbk (DSNG) for the year 2024.

The results of our Assurance Process, indicate that there are no material errors or deviations in the DSNG Sustainability Report 2024.

More detailed descriptions and explanations of the results of our Assurance are contained in the Report of the Independent Assurer, which we attach herewith.

We sincerely thank the Board of Directors of PT Dharma Satya Nusantara Tbk for their cooperation and assistance in enabling us to carry out our Sustainability Assurance Service.

Yours very truly,

PT Moores Rowland Indonesia

James Kallman
Chief Executive Officer

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ASSURANCE STATEMENT

Moores Rowland

Independent Assurance Statement

Report No. 0425/BD/0037/JK

To the Management of PT Dharma Satya Nusantara Tbk,

We were engaged by PT Dharma Satya Nusantara Tbk ('DSNG') to provide assurance in respect to its Sustainability Report 2024 ('the Report'). The assurance engagement was conducted by our multidisciplinary team with relevant experience in sustainability reporting.

Independence

We carried out all our assurance undertakings with independence and autonomy having not been involved in the preparation of any key part of the Report, nor did we provide any services to DSNG during 2024 that could conflict with the independence of the assurance engagement.

Assurance Standards

Our work was carried out in accordance with ISAE3000 'Assurance Engagements other than Audits or Reviews of Historical Financial Information,' issued by the International Auditing and Assurance Standards Board. This standard requires that we comply with ethical requirements and plan and perform the assurance engagement to obtain limited assurance.

Level of Assurance

By designing our evidence-gathering procedures to obtain a limited level of assurance based on ISAE3000, readers of the report can be confident that all risks or errors have been reduced to a very low level, although not necessarily to zero.

Scope of Assurance

The scope of our work was restricted to assessing the accuracy and quality of the Report and to evaluate whether the following selected sustainability information complied with GRI Standards 2021 criteria in relation to the agreed scope, which comprised:

- Occupational health and safety
- GHG emission
- Water, energy and waste management
- Gender equality
- Materiality assessment process
- Key performance indicator of Asian Development Bank (ADB) regarding FSC (Forest Stewardship Council) certification, farmer extension service and water conservation.

Responsibility

DSNG is responsible for the preparation of the Report and all the information and claims therein, which include established sustainability management targets, performance management, data collection, etc. In performing this assurance engagement, meanwhile, our responsibility to the management of DSNG was solely for the purpose of verifying the statements it has made in relation to its sustainability performance, specifically as described in the selected information, and expressing our opinion on the conclusions reached.

Methodology

In order to assess the veracity of certain assertions and the specified data sets included within the report, as well as the systems and processes used to manage and report them, the following methods were employed during the engagement process:

- Review the report, internal policies, documentation, management and information systems.

- Interview relevant staff involved in sustainability-related management and reporting.
- Follow data trails to the initial aggregated source in order to check the data samples to a greater depth.

Limitations

Our scope of work was limited to a review of the accuracy and reliability of selected sustainability performance-related information. It was not designed to detect all weaknesses in the internal controls over the preparation and presentation of the Report, as the engagement was not performed continuously throughout the period, and the procedures performed were undertaken on a test basis.

Conclusions

Based on the procedures performed and the evidence obtained, nothing has come to our attention that causes us to believe that the Report has not been properly prepared and presented, in all material respects. We confirm that the selected sustainability information was complied with GRI Standards 2021.

All key assurance findings are included herein, while detailed observations and follow-up recommendations have been submitted to DSNG management in a separate report.

Jakarta, April 30, 2025

James Kallman
Chief Executive Officer

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With more than 65,000 professionals operating in 120 countries across the globe, each sharing the same values and sense of responsibility, Praxity is served by Moores Rowland in Indonesia, one of the leading sustainability assurance providers.

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INDEPENDENT ASSURER REPORT

INDEPENDENT ASSURER REPORT

1. INTRODUCTION

PT Moores Rowland Indonesia (MRI) was commissioned by PT Dharma Satya Nusantara Tbk (hereinafter referred to as "DSNG") to implement Sustainability Reporting Assurance services on their Sustainability Report of 2024 (hereinafter referred to as the "Report").

