



CO₂ progress report and energy action plan

NIPPON EXPRESS (NEDERLAND) B.V.

January 01, 2023 until December 31, 2023

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1. Introduction

Nippon Express (Nederland) BV and Nippon Express Eurocargo BV have been committed to sustainability for years and has chosen to introduce the CO₂ performance ladder, a certification scheme developed in the Netherlands. This is a concrete way of shaping the ambitions that Nippon Express Holdings Inc.(mother company) at Tokyo, Japan, has to realize its objective in the field of sustainability. The preparation of the periodic reporting is part of the steering cycle within the energy management system that has been introduced in the context of the CO₂ performance ladder. This control cycle is described in the quality management plan. This periodic report has been drawn up by the energy manager and the head of KAM and contains the following aspects following the CO₂ performance ladder requirements: Introduction, description of the organization, responsibilities, base year, reporting period, verification, organizational boundaries, current calculation method and conversion factors, changes calculation method, exclusions, absorption of CO₂, biomass, recalculation of base year and historical data, direct and indirect emissions and uncertainties.

2. Basic information

2.1. Description of the organization

Nippon Express (Nederland) BV is a subsidiary of Nippon Express Europe GmbH based in Germany, which in turn is a subsidiary of Nippon Express Co.Ltd of Tokyo, Japan. As from 1 January 2022, Nippon Express Co. Ltd is part of Nippon Express Holdings Inc. listed on the Tokyo Stock Exchange.

Nippon Express Co.Ltd was established in 1937 as the first forwarding company in Japan. At first the main focus was on the internal Japanese market but around 1970 the operation expanded to the international market by opening subsidiaries around the world. Currently Nippon Express Co.Ltd of Tokyo is recognized as a major player in the field of transport and warehousing offering transportation services by all modalities (road, air, sea and rail) as well as tailor made warehousing solutions for well recognized, international, operating companies with all kind of products.

Nippon Express Eurocargo BV is a daughter company of Nippon Express (Nederland) BV and is offering transport services by own trucks and forwarding services by arranging the national and international trucking using third party carriers.

Currently Nippon Express (Nederland) BV and Nippon Express Eurocargo BV are the employers of approximately 600 fixed staffs and a large number of temporary staffs. This number is a variable based on business demand.

2.2. Responsible

Name	Actors
NIPPON EXPRESS (NEDERLAND) B.V.	<i>Responsible:</i> Francois Zuijderhoudt <i>Responsible PDCA cycle:</i> Jos van Ravesteijn <i>Responsible assessment:</i> Jos van Ravesteijn
Bosporusstraat 10, 3199 LJ Rotterdam-Maasvlakte	<i>Responsible:</i> Christos Labropoulos
Cessnalaan 24, 1119 NL - Schiphol	<i>Responsible:</i> Ferry van Hooven
Conakryweg 2a, 1047 HS Amsterdam-Westpoort	<i>Responsible:</i> Ferry van Hooven
Contour Avenue 31, 2133 LD Hoofddorp	<i>Responsible:</i> Martin Schenkels
Dardanellenstraat 90, 3199 KZ Rotterdam-Maasvlakte	<i>Responsible:</i> Christos Labropoulos
Industrieweg 15 , 2254 AE Voorschoten	<i>Responsible:</i> Norbert Bayer
Nieuwesluisweg 100, 3197 KV Rotterdam-Botlek	<i>Responsible:</i> Ferry van Hooven
Nippon Express Eurocargo BV	<i>Responsible:</i> Paul La Grouw
Rietgraaf 2b, 6678 PJ Oosterhout (Gld.)	<i>Responsible:</i> Rene Frank
Willem Barentszstraat 27, 3165 AA Rotterdam-Albrandswaard	<i>Responsible:</i> Rene Frank
Willem Barentszstraat 41, 3165 AA Rotterdam-Albrandswaard	<i>Responsible:</i> Rene Frank

Name	Actors
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard	<i>Responsible:</i> Rene Frank

