

ENVIRONMENTAL STATEMENT 2024

Including 2023 performance data

Environmental Statement 2024

Including 2023 performance data

December 2024



Environmental Statement 2024 - Including 2023 performance data

© European Investment Bank, 2024.

All rights reserved.

All questions on rights and licensing should be addressed to publications@eib.org

European Investment Bank
98 -100, boulevard Konrad Adenauer
L-2950 Luxembourg

In nature, no organism exists without some relation to another one. Oxpeckers nourish themselves on the parasites they clean from the fur of a giraffe. A clownfish shelters among the tentacles of an anemone, while fertilising it with its waste. Plovers clean the teeth of the Nile crocodile and, in doing so, feed themselves. The covers of our reports highlight these symbiotic, natural relationships this year, because they mirror the different levels on which each European Investment Bank project operates. When we finance infrastructure or innovation, we seek also to ensure that the project bolsters climate action or environmental sustainability. By investing in startups or green energy, our public finance encourages private investment that might otherwise have been withheld. In a world where humanity seems so often to be at odds with itself, we hope these images of natural collaboration will inspire readers to cross boundaries and build new partnerships.

Photo credits: Shutterstock

Authorisation to reproduce or use these photos must be requested from the copyright holder.

For further information on the EIB's activities, please consult our website, www.eib.org.

You can also contact our info Desk, info@eib.org. Get our e-newsletter at www.eib.org/sign-up

Published by the European Investment Bank.

Printed on FSC® Paper.

Contents

- About this document v
- About the EIB Groupvi
- 1 Description of the EIB Group’s Environmental Management System (EMS)..... 1**
 - 1.1 About EMAS1
 - 1.2 Context and Purpose of the EIB Group’s EMS1
 - 1.3 Scope of the EMAS registration1
 - 1.4 Environmental policy5
 - 1.5 Governance of the EMS6
 - 1.6 Environmental aspects and impact.....7
- 2 Programme objectives, targets and actions..... 10**
 - 2.1 Objectives and Targets10
 - 2.2 Actions12
- 3 Environmental performance indicators 18**
 - 3.1 Energy18
 - 3.2 Material: paper consumption.....21
 - 3.3 Water consumption22
 - 3.4 Waste production23
 - 3.5 Greenhouse gas emissions24
- 4 Biodiversity 28**
- 5 Legal requirements 30**
- 6 Communications 31**
- Annex I — EMAS validation 32**
- Annex II — Methodological assumptions 33**
 - Headcount33
 - Buildings.....33
 - Mobility.....34
- Annex III: List of operating permits 36**

About this document

In accordance with our Environmental Management System (EMS) and [EMAS Environmental Policy](#), the EIB Group publishes environmental statements on an annual basis. This environmental statement provides all stakeholders and other interested parties with information concerning the environmental performance and activities of the European Investment Bank (EIB) Group in 2023.

It is the seventh environmental statement produced by the EIB Group to be validated under the EU Eco-Management and Audit Scheme (EMAS). Having first achieved EMAS registration in late 2018, the EIB Group published its first environmental statement in April 2019, followed by the second, third, fourth, fifth and sixth statements in June 2019, November 2020, October 2021, October 2022 and September 2023, respectively. The scope of the EMS previously covered only the EKI building and mobility.

This year the EIB Group has expanded the scope of the system covered by the EMAS registration by adding in four new buildings. The Group has chosen to report its environmental performance on a calendar-year basis to align with the reporting period for its carbon footprint. See [EIB Group Environmental Statement 2023 and previous editions](#).

This document has been drafted in accordance with the EMAS standard, including Annexes I, II and III, which have been amended to reflect the revised ISO 14001:2015 standard. The data contained in this environmental statement relate to the reporting year 1 January to 31 December 2023.

An update to the environmental statement will be published mid-2025, while the next main environmental statement is planned to be published mid-2027.



About the EIB Group

The EIB Group consists of the European Investment Bank (EIB) and the European Investment Fund (EIF).

The EIB is the European Union's financing arm. It is one of the world's largest multilateral borrowers and lenders. Based in Luxembourg, the Bank has a network of local and regional offices in Europe and beyond.

The [EIF](#) supports small businesses by improving their access to finance in Europe and a number of non-EU countries. The EIF designs and develops venture and growth capital, guarantees and microfinance instruments to promote innovation and employment.

EIB Global is the international development arm of the EIB. It is committed to financing climate action, innovation and sustainability around the world.

1 Description of the EIB Group's Environmental Management System (EMS)

1.1 About EMAS

EMAS was established by the European Commission to help organisations evaluate, report on and ultimately improve environmental performance.

EMAS is fully compatible with, and largely based on, the ISO 14001 EMS, but has additional requirements including the need to conduct an initial environmental review, report on a set of core indicators and publish the environmental statement.



