



Eisai Europe Limited

Streamlined Energy and Carbon Reporting

FY 2020



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Prepared by
 **SUSTAINABLE
ADVANTAGE**

An intelligent approach to energy, waste & sustainability

Introduction

This report presents the results of Streamlined Energy and Carbon Reporting (SECR) for Eisai Europe Limited (Eisai). Data was assessed and the report provided by Sustainable Advantage.

The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 implement the government's latest policy on SECR. SECR replaced the Carbon Reduction Commitment Energy Efficiency Scheme (CRC) in April 2019. This new framework aims to simplify energy and carbon reporting requirements while still ensuring companies have the information required to understand and reduce emissions.

Company Information

Eisai Europe Limited (Company Number: 05268420¹) is a Private Limited Company, incorporated on 25th October 2004, registered at; European Knowledge Centre, Mosquito Way, Hatfield, Herts, AL10 9SN.

Approach

The UK Government's environmental reporting guidance on how to measure and report greenhouse gas emissions² has been used, along with the provided greenhouse gas reporting figures for the relevant year³. The financial control approach has been used to define the scope boundary².

Reporting Period

The reporting period is 1st April 2020 to 31st March 2021, aligning with the financial year.

Base Year

A base year of 1st April 2019 to 31st March 2020 has been used, corresponding to the last reporting period, as this is the earliest year for which reliable data was recorded and measured. The base year has been recalculated due to a greater than 5% change in emissions, and now includes further Scope 3 data to be compared against the current reporting period. Intensity ratios have also been recalculated to include only Scope 1 and 2 emissions, excluding Scope 3 emissions to account for further changing Scope 3 calculations.

The recalculation policy is to recalculate the base year emissions only for relevant significant changes which meet the threshold of affecting 5% of base year emissions.

Operational Scopes

Scope 1, scope 2 and partial scope 3 emissions have been included within this report. All activities reported upon are based within the UK.

- Scope 1 emissions consist of natural gas usage within the sites, diesel used for generators, LPG used on site, CO₂ used for research and development, R134a F Gas used in engineering, and diesel and petrol used for company vehicles.
- Scope 2 consists of electricity usage within the sites and from EV charging points.

- Scope 3 emissions are classified into 15 categories of both upstream and downstream emissions. Certain categories have been excluded this reporting period due to difficulty of data collection, however, may in future be included within the reporting.

Table 1 shows the breakdown of carbon emissions, in tonnes of carbon dioxide equivalent (tCO₂e) respectively, by scope and specific area, with comparison to the base year.

Table 1 - Breakdown of consumption and carbon emissions by scope, with comparison to the base year, for the current reporting period 1st April 2020 to 31st March 2021.

		FY 19 tCO ₂ e	FY 20 tCO ₂ e	% Change
Scope 1		1,949.6	2,052.7	+5%
Natural Gas		1,827.3	1,933.2	+6%
Other		122.2	119.5	-2%
Scope 2		1,685.6	1,617.6	-4%
Electricity*		1,685.6	1,617.6	-4%
Scope 3		4,068.6	789.7	-81%
Upstream	Cat 1. Purchased Goods & Services	8.3	7.7	-7%
	Cat 2. Capital Goods†	-	-	-
	Cat 3. Fuel & Energy-Related Activities	412.6	392.1	-5%
	Cat 4. Transportation & Distribution†	-	-	-
	Cat 5. Waste	20.9	20.9	0%
	Cat 6. Business Travel	2,360.3	8.7	-100%
	Cat 7. Employee Commuting	1,259.8	360.4	-71%
	Cat 8. Leased Assets†	-	-	-
Downstream	Cat 9. Transportation & Distribution	6.8		
	Cat 10. Processing of Sold Products†	-	-	-
	Cat 11. Use of Sold Products†	-	-	-
	Cat 12. End-of-Life Treatment of Products†	-	-	-
	Cat 13. Leased Assets†	-	-	-
	Cat 14. Franchises†	-	-	-
	Cat 15. Investments†	-	-	-
Gross Total		7,703.8	4,459.9	-42%
Renewable Electricity		(1,829.1)	(1,756.7)	-4%
Net Total		5,874.7	2,703.2	-54%

*Location-based approach. †Excluded for FY 2019.

Electricity

Electricity purchased for own use or consumption: 6,938,298 kWh

Renewable electricity generated from owned or controlled sources: 6,938,298 kWh

Eisai recognise that the company's primary responsibility is to reduce emissions as far as possible. However, as Eisai work towards responsible consumption practices, to mitigate any impact, a green tariff for renewable electricity has been purchased from EDF (Renewable for Business 100%). This tariff is certified under the independent certification scheme based on Ofgem's Final Green Supply Guidelines. Every unit of renewable energy purchased with EDF comes with its own Renewable Energy Guarantee of Origin (REGO) certificate. This means there are no associated carbon emissions from electricity, reducing the carbon footprint by 1,756.7 tCO₂e, of which 139.1 tCO₂e are from associated upstream emissions.

Intensity Ratio & Target

An overall intensity ratio has been measured of gross scope 1 and scope 2 emissions per m². Although electricity is sourced through renewable energy contracts, location-based grid average emissions have been used to calculate intensity ratios.

The FY 2019 target was to reduce absolute gross scope 1 and scope 2 emissions in tCO₂e by 5%. The actual change in emissions from FY 2019 to FY 2020 was an increase of 1%. This was due to interruptions of carbon reduction initiatives due to the COVID-19 pandemic.

The chosen emissions reduction target from FY 2020 to FY 2021 is to reduce the overall intensity ratio by 2.5%. The target is now based upon intensity ratios to improve performance, rather than allow for spurious improvements due to changes in operations that could arise from the COVID-19 pandemic. Table 2 shows the overall intensity ratio and target, as well as predicted tCO₂e if gross floor area were to remain the same.

Table 2 - Overall intensity ratio, target, and predicted tCO₂e, with comparison to the base year. Intensity ratios are presented as tCO₂e/m².

Base Year (FY 2019)		FY 2020		Target (FY 2021)	
tCO ₂ e	Intensity Ratio	tCO ₂ e	Intensity Ratio	Predicted tCO ₂ e	Intensity Ratio
3,635.1	0.139	3,670.2	0.140	3,486.7	0.133

Carbon Reduction Initiatives

Eisai Europe Ltd were required to comply with ESOS Phase 2. The following actions have been taken within the current reporting period in line with ESOS Phase 2 recommendations:

- A site chiller upgrade project to improve the efficiency of chillers. This began in the last reporting period and is scheduled as a 2-to-5-year programme, so is ongoing within the current reporting period.
- Electric vehicle charging points have been installed on site, allowing staff to charge electric vehicles whilst at work. This began in the previous reporting period and was completed in this reporting period.

- Burners have been upgraded on boilers throughout the site which have greater efficiencies, reducing the gas required per boiler. This began in the previous reporting period and was completed in this reporting period.
- Lighting in the main building has been upgraded to more efficient LED lighting.

References

1. <https://find-and-update.company-information.service.gov.uk/company/05268420>
2. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/850130/Env-reporting-guidance_inc_SECR_31March.pdf
3. <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2020>

Appendix

For further information, please contact emea-comms@eisai.net.