2.3. Base year

Name	Default reference year
Bosporusstraat 10, 3199 LJ Rotterdam-Maasvlakte	2018
Cessnalaan 24, 1119 NL - Schiphol	2018
Conakryweg 2a, 1047 HS Amsterdam-Westpoort	2021
Contour Avenue 31, 2133 LD Hoofddorp	2021
Dardanellenstraat 90, 3199 KZ Rotterdam-Maasvlakte	2018
Industrieweg 15 , 2254 AE Voorschoten	2018
Nieuwesluisweg 100, 3197 KV Rotterdam-Botlek	2022
Nippon Express Eurocargo BV	2018
Rietgraaf 2b, 6678 PJ Oosterhout (Gld.)	2021
Willem Barentszstraat 27, 3165 AA Rotterdam-Albrandswaard	2019
Willem Barentszstraat 41, 3165 AA Rotterdam-Albrandswaard	2018
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard	2018

2.4. Reporting period

January 01, 2023 until December 31, 2023

2.5. Verification

The CO₂ footprint has been verified by an institution approved for this purpose.

3. Demarcation

3.1. Organizational boundaries

Name	Description	Consolidation percentage
Bosporusstraat 10, 3199 LJ Rotterdam-Maasvlakte Branch <i>Chamber of commerce or project number: 34047815</i>	Logistics location , Single client warehouse	100%
Cessnalaan 24, 1119 NL - Schiphol Branch <i>Chamber of commerce or project number: 34047815</i>	Warehousing, multi-client warehouse	100%
Conakryweg 2a, 1047 HS Amsterdam-Westpoort Branch <i>Chamber of commerce or project number: 34047815</i>	Multi-client warehouse. Rented multi-tenant facility.	100%
Contour Avenue 31, 2133 LD Hoofddorp Branch <i>Chamber of commerce or project number: 34047815</i>	Forwarding activities (Air & Ocean), removals	100%
Dardanellenstraat 90, 3199 KZ Rotterdam-Maasvlakte Branch <i>Chamber of commerce or project number: 34047815</i>	Warehousing, single client warehouse	100%
Industrieweg 15 , 2254 AE Voorschoten Branch <i>Chamber of commerce or project number: 34047815</i>	Warehousing , multi client warehouse	100%
Nieuwesluisweg 100, 3197 KV Rotterdam-Botlek Branch <i>Chamber of commerce or project number: 34047815</i>	Warehousing activities. Multi client warehouse Rented facility.	100%
Nippon Express Eurocargo BV Legal entity <i>Chamber of commerce or project number: 34070051</i>	Transport company by own vehicles and forwarding agent to arrange transport using third party carriers	100%
Rietgraaf 2b, 6678 PJ Oosterhout (Gld.) Branch <i>Chamber of commerce or project number: 34047815</i>	Single client warehouse. Rented facility.	100%

Name	Description	Consolidation percentage
Willem Barentszstraat 27, 3165 AA Rotterdam-Albrandswaard Branch <i>Chamber of commerce or project number: 34047815</i>	Warehousing activities. Multi client warehouse Rented facility.	100%
Willem Barentszstraat 41, 3165 AA Rotterdam-Albrandswaard Branch <i>Chamber of commerce or project number: 34047815</i>	Warehouse activities, Multi client warehouse Rented facility , Gas and electricity consumption figures become available yearly in April for the year before.	100%
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard Branch <i>Chamber of commerce or project number: 34047815</i>	Warehousing activities , multi-client warehouse. Part of office space is used by Forwarding operation (ocean)	100%

3.2. Organization changes

In this report, we have made significant updates to provide a comprehensive and sustainable analysis compared to last year (2022).

We have included the solar production figures from the PV installation on the roof of our Hoofddorp facility, which started operations in May 2022, and we have improved the sustainability aspect by providing comprehensive solar green energy data for the Hoofddorp facility, covering 2023, where it was previously not accounted for during the initial 5 months of the previous year.