MRI is a unique player in audit and assurance, accounting, tax, legal, advisory and sustainability services in Indonesia. We offer flexible, tailored solutions for multinational firms, large national firms and SMEs, as well as government organizations, donor agencies and non-governmental organizations (NGOs).

Moores Rowland Indonesia is a member of Praxity AISBL, the world's largest Alliance of independent and unaffiliated accounting and audit firms. This global alliance allows us to access the skills and expertise of some 16,500 professionals in 120 countries around the world, all of whom are committed to the same high ethical standards and technical skills. In Asia, we provide services for clients in China, India, Indonesia, Japan, Korea, Malaysia, Pakistan, Philippines, Singapore, Thailand and Vietnam.

In our Jakarta and Bali offices, we have 284 highly skilled and dedicated professionals, serving a wide range of multi-sector clients that include:

- Large Indonesian companies: 30 listed clients that at times account for more than 50% of the daily trading volume on the Indonesia Stock Exchange
- SMEs, subsidiaries of large international groups
- NGOs, government organizations, bilateral and multilateral aid agencies

MRI is a promoter of the whole concept of sustainability reporting with a proven track record of providing consultancy to both business executives and government officials on what responsible sustainability reporting actually entails. MRI is also licensed as an assurance provider by AccountAbility (UK).

Moreover, from our established links within Praxity, we draw on the experience and expertise of our counterpart professionals around the world, thus offering a wealth of advantages, particularly for companies such as DSNG with a global footprint.

2. COMPETENCE, INDEPENDENCE AND RESPONSIBILITY

2.1. Competence

The assurance process was carried out by the MRI assurance team whose members come from a variety of educational backgrounds and have extensive experience in Sustainability Assurance, consisting of:

1. **James Kallman**; (Engagement Leader): practising American Certified Public Accountant (ACPA) with 30 years of experience in the audit field.

2. **Ali Rahmadi** (Technical Advisor): Master's degree, with more than 30 years experience as an auditor and consultant in various industries including banking, manufacturing and oil, plus audit projects of international donor agencies. He is qualified as a Certified Sustainability Reporting Specialist (CSRS), Certified Sustainability Reporting Assurer (CSRA) and GRI Standards Certified Trainer.

3. **Dendi Trisnadi** (Manager): Bachelor's degree, with more than 20 years experience as a consultant and auditor. He is a Certified Sustainability Reporting Specialist (CSRS) and passed a Certified GRI Standards Training Course.

4. **Ade Irma Kurnia** (Team Member): Bachelor's degree, with 10 years experience as a consultant and auditor. He passed a Certified GRI Standards Training Course.

2.2 Independence

The assurance process was conducted independently. With the exception of providing specific comments on the Report and recommendations for improvements, as part of the assurance process, MRI was not involved in the commissioning of the DSNG report.

MRI had no relations with DSNG over the period of 2024 that could lead to conflicts of interest or endanger its independence in the provision of assurance services.

2.3 Responsibility

DSNG is responsible for all the information and statements (assertions) contained in the Report, including establishing performance targets for sustainability and corporate social responsibility (CSR), as well as data collection and Report preparation.

MRI's responsibility in providing the assurance, which is addressed to the management of DSNG, is to verify the Report, especially in relation to the sustainability performance information agreed between MRI and DSNG, as stated in the scope of work. As the Assurer, MRI's responsibility is to express its conclusions based on the assurance process.

3. SCOPE, METHODOLOGY AND RESTRICTIONS

3.1 Scope

Our scope of work was to assess the accuracy and quality of sustainability performance information contained in the report including DSNG's subsidiary, which is a business unit in palm oil and wood products and to evaluate whether the following selected sustainability information complied with GRI Standards 2021 criteria in relation to the agreed scope.