1.2 Context and Purpose of the EIB Group's EMS

In 2018, the EIB Group successfully implemented an Environmental Management System (including Green Public Procurement) in accordance with the EMAS Regulation. The EMS is registered under Regulation (EC) No 1221/2009 of the European Parliament and of the Council, which includes any subsequent regulation amendments¹.

The EMAS framework enables the EIB Group to monitor, evaluate, report on and continually improve its internal environmental performance in a holistic manner. This includes a broad range of areas, including not only the reduction of greenhouse gas emissions, but also the use of energy and water and the production of waste, among other objectives. As the EU climate bank, much attention has been paid to our own internal greenhouse gas emissions².

Implementing an appropriate EMS enables the EIB Group to better understand its direct environmental aspects and impact within the scope of the system. Furthermore, the EMAS implementation reinforces systematic environmental review processes to develop environmental objectives and targets, and to better determine environmental aspects and impact in the future.

In the context of [EIB Group Climate Bank Roadmap](#)³ (CBR) over the period 2021-2025, the GCS Climate Programme led by our Group Corporate Services (GCS) Directorate aims to align the EIB Group's own operations with the goals of the Paris Agreement by pursuing a science-based target methodology that defines an emissions abatement pathway to keep the rise in global temperature below 1.5°C. The carbon reduction target in absolute emissions is 12.4% by 2025 as compared to 2018 emissions and the GCS Climate Programme defines the projects, measures and initiatives to achieve this target.

1.3 Scope of the EMAS registration

The EMS's scope has been determined to encompass the EIB Group's direct internal environmental management and is not intended to address the indirect impact and aspects of EIB Group financing and advisory activities.

In determining the scope of the EMS, the EIB Group considered the context within which the organisation operates in Luxembourg, its compliance obligations, the needs and expectations of relevant stakeholders, and the level of control and influence of activities resulting in actual or potential environmental risks and impact.

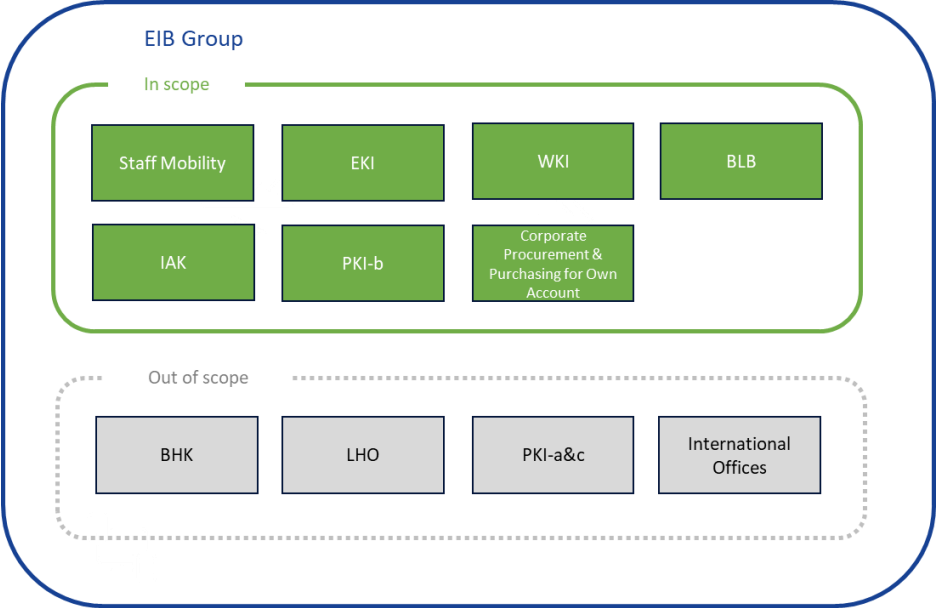
The EIB Group's NACE code is 99.001 (European Union organisation).

¹ Amendments to the Regulation include Council Regulation (EU) No 517/2013, Commission Regulation (EU) 2017/1505, Commission Regulation (EU) 2018/2026, and Commission Regulation (EU) 2023/1199.

² The EIB Group has been measuring the carbon footprint of its internal activities since 2007.

³ Approved in November 2020, the CBR details how we aim to support the objectives of the European Green Deal and sustainable development beyond Europe by accelerating the transition through green finance, ensuring a just transition for all and supporting Paris aligned operations.

Figure 1: Scope of the EIB Group’s EMS



The diagram above illustrates the buildings of the EIB Group’s headquarters in Luxembourg in scope of the EMAS registration, and aspects within the scope of the EIB Group’s EMS, which is defined to include **all technical and administrative activities which support the core business, carried out within the above in-scope buildings.**

Previously, the scope of the EIB Group’s EMAS registration covered only the activities carried out in the EKI building, staff mobility and all the corporate procurement activities for own account. As a demonstration of continual improvement and to align more closely to the scope of other Group sustainability reporting boundaries, the EIB Group has expanded the EMAS scope for the 2023 reporting period to include all the activities carried out in the WKI, BLB, IAK and PKI-b buildings, in addition to EKI. This scope expansion increased the relative number of EIB Group employees within the scope of the EMAS registration for 2023 from 22% to 73%. The environmental performance and activities presented in this environmental statement cover all buildings within the scope.