Additionally, in light of the Botlek facility becoming operational in August 2022, we did not have emissions data for the first 7 months of 2022. But starting from August 2022, we have collected and incorporated the CO2 emissions data in the current report. Therefore, the report now includes the complete CO2 data for 2023.

In response to the COVID-19 pandemic, business travel by air was not considered in the 2022 report due to minimal numbers; however, in the current report, we have included the emission source data for business travel by air for this year, providing a more comprehensive analysis of our environmental impact.

3.3. CO₂ award projects

No award advantages have been received / were applicable for projects

3.4. Current calculation method and conversion factors

All calculation methods and conversions are mentioned in Smartrackers application

3.5. Changes in calculation method

No changes in calculation method compared to previous year

3.6. Exclusions

No exclusions to report.

3.7. Absorption of CO₂

This is not applicable for our situation.

3.8. Biomass

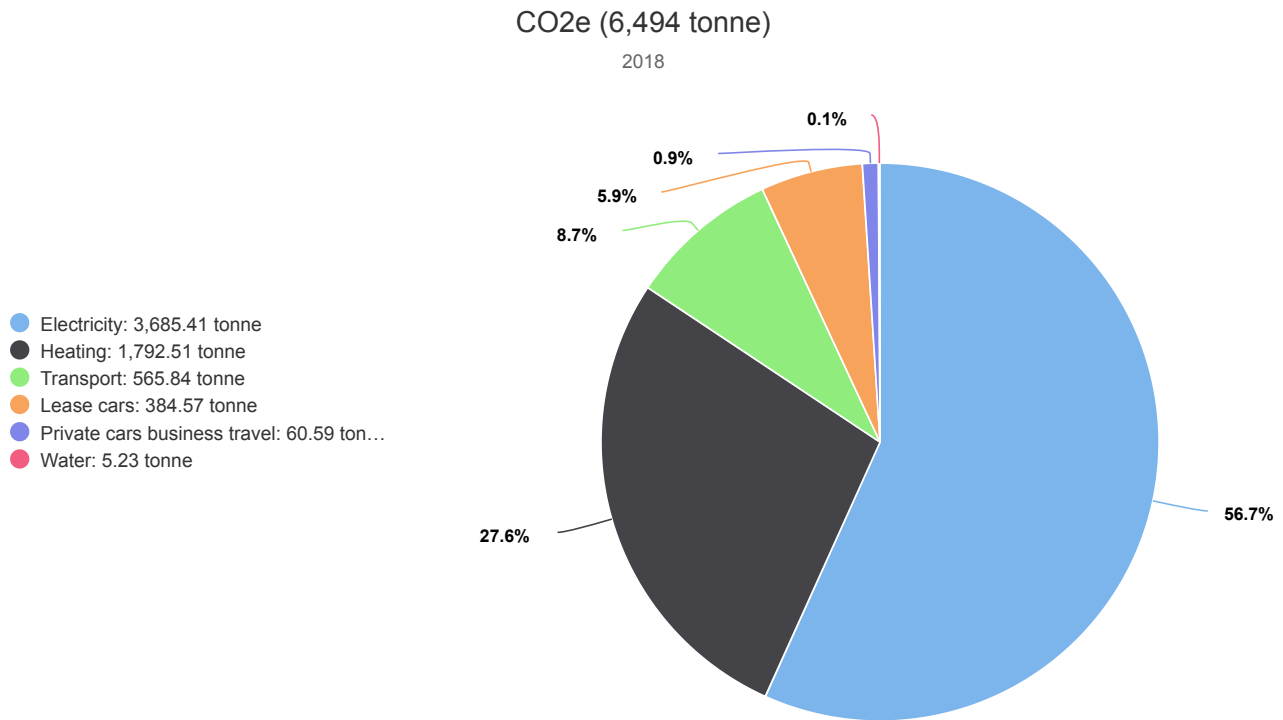
This is not applicable for our situation.

