Natta Building Company Ltd

(Incorporating Natta Plant Ltd for the purpose of emission calculations)

DIRECTORS REPORT for the Year Ended 31st Mar 2024

Greenhouse gas emissions. Energy consumption and energy efficiency action

Summary GHG Emissions and Action Report

Natta have continued to progress with GHG emissions data collection and continued also to develop and roll out new initiatives to deliver ongoing emissions reductions.

Natta intend to be a Sector leader in GHG emissions reductions over the next 5 years.

Scope	23/24 tCO2e	22/23 tCO2e	Key Components
Scope 1	**3068.7**	3434	Project site fossil fuel, transport, biomass HO heating, fugitive emissions
Scope 2	**41.3**	24	HO purchased Grid Electricity (increase in 23/24 reflects increased EV grid charging in period)
Scope 3	**5.5**	4.7	HO Grid T&D losses, train travel & HO water supply, hotels,
Scope 3 (I)	**Not reported**	-	Emissions associated with materials purchased, wastes & other downstream emissions – were not reported in this period.

Intensity Ratio

Scope 1&2 GHG emissions Intensity ratio:

Reporting Period	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
Intensity ratio tCO2e: £1M turnover	55.4	54.08							

GHG Emissions Reduction Target Ambitions

Natta has registered with the Science Based Targets Initiative (SBTi) SME scheme and have now adopted reduction targets in line with the SBTi SME programme, of a 42% reduction in CO2 emissions by 2030 compared to a 2022/23 base year. This report is therefore the 1st report since that baseline was set.

Reporting Period	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
SBTi period	2022	2023	2024	2025	2026	2027	2028	2029	2030
SBTi Target: Scope 1&2 only tCO2e	3458 (baseline)	3276	3095	2913	2732	2550	2369	2187	2006
Emission tCO2e	3458	3110							
Performance	Baseline year	Target on track							

Business GHG Emissions Reduction Projects (II)

Project	Detail	Status
EV's	15 BEV staff company cars and 5 BEV vans deployed to date (removing 20 ICE cars/vans from the fleet).	**FLEET CONVERSION UNDERWAY**
BEV chargers	20 no. EV chargers installed at HO, are able to utilise excess Solar PV daytime power.	**OPERATIONAL**
Site cabins Solar power	In-house developed PV/Battery system to power site cabins R&D prototype installed at end of this period and now fully operational. Measurement of fossil fuel saved will made after 1st full year of operation.	**PROTOTYPE SUCCESSFULLY COMMISSIONED & OPERATIONAL**

Site Cabins Solar Power	Roll out of further Solar + Wind + Battery Site cabin power systems is now in progress, Components for 4 no. units are on order	**PRODUCTION UNITS BUILD WIP**
HO Solar PV	100kW solar PV installed at HO and generating @40% of HO power requirement	**PROJECT OPERATIONAL**
Solar PV	40kW additional Solar PV, aiming to increase PV generated power to @50% of HO power requirement	**PROJECT COMMENCED**
HO Biomass	Biomass HO space heating, displacing the need for fossil Gas	**PROJECT OPERATIONAL**
Plant telemetry	Install telemetry monitoring and idling data systems on >90% of Excavators, dumpers, loaders & dozers	**80% current coverage, increase as Fleet updated**
Plant 'Next Generation' fuels	Continual review of available technology for next-generation fuels and Plant, and plan for conversion when commercially viable, or as soon as requested by clients	**Medium Term Ambition (& necessary to achieve the 42% 2030 GHG reduction target)**

Energy Summary

Item	Unit	31.03.2024	31.03.2023	31.03.2022	31.03.2021
Grid electricity purchased (excl. T&D losses)	kWh	179,424	140,840	203,738	207,186
Generated PV power at HO (estimate)	kWh	70,000 (est.) saved	70,000 (est.) saved	Not recorded	Not recorded
Generated Solar PV & Wind at Projects Sites (2024 onwards):	kWh	0	0	0	0
Fossil fuel Gasoil used in site plant	Litres kWh	901,496 9,555,858	1,038,282	1,298,005[III]	688,332[III]
Road fuel (DERV & fuel cards, excl. mileage claims)	Litres kWh	187,203 1,967,505	173,049	224,830[III]	205,410[III]
kWh conversion of all energy used (grid electricity, fossil fuels, natural gas, biomass, scope 1 mileage claims). Excludes self-generated renewables & scope 3.	kWh	13,593,374	-	-	-

Calculation Methodology

Calculation Methodology is as set out in the HM Government Environmental Reporting Guidelines, Including Streamlined Energy and Carbon Reporting Guidance, dated March 2019.

- **Input Data Source**: Natta accounts purchasing data 2023/24
- **Conversion factors**: UK GOV published GHG emissions conversion factors for the year 2023.

Organisation Boundary

The boundaries of the GHG inventory are defined using the operational control approach. In general, the emissions reported are the same as those which would be reported based on a financial control boundary.

However, it is critical to note that the emissions report encompasses the Companies: Natta Building Ltd & Natta Plant Ltd, as fossil use between these two entities cannot be separated – Natta Plant provides plant & fuel for use by Natta Building on Projects, and this contributes >90% of the emissions reported. Natta Building & Natta Plant share the same ownership structure.

Notes:

[I]: Other scope 3 emissions not reported

[II]: This is not an exhaustive list, other initiatives and projects are underway and planned.

[III]: Figures taken from previous SECR report (reported previously as 'kWh' quoted as using a '3.3' conversion factor from the original litres quantity – This has been reconverted back to litres in this report by dividing the previous figures by 3.3)