The EMAS registration will gradually be expanded to more buildings. However, the EMAS registration does not preclude that activities in other non-EMAS registered buildings are applied with the same level of environmental standards. Staff engagement and improvement of skillsets in the area of environmental knowledge also apply to all staff, irrespective of their location, as well as procurement activities for own account.

The EIB Group additionally reports on its carbon footprint annually, for all EIB Group’s buildings in Luxembourg. [Carbon Footprint Report 2023](#)

Buildings in scope of the EMAS registration

East Building (EKI)

The East building is owned by the EIB Group, with a surface area of 72 500 m² spread over ten storeys. The 11 000 m² double-layered glass façade is 35 metres high and 170 metres long, suspended from specially designed curved steel beams. As of 31 December 2023, a total of 1 085 EIB Group staff were based in the EKI building. The site is rated BREEAM⁴ Excellent — the first building to achieve such a post-construction rating in continental Europe.

Located at 96-98 boulevard Konrad Adenauer, the site primarily comprises office space, meeting rooms, multiple large atria, a canteen and service areas, including kitchens, a plant room and loading bays.

West Building (WKI)

The West building is a historic building owned by the EIB Group that has been operated and occupied since 1980 for the main building and 1995 for the extension. WKI served as the site for the EIB Group’s headquarters before

⁴ BREEAM: Building Research Establishment Environmental Assessment Method.

moving to EKI. The 55 794 m² gross floor area is spread across two blocks, with five above-ground floors and four basement floors. The exterior envelope has been classified as protected heritage by the City of Luxembourg since 2017. As of 31 December 2023, a total of 1 481 EIB Group staff were based in the WKI building.

Located at 100 boulevard Konrad Adenauer, the site primarily comprises office space, meeting rooms, gym space, a swimming pool, a car park and green space.

BLB Building

The BLB building is a traditional construction building rented and 100% occupied by the EIB Group. The 20 723 m² gross floor area is spread across four above-ground floors and three basement floors. As of 31 December 2023, a total of 197 EIB Group staff were based in the BLB building.

Located at 3 rue Jean Monnet, the site primarily comprises office space, meeting rooms, a canteen and a car park.

IAK Building

The IAK building is rented and 100% occupied by the EIB Group. The 28 981 m² gross floor area is spread across four building blocks with seven above-ground floors and two basement floors. As of 31 December 2023, a total of 654 EIB Group staff were based in the IAK building.

Located at 2-6 rue Albert Wehrer, the site primarily comprises office space, meeting rooms, a restaurant and canteen and a car park.

PKI-b Building

The PKI-b building is rented and 100% occupied by the EIB Group. The 10 695 m² gross floor area is spread across six above-ground floors and two basement floors. Headcount data are only available for the combined PKI-a, PKI-b and PKI-c totals. As of 31 December 2023, a total of 653 EIB Group staff were based in all PKI buildings, of which 218 staff were estimated to be based in PKI-b alone.

Located at 37b – 37C Avenue John F. Kennedy, the site primarily comprises office space, meeting rooms, and a restaurant and canteen.

The following areas of all building resource consumption are included within the scope of EMAS:

- Electricity
- District heating
- Water
- Waste
- Paper



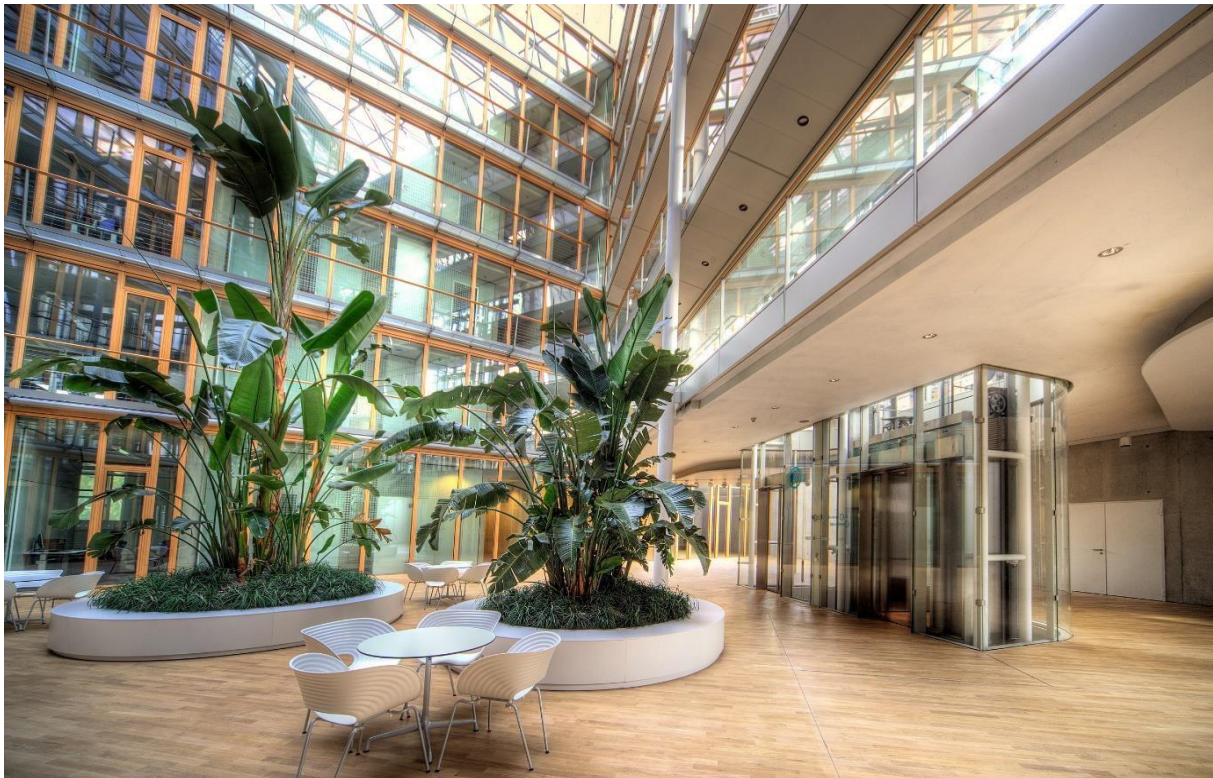
Staff mobility

The EIB Group influences the mobility of all staff through various policies and initiatives. Therefore, the mobility of staff is also within the scope of the EMS, including:

- Business travel:
 - Flights
 - Rail
 - Company cars
 - Rental cars
- Employee commuting (between residence and the buildings in scope)
- Employee commuting (shuttle buses between sites in Luxembourg)
- Employee commuting (including homeworking)

Corporate procurement for own account

Corporate procurement falls under the EIB Group's EMS as the purchasing decisions have been assessed as having a significant environmental impact. It is also a requirement under the EMAS Regulation that we determine our environmental requirements for procurement of products and services, where appropriate.



1.4 Environmental policy

The EIB Group's [EMAS Environmental Policy](#) was first published in 2017 and is the framework for action and setting strategic environmental objectives and targets for the EIB Group's internal activities. The EMAS Environmental Policy covers the day-to-day activities carried out in Luxembourg and in international offices that relate to our building operations, our staff (including business travel and commuting) and our procurement activities. The Environmental Policy applies to the entirety of the Bank irrespective of the organisational boundaries of the EMAS registration.

The European Investment Bank Group (European Investment Bank and European Investment Fund) has a duty to protect the environment in which it operates. The EIB Group is fully committed to improving its environmental performance across all of its internal business activities and encourages its business partners and members of the wider community to join it in its efforts. The EIB Group has registered its Environmental Management System (EMS) in accordance with the EU Eco-Management and Audit Scheme (EMAS) Regulation.

This EMAS Environmental Policy is the framework for action and setting strategic environmental objectives and targets for the EIB Group's internal activities within the scope of the EMS. The policy will be updated as appropriate. The EIB Group recognises its key environmental impacts within the scope of the EMS and shall strive to:

- Adopt relevant environmental standards and requirements in all areas of its internal operations.
- Assess its internal activities and identify areas to continuously improve its environmental performance.
- Continue to reduce its internal CO₂ emissions.
- Prevent pollution that may arise as a result of its internal activities and minimise waste through the careful and efficient use of materials.
- Purchase sustainable products for its own account wherever feasible (such as recycled, FSC — Forest Stewardship Council — or low environmental impact products and energy from renewable sources).
- Enhance environmental considerations in procurement decisions for its own account, where appropriate.
- Reduce risks from environmental, health or safety hazards for employees and others in the vicinity of its operations.
- Provide training and communicate environmental policies to employees.
- Publicise its environmental situation.