3.9. Uncertainties

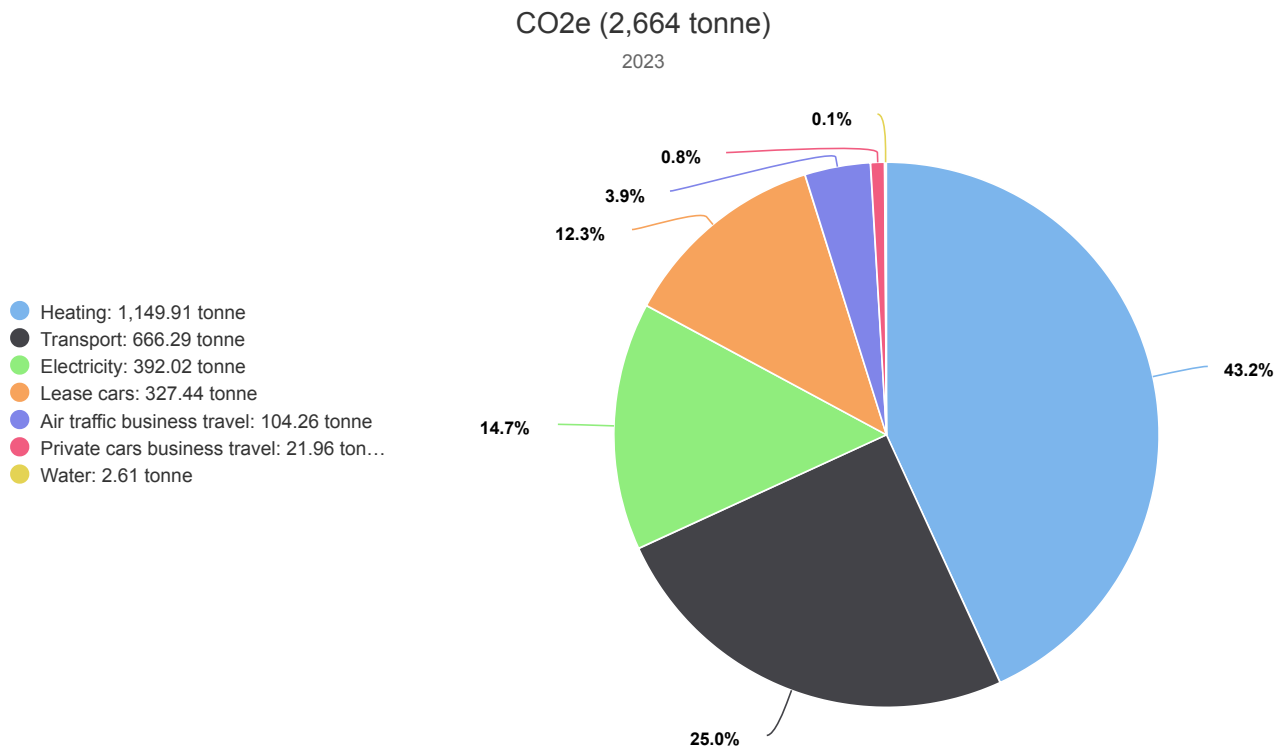
No uncertainties to report

4. CO₂ emissions

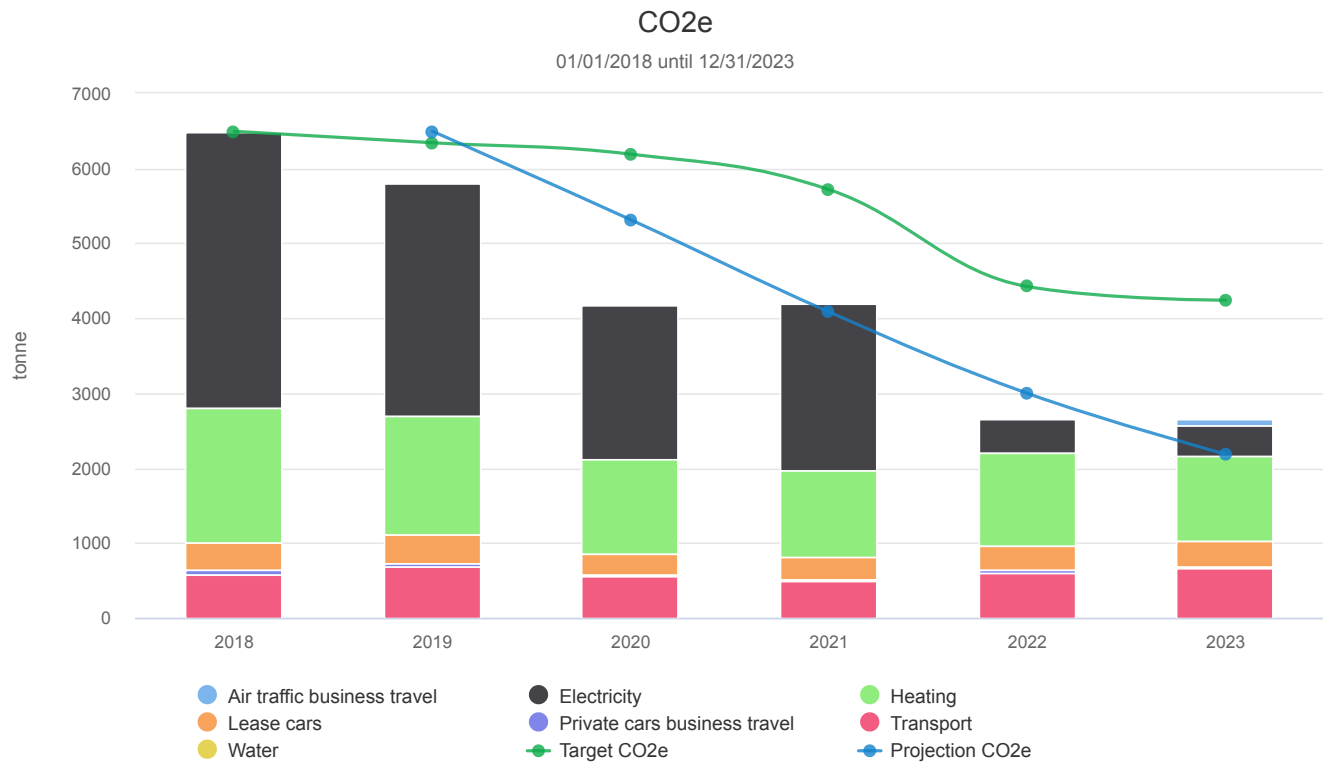
4.1. Footprint base year scope 1 & 2



4.2. CO₂ footprint reporting period



4.3. Trend over the years by category



CO2e (tonne)	2018	2019	2020	2021	2022	2023
Air traffic business travel						104
Electricity	3,685	3,118	2,058	2,213	457	392
Heating	1,793	1,572	1,246	1,170	1,230	1,150
Lease cars	385	396	281	286	329	327
Private cars business travel	61	50	25	27	35	22
Transport	566	672	555	490	600	666
Water	5	3	5	3	2	3
Total	6,494	5,810	4,170	4,190	2,654	2,664
Target CO2e	6,494	6,342	6,189	5,715	4,422	4,240
Projection CO2e		6,494	5,313	4,082	2,995	2,184

4.4. Goals

Target CO2e Group NIPPON EXPRESS (NEDERLAND) B.V.

For year	Reference year	Electricity	Lease cars	Public transportation for business travel	Private cars business travel	Transport	Heating
2020	2018	-5%	0%	0%	-5%	-5%	-5%
2021	2018	-15%	-4%	0%	-5%	-5%	-10%
2022	2018	-50%	-5%	0%	-5%	-5%	-10%

For year	Reference year	Electricity	Lease cars	Public transportation for business travel	Private cars business travel	Transport	Heating
2025	2018	-62%	-15%	0%	-7%	-10%	-12%
2030	2018	-85%	-25%	0%	-10%	-20%	-15%