Below is the sustainability information that has been assured:

Topic Materiality Assured	DSNG Disclosure in SR 2024	Page
Occupational health and safety	Table of achievements with zero fatal work accidents: - Occupational Safety Management for Palm Oil Business Unit and Wood Product Business Unit - Occupational Safety Performance Achievements for DSNG Employee	95
	Occupational Health Safety Program: DSNG has established an HSE Department responsible for implementing measurable occupational health and safety (OHS) programs. These programs include hazard identification, risk assessment, prevention measures, control implementation (HIRADC), safety training, risk monitoring, regulatory compliance reporting, and emergency response drills. All programs are carried out in accordance with OHS regulations and continuously improved through innovation to enhance workplace safety and health standards. These efforts are further strengthened by cross-departmental collaboration.	92-94
Energy Consumption	Total energy consumption within the company (giga joule): 1. Total non-renewable energy consumption 4,199,551 GJ (36%) 2. Total renewable energy consumption 7,337,274 GJ (64%).	69
	The company calculates energy consumption intensity as the ratio of total energy use to production volume in each business unit: 1. Energy intensity DSNG 1.14 GJ/Rupiah Billion 2. Energy intensity Panel 22.01 GJ/m^3 3. Energy intensity Floor 2.08 GJ/m^2 4. Energy intensity Palm Oil Units 12.43 GJ/Ton CPO.	70

Topic Materiality Assured	DSNG Disclosure in SR 2024	Page
Water consumption management	1. The target of water use intensity in Palm Oil mill units was 1.1 m^3/ton of FFB processed in 2024. The water use intensity in 2024 was 0.98 m^3/ton FFB processed, decreasing by 0.32 m^3/ton FFB processed compared to the water use intensity in 2023. In the Panel and Floor Wood Products Business Unit, the intensity of water use was 0.45 m^3/panel production and 0.08 m^3/floor production. 2. BOD and COD quality (mg/L) for POME in the table of Wastewater Treatment Quality Measurement Results for the Palm Oil Business Unit: 1. Biological Oxygen Demand/BOD: 3,571 mg/L 2. Chemical Oxygen Demand/COD: 10,146 mg/L	71-73
	3. Total volume of water withdrawal by source in 2024 (m^3): 1. Palm Oil Units 3,798,751 m^3 2. WP Panel 52,641 m^3 3. WP Floor 57,980 m^3 4. Head Office 37,506 m^3 4. Total water consumption in 2024: 1. Palm Oil Units 2,465,883 m^3 2. WP Panel 51,762 m^3 3. WP Floor 57,980 m^3 4. Head Office 37,506 m^3 5. Total Group Consumption 2,613,131 m^3	71
Waste management	Solid waste in metric tons (t) DSNG: 1. Hazardous waste: a. Other processing options 85.61 t 2. Non-hazardous waste: - Recycled Waste 921,579.47 t - Other Processing Options 368.21 t - Total Non-Hazardous Waste 921,947.68 t	76
GHG emission	1. GHG emission intensity, calculated using the RSPO GHG Calculator methodology (in 2024) totalled 1.06 tCO_2e/Ton CPO with details of 0.63 tCO2e/ton CPO Palm Oil Mill (PKS), 1.017 tCO2e/ha fertilisation, and 0.0047 tCO2e/ton FFB transportation.	61-67

Topic Materiality Assured	DSNG Disclosure in SR 2024	Page
	2. Progress against climate action plan commitments to reduce greenhouse gas emissions intensity is set out in the Sustainability Report.	
Gender equality and training development	Diversity monitoring, we describe in SR 2024 Community Pillar, Diversity Management and Human Resources Competence Development - Total number of employees in 2024 by gender and work location - Number of new employees in 2024 by gender, age group and work location - Number of employees leaving the company by gender and position - Gender pay ratio by employment status (between women and men) - Employe development - Diversity and inclusion in the workplace - Women's rights protection programme.	82-86, 89-91
Governance	Materiality assessment process: 1. Identification and review of material topics (industry benchmarking, internal consultation, and topic identification based on GRI, SPOTT, and CSA standards) 2. Stakeholder engagement (internal and external surveys) 3. Stakeholder consultation (SEF event) 4. Validation and approval.	23-24
KPI 2 ADB: FSC Certification (cumulative)	Cumulative number of farmers receiving support to achieve FSC Forest Management certification in 2024: 7 farmer groups, 3 in Temanggung and 4 in Banjarnegara totaling 150 farmers received FSC certification support.	25 & 40
KPI 3 ADB: Farmer Extension Services (cumulative)	Number of farmers receiving extension services by 2024: In 2024, 341 farmers will receive specialised training, including 86 women farmers.	25 & 40
	Number of women farmers receiving extension services in 2024 - In 2024, 341 farmers will receive specialized training, including 86 women farmers	25 & 40