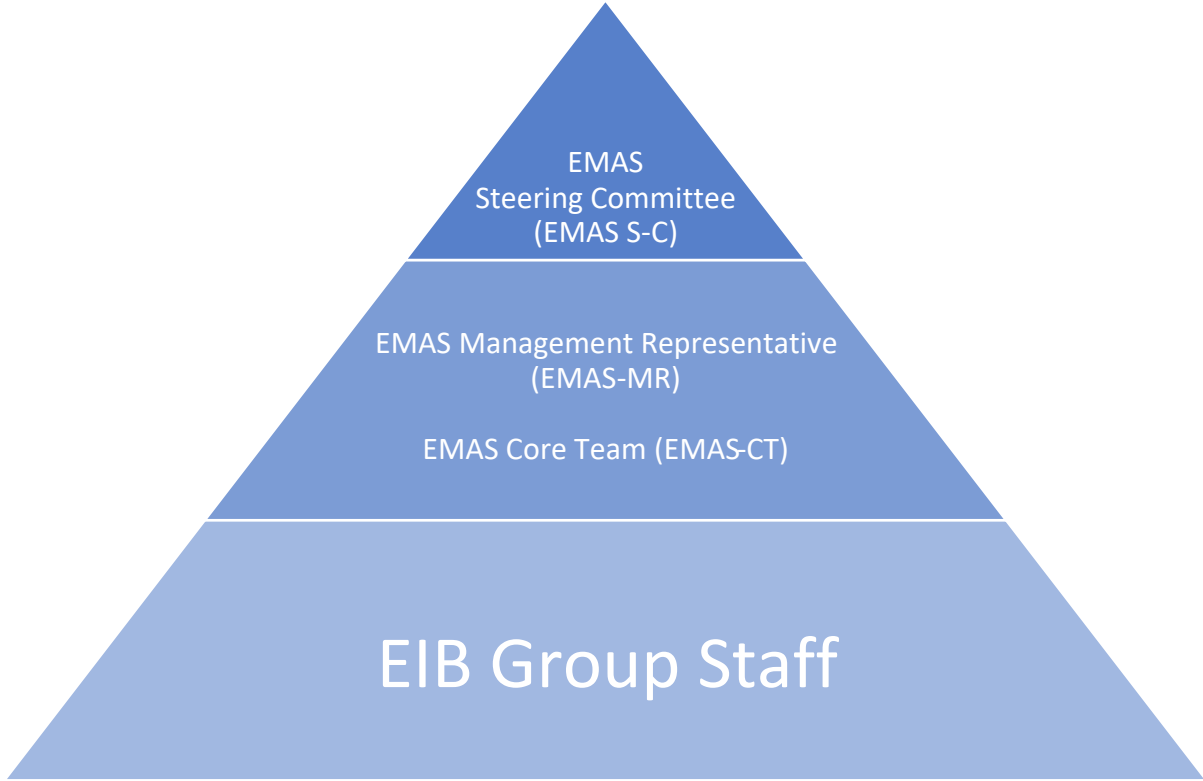
The policy was signed by the President on behalf of the EIB Group on 4 July 2018.

The EIB Group will communicate this policy statement to its staff, suppliers/contractors concerned, and other interested parties. It will be published on the Group’s websites.

In 2024, the EIB Group will update its Environmental Policy to integrate new work areas with environmental impact and reaffirm top management’s commitment and institutional alignment. The updated policy will be published in 2025 and communicated to staff, contractors and external stakeholders.

1.5 Governance of the EMS

The success of the EIB Group’s EMS is largely driven by the commitment and involvement of key internal stakeholders. Accordingly, the following governance structure has been implemented: **Figure 2: EMS governance**



EMAS Steering Committee (EMAS-SC)

The EMAS-SC is composed of representatives from relevant EIB Group services and is responsible for overseeing the EMS. It typically meets twice a year in sync with the EMAS audit cycle, to review and validate the suitability, adequacy and effectiveness of the EMS, as well as to monitor the environmental achievements and performance of the internal business activities of the EIB Group.

The Bank’s Secretary General chairs the EMAS-SC, which represents a broad cross section of relevant directorates across the EIB Group. The EMAS-SC chair represents “top management” (as described in the EU EMAS Regulation) for the purposes of managing interaction with the EMAS auditor. The EMAS-SC chair may delegate this role, as appropriate.

Whenever necessary, the EMAS-SC chair shall (in consultation with EMAS-SC members) seek Management Committee decisions in line with the Bank’s governance rules and procedures.

EMAS Management Representative (EMAS-MR)

The EMAS-MR is ultimately responsible for the EMS and ensuring that all EMAS requirements are met, working and up to date. The EMAS-MR is also responsible for ensuring the EMAS-SC is informed about the suitability, adequacy and effectiveness of the EMS, including environmental results.

EMAS Core Team (EMAS-CT)

The EMAS-CT consists of representatives of the services directly responsible for actions required to support the EMAS-MR in his/her role to maintain the EMS successfully. All EMAS-CT members have undergone appropriate ISO 14001 lead auditor training.

EIB Group staff

Staff involvement and awareness are crucial to any EMS. Staff are responsible for adhering to working practices implemented under EMAS and contributing to the continual improvement process by considering the environmental impact of their everyday work.

All new joiners are informed of the EIB Group's EMS and EMAS registration, shown an information video and encouraged to provide ideas and feedback to help and support continual improvement, among others via the dedicated EMAS mailbox.