4.5. Progress reduction measures

Reduce the fuel / diesel consumption of our leased cars (Approved)

By improving the energy labels or change to electricity driven / hybride vehicles the energy consumption will be reduced

Effects

Gauges	Kind	Effect starts on	Effect
NIPPON EXPRESS (NEDERLAND) B.V. / Diesel consumption	Relative to 2019	01/01/2020	-5%
NIPPON EXPRESS (NEDERLAND) B.V. / LPG consumption		02/01/2023	-10%
NIPPON EXPRESS (NEDERLAND) B.V. / Petrol consumption			

Change the purchase of electricity from current (grey) to green electricity (Approved)

Change the purchase of electricity to "green"

Effects

Gauges	Kind	Effect starts on	Effect
Bosporusstraat 10, 3199 LJ Rotterdam-Maasvlakte / Electricity consumption grey	Relative to 2018	01/01/2022	-50%
Cessnalaan 24, 1119 NL - Schiphol / Electricity consumption grey		01/01/2023	-75%
Conakryweg 2a, 1047 HS Amsterdam-Westpoort / Electricity consumption grey		12/31/2029	-85%
Contour Avenue 31, 2133 LD Hoofddorp / Electricity consumption grey			
Dardanellenstraat 90, 3199 KZ Rotterdam-Maasvlakte / Electricity consumption grey			
Industrieweg 15, 2254 AE Voorschoten / Electricity consumption grey			
Nieuwesluisweg 100, 3197 KV Rotterdam-Botlek / Electricity consumption grey			
Rietgraaf 2b, 6678 PJ Oosterhout (Gld.) / Electricity consumption grey			
Willem Barentszstraat 27, 3165 AA Rotterdam-Albrandswaard / Electricity consumption grey			
Willem Barentszstraat 41, 3165 AA Rotterdam-Albrandswaard / Electricity consumption grey			
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard / Electricity consumption grey			

Gauges	Kind	Effect starts on	Effect
Bosporusstraat 10, 3199 LJ Rotterdam-Maasvlakte / Electricity consumption Green Sun	Relative to 2018	01/01/2022	50%
Cessnalaan 24, 1119 NL - Schiphol / Electricity consumption Green Sun		01/01/2023	75%
Conakryweg 2a, 1047 HS Amsterdam-Westpoort / Electricity consumption Green Sun		12/31/2029	85%
Contour Avenue 31, 2133 LD Hoofddorp / Electricity consumption Green Sun			
Dardanellenstraat 90, 3199 KZ Rotterdam-Maasvlakte / Electricity consumption Green Sun			
Industrieweg 15 , 2254 AE Voorschoten / Electricity consumption Green Sun			
Rietgraaf 2b, 6678 PJ Oosterhout (Gld.) / Electricity consumption Green Sun			
Willem Barentszstraat 27, 3165 AA Rotterdam-Albrandswaard / Electricity consumption Green Sun			
Willem Barentszstraat 41, 3165 AA Rotterdam-Albrandswaard / Electricity consumption Green Sun			
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard / Electricity consumption Green Sun			

Reduce consumption of natural gas (In preparation)

Renewing the facade for WB44

Effects

Gauges	Kind	Effect starts on	Effect
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard / Natural gas consumption	Relative to 2022	06/01/2023	-7.5%

Reduce consumption of natural gas (In preparation)