Topic Materiality Assured	DSNG Disclosure in SR 2024	Page
KPI 4 ADB: Water Conservation	Volume of ground water usage (in m^3, in 2024) Table water data in boiler facility, log pond 5ft, sand log pond 9ft at DSN WP Panel Business Unit: 1. Groundwater usage volume 31,623 m^3	72
	Volume of discharged water (in m^3, in 2024) Table water data in boiler facility, log pond 5ft, and log pond 9ft at DSN WP Panel Business Unit: 1. Discharged water volume 5,616 m^3	72

3.2 Methodology

In conducting our assurance process, we used a variety of approaches to assess the claims, assertions, and the data presented in the Report in accordance with the scope agreed for this assurance assignment. We also assessed the systems and procedures for managing and reporting the data. The methods we applied include:

- Reviewing reports, policies, documentation and management information systems
- Conducting face-to-face interviews with members of the staff/officials associated with the management of sustainability
- Testing data and supporting documents on a random basis.

3.3 Restrictions

- The scope of the assurance carried out was restricted to a review of the reliability and accuracy of the data provided by conducting face-to-face interviews with DSNG staff responsible for the preparation and processing of the data, including staff related to the sustainability performance information.
- We did not visit DSNG’s field of operations to perform data validation on its sustainability performance there.

4. STANDARD AND LEVEL

The assurance was implemented in accordance with ISAE3000 "Assurance Engagements other than Audits or Reviews of Historical Financial Information," issued by the IAASB.

We carried out the assurance at a limited level in accordance with ISAE3000. The level aims to satisfy users of the Report that any risk and errors therein have been reduced to as low a level as possible, but not that the statements are necessarily free from all risk or error.

5. FINDINGS AND RECOMENDATIONS

We evaluated the reliability of the data and specific sustainability performance information that has been defined in the agreement for the provision of assurance services. The detailed findings and recommendations are shown in Appendix 1.

The specific sustainability performance information is that which we have agreed with DSNG for inclusion in the scope of the assurance process.

Data and specific information cover the following areas:

- Occupational health and safety
- GHG emission
- Water, energy and waste management
- Gender equality
- Materiality assessment process
- Key performance indicator of Asian Development Bank (ADB) regarding FSC (Forest Stewardship Council) certification, farmer extension service and water conservation.

Selection of the specific information is based on the consideration of the materiality and assumed usefulness for the various parties using this Independent Assurance Report.

Conclusion

Based on the assurance process we carried out in respect to the specific information, we did not find any material misstatement or deviation in DSNG's Sustainability Report for the year 2024.

PT Moores Rowland Indonesia

James Kallman
Chief Executive Officer

LIST OF FINDINGS & RECOMMENDATIONS

Appendix 1: List of Finding and Recommendation

1. GRI Standards 2021 review on selected sustainability information

Based on our review for selected topic disclosures, our recommendations are as follows:

GRI Standards	Page	Recommendation	Management Response
- 305-1 Direct (Scope 1) GHG emissions - 305-2 Energy indirect (Scope 2) GHG emissions - 305-3 Other indirect (Scope 3) GHG Emissions - 305-4 GHG emissions Intensity	66	DSNG should disclose the categorized GHG emissions and emission intensity under Scope 1, Scope 2, and Scope 3, as required by GRI Disclosure 305	'SR 2024 - Page 66 - GHG emissions Group level emission calculation scheduled in 2026 GHG Intensity Calculation Calculation based on RSPO's PalmGHG Calculator"'

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