1.6 Environmental aspects and impact







To understand our environmental performance, in spring 2018 the EIB Group undertook the first systematic review of all environmental aspects of our business activities and their environmental impact. The Group continues to review environmental aspects on a regular basis. “Environmental aspects” concern the area or type of environmental impact (such as energy or water usage), while “environmental impact” concerns the specific deleterious effects that may arise (such as air pollution, depletion of natural resources and aggravation of the greenhouse effect). Environmental reviews also categorise environmental aspects as being under the Group's direct or indirect control. Direct aspects are business activities over which the EIB Group exercises direct management control, whereas indirect aspects are those activities managed by third parties. The EIB Group may still influence indirect aspects through engagement and policies.

The environmental aspects identified by these reviews provide the basis of our EMS, which seeks to reduce our environmental impact through ongoing performance management of these factors. By evaluating all environmental aspects against the predefined criteria specified in the updated EU EMAS Regulation we can thereby perform a risk-based assessment of the probability, severity and frequency of environmental impact, and of the EIB Group's ability to influence and control this impact.

Any environmental aspects subject to existing environmental legislation or otherwise deemed significant are prioritised according to the expected probability, severity and frequency of impact and the EIB Group's ability to influence and control it.



Reviews have shown that the significant environmental aspects arising from EIB Group activities that are within the scope of the EMS are air emissions, energy and fuel, and waste production. The significant environmental aspects remain unchanged with the expanded scope, though additional activities have been added as a demonstration of continual improvement. The table below lists the environmental aspects within the scope of the EMS.

	ENVIRONMENTAL ASPECT	ENVIRONMENTAL IMPACT	ACTIVITIES
Significant	 Air emissions	Air pollution Greenhouse effect	Business travel Staff commuting Building plant equipment
	 Energy and fuel use	Depletion of natural resources Greenhouse effect	Business travel Heating, ventilation and cooling Lighting IT equipment IT infrastructure and solutions Data centres Parking and homeworking policy
	 Waste production	Air, water and ground pollution	Catering Cleaning Office consumables IT equipment IT infrastructure and solutions Data centres Events
Other	 Paper use	Depletion of natural resources	Printing Communications Office use
	 Water use	Depletion of natural resources	Toilets Catering Cleaning Building plant Drinking water
	 Biodiversity	Depletion of natural resources Land Use	Assets Green spaces Catering

2 Programme objectives, targets and actions

2.1 Objectives and Targets

To achieve the EIB Group EMAS Environmental Policy goals (also called objectives), we have identified for each one the following targets:

POLICY OBJECTIVES	MULTI-YEAR TARGETS	YEAR-END TARGET DATE	RESULT FOR 2023
Achieve relevant environmental standards and requirements in all areas of its internal operations.	Retain ISO 14001 certification	2023	Achieved
	Retain EMAS registration	2023	Achieved
	Retain SuperDrecksKëscht certification	2023	Achieved
	Retain BREEAM In-Use certification for EKI building	2025	In progress
Continue to reduce internal CO₂ emissions.	Reduce Group emissions in absolute terms by 12.4% by 2025 as compared to 2018 base year emissions ⁵	2025	On track
	Reduce annual energy consumption from electricity and heating in 2023 as compared to average annual consumption over 2017-2022 ⁶	2023	Achieved (-18% for the energy consumption of EIB Group buildings in scope of EMAS)
Prevent pollution that may arise as a result of its internal activities and minimise waste through the careful and efficient use of materials.	Eliminate or replace single-use plastics, for categories listed in the EU Directive 2019/904, by year-end 2023	2025	In progress
	Continually reduce the amount of total waste per FTE (baseline 2018)	2023	Downward trend (-49% as compared to 2018)
Purchase sustainable products for its own account wherever feasible [such as recycled, FSC or low environmental impact products and energy from renewable sources].	Annually, at least 75% of corporate procurement procedures handled by the Procurement Division of the Group Financial Control Directorate involving one of the product categories listed under section 3.1 of EMAS GPP (Green Public Procurement) work instructions will include environmental requirements in the technical specifications and/or selection criteria and/or award criteria	2023	Achieved (100%)

⁵ This target applies to gross GHG emissions for all of EIB Group buildings as described in the EIB Group Carbon Footprint Report 2023

⁶ This target applies to energy consumption for all of EIB Group buildings as described in the EIB Group Carbon Footprint Report 2023

Enhance environmental considerations in procurement decisions for its own account where appropriate.	Annually, at least 75% of the corporate procurement procedures handled by the Procurement Division of the Group Financial Control Directorate involving one of the product categories listed under section 3.1 will be sent to the EU GPP HelpDesk with a request for advice on “greening” the technical specifications. Alternatively, the GPP knowledge base will be consulted	2023	Achieved (100%)
	By end of 2024, all FC-PROCUR staff, including newcomers, will undergo appropriate GPP training	2025	In progress
Train and communicate environmental policies to employees.	Annually, at least one event or training session is organised for relevant staff about EMAS and /or EMAS@EIB Group	2023	Achieved
Train and communicate environmental policies to employees.	Annually, at least one flagship engagement action or awareness- raising event is organised to increase staff awareness on sustainable behaviours, both at work and at home	2023	Achieved
	Annually publish a detailed analysis of the greenhouse gas emissions of its internal activities in accordance with GHG Protocol standards	2023	Achieved
Publicise its environmental situation.	Annually publish a verified environmental statement of the internal activities under the EMAS scope	2023	Achieved
	Continually expand the reporting boundaries and improve the quality and comprehensiveness of the environmental performance data in line with best reporting standards	2023	Achieved



2.2 Actions

To achieve the above stated objectives and targets, we have identified the corresponding actions. The tables below contain the status of ongoing and planned actions in 2023 and beyond. For an overview of completed actions prior to 2023, please refer to the EIB's previous environmental statements.