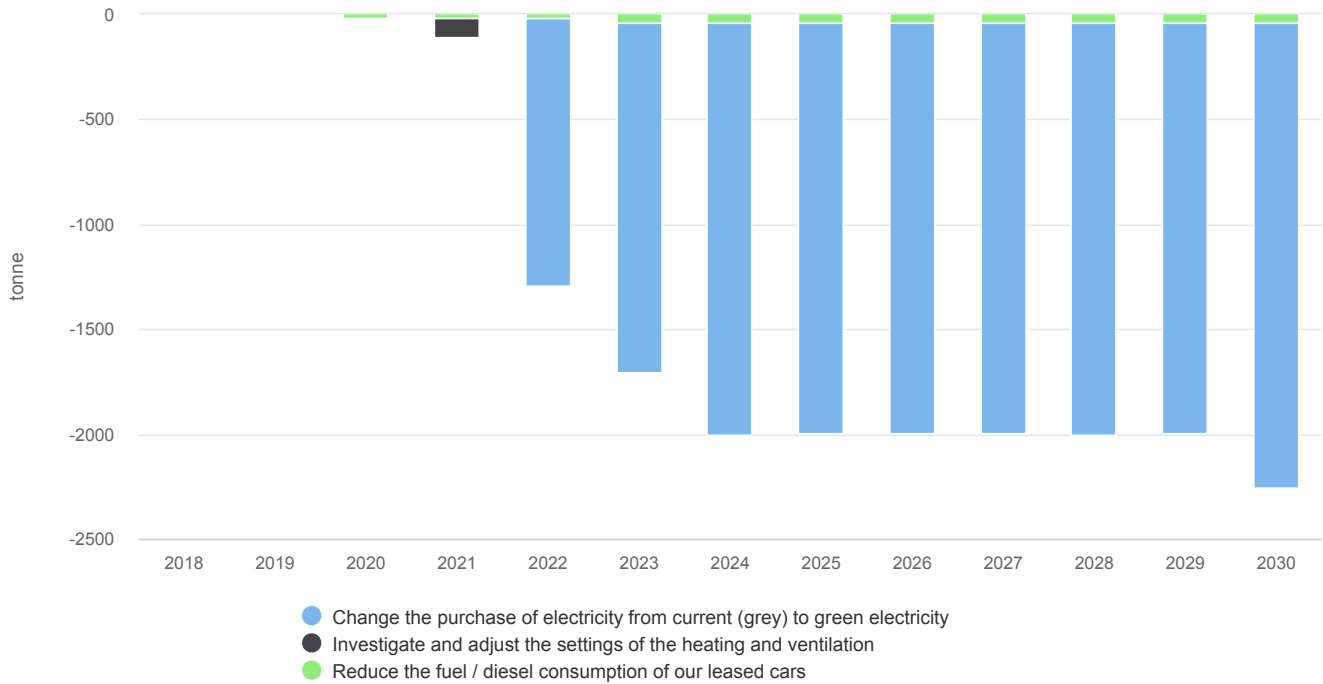
Responsible	Ömer Kalyoncu
Registrar	Ömer Kalyoncu

Effects

Gauges	Kind	Effect starts on	Effect
Bosporusstraat 10, 3199 LJ Rotterdam-Maasvlakte / Natural gas consumption	Relative to 2022	08/01/2023	-10%
Cessnalaan 24, 1119 NL - Schiphol / Natural gas consumption			
Dardanellenstraat 90, 3199 KZ Rotterdam-Maasvlakte / Natural gas consumption			
Industrieweg 15 , 2254 AE Voorschoten / Natural gas consumption			
Nieuwesluisweg 100, 3197 KV Rotterdam-Botlek / Natural gas consumption			
Rietgraaf 2b, 6678 PJ Oosterhout (Gld.) / Natural gas consumption			
Willem Barentszstraat 27, 3165 AA Rotterdam-Albrandswaard / Natural gas consumption			
Willem Barentszstraat 41, 3165 AA Rotterdam-Albrandswaard / Natural gas consumption			
Willem Barentszstraat 44-48, 3165 AB Rotterdam-Albrandswaard / Natural gas consumption			

Maatregelen CO2

01/01/2018 until 12/31/2030



4.6. Employee contribution

No comments found

5. Initiatives

NIPPON EXPRESS (NEDERLAND) B.V. Club van 49

We became member of " de club van 49 " in order to share knowledge and ideas with other companies with the target to reduce the CO2 emitting.

We also wish to share the best practices how to reduce the consumption of fossile fuels.

Methodologies	Start date	End date
CO2	11/01/2020	
Participation		
https://clubvan49.nl/		