Objective: Achieve relevant environmental standards and requirements in all areas of its internal operations.

TARGET	ACTION		DUE	STATUS
Retain ISO 14001 certification	A1	Conduct internal audit and follow up on observations and non-conformities	Annually recurring	Complete
Retain EMAS registration		Conduct internal audit and follow up on observations and non-conformities	Annually recurring	Complete
Retain SuperDrecksKëscht certification	A2	Ensure waste management practices in the buildings in scope of EMAS continue to meet the standards required by SuperDrecksKëscht certification	Annually recurring	Complete
Retain BREEAM In-Use certification for EKI building	A47	New BREEAM In-Use certification for EKI building	Dec-25	Scheduled

Objective: Continue to reduce internal CO₂ emissions.

TARGET	ACTION		DUE	STATUS
Reduce Group gross emissions by 12.4% by 2025 as compared to 2018 base year emissions	A4	Compensate residual greenhouse gas emissions with the purchase of verified carbon credits	Annually recurring	Complete
	A5	Purchase all electricity from renewable energy sources	Annually recurring	Complete
	A6	Purchase steam generated from wood pellet biomass	Annually recurring	Complete
	A7	Revise EIB Group travel policy	Dec-25	Scheduled
	A22	Introduce the Xerox Print Awareness Tool	Dec-23	Complete

	A24	Remove 1 800 docking stations and replace with an integrated monitor system	Dec-24	In progress
	A25	Roll out Mission Desk to all EIB Directorates	Dec-24	In progress
	A26	Conduct study on travel habits for potential business travel improvements	Jun-23	Complete
	A27	Retrofit LED lights in offices and common areas in the EKI building	Dec-26	In progress
	A32	Car fleet to comprise only hybrid and electric cars	Dec-24	In progress
	A40	Install 11 meters as part of the Smart Kitchen project	Dec-23	Complete
	A41	Optimisation of the metering system in EKI for monitoring and analysis (electricity, thermal and water)	Dec-24	In progress
	A42	Replacement of R404 refrigerant	Dec-28	Scheduled
	A46	Install variable speed drivers in pumps	Dec-25	Scheduled
	A49	Purchase of sustainable aviation fuels for business air travel, where possible	Dec-24	In progress
	A55	Campaign on sustainable digital practices (data storage campaign) and collaborative online tools	Dec-24	In progress
	A63	Approval of new EIB Group Workplace Policy	Dec-23	Complete
	A78	Implementation of GCS supply chain engagement plan to ensure that suppliers are actively managing their environmental performance	Dec-23	Complete
	A76	Switch to new laptop models with a more energy-efficient configuration	Dec-24	In progress
Reduce annual energy consumption from electricity and heating in 2023 as compared to	A67	Adjust comfort setting temperatures	Dec-23	Complete
	A68	Adjust ventilation settings and air-flow rates according to occupancy	Dec-23	Complete

average annual consumption over 2017-2022	A27	Retrofit LED lights in offices and common areas for the EKI building	Dec-26	In progress
	A69	Upgrade of the Building Management System (BMS) and energy software	Dec-23	Complete

Objective: Prevent pollution that may arise as a result of its internal activities and minimise waste through the careful and efficient use of materials.

TARGET	ACTION		DUE	STATUS
Eliminate or replace single-use plastics, for categories listed in EU Directive 2019/904, by year-end 2023 ⁷	A14	Adopt reusable glass yoghurt jars	Mar-25	Scheduled
Continually reduce the amount of total waste per full-time equivalent (FTE) (baseline 2018)	A38	Perform study of hazardous waste and set strategy for reducing such waste	Dec-23	Complete
	A39	Select and install waste dehydration machine	Dec-25	Scheduled
	A75	Shift towards laptop models with standardised USB-C charger	Dec-24	Scheduled
	A77	Implementation of a strategy for green and reduced packaging for IT equipment purchased	Dec-23	Complete
	A79	Partaking in new inter-institutional framework contract to donate obsolete IT equipment to selected charities	Dec-24	In progress
	A80	Update of the IT asset lifecycle policy to extend the lifetime of hardware	Mar-24	Complete

⁷ This target has been rolled forward from 2021.

Objective: Purchase sustainable products for its own account wherever feasible [such as recycled, FSC or low environmental impact products and energy from renewable sources].

TARGET	ACTION		DUE	STATUS
Annually, at least 75% of corporate procurement procedures handled by the Procurement Division of the Group Financial Control Directorate involving one of the product categories listed under section 3.1 of EMAS GPP work instructions will include environmental requirements in the technical specifications and/or selection criteria and/or award criteria.	A17	Insert environmental requirements into selection criteria of relevant corporate procurement procedures	Annually recurring	Complete
	A50	Implementation of a sustainable and circular procurement strategy for GCS procurement procedures	Dec-23	Complete

Objective: Enhance environmental considerations in procurement decisions for its own account where appropriate.

TARGET	ACTION		DUE	STATUS
Annually, at least 75% of the corporate procurement procedures handled by the Procurement Division of the Group Financial Control Directorate involving one of the product categories listed under section 3.1 will be sent to the EU GPP HelpDesk with a request for advice on “greening” the technical specifications. Alternatively, the GPP knowledge base will be consulted.	A105	Promotion of GPP HelpDesk among staff with procurement responsibilities	Dec-23	Complete
	By end of 2024, all FC-PROCUR staff, including newcomers, will undergo appropriate GPP training	A19	Deliver GPP training to all FC-Procurement staff	Dec-25
A60		Green Public Procurement training for staff with procurement responsibilities	Dec-24	In progress

Objective: Reduce risks from environmental, health or safety hazards for employees and others in the vicinity of its operations.

TARGET	ACTION		DUE	STATUS
Assess and manage health and environmental impact and risks of chemicals	A53	Finalise new procedure for hazardous products access control	Dec-24	In progress
	A70	Explore greener market alternatives to chemical cleaning products	Dec-24	Complete
	A54	A safety risks assessment by premises, including an adverse weather scenario is finalised	Dec-23	Complete
	A59	E-learning on safety awareness training (for Luxembourg) is developed and advertised	Dec-23	Complete

Objective: Train and communicate environmental policies to employees.

TARGET	ACTION		DUE	STATUS
Annually, at least one event or training session is organised for relevant staff about EMAS and/or EMAS@EIB Group	A48	Annual EMAS training for relevant services ahead of the EMAS external audit	Annually recurring	Complete
	A90	EIB's climate awareness training is part of the onboarding training for all newcomers	Jun-23	Complete
	A71	Promotion of the EMAS inter-institutional days among relevant staff to enable best practice knowledge sharing among peers	Annually recurring	Complete
Annually, at least one flagship engagement action or awareness-raising event is organised to increase staff awareness on sustainable behaviours, both at work and at home	A52	Launch of training for all staff on sustainable use of buildings and on soft mobility habits called "Climate: How can I contribute?"	Dec-23	Complete
	A56	Organisation of bike repair workshops for staff	Dec-23	Complete
	A57	Three-week ecological challenge My Little Planet during EIB Group Games	Jun-23	Complete

	A64	Co-organisation of inter-institutional EU repair cafés	Dec-23	Complete
	A66	Plant a Tree for every newcomer – ReforestAction	Annually recurring	Complete
	A106	Upcycling of outdated EIB Group banners by social enterprise into everyday items, and proceeds of sales going to charities	Dec-24	Complete

Objective: Publicise its environmental situation.

TARGET	ACTION		DUE	STATUS
Annually publish a detailed analysis of the greenhouse gas emissions of its internal activities in accordance with GHG Protocol standards	A61	Publish EIB Group Carbon Footprint Report	Annually recurring	Complete
Annually publish a verified environmental statement of the internal activities under the EMAS scope	A62	Publish EMAS environmental statement	Annually recurring	Complete
Continually expand the reporting boundaries and improve the quality and comprehensiveness of the environmental performance data in line with best reporting standards	A65	Definition and implementation of an enhanced environmental data collection procedure	Dec-24	In progress
	A100	Start collecting environmental data from external offices	Dec-23	Complete

3 Environmental performance indicators

The EIB Group tracks both absolute performance and relative intensity using the following two metrics:

- **Employee headcount:** 2023 headcount figures were monitored at a building level, excluding PKI(b) where data were only available on a combined basis for the whole PKI building, which includes PKI(a), PKI(b) and PKI(c). Employees were assumed to be distributed evenly across all three PKI buildings. From 2018 – 2022, headcount data were only monitored on a total EIB Group basis, so building level figures are estimated by applying the 2023 building distribution percentage to the total number of EIB Group employees during the relevant year.
- **Floor area:** Floor area is calculated by taking into account the reference surface area of the buildings as used in the energy performance certificates (EPCs). This excludes building areas that are not heated or cooled (for example, car parks).

Relative intensity metrics are based on the following reference values:

METRICS	Building	2023	2022	2021	2020	2019	2018
Employee headcount	EKI building	1 085	977	963	893	865	850
	WKI building	1 481	1 333	1 314	1 219	1 181	1 161
	BLB building	197	177	175	162	157	154
	PKI(b) building	218	196	193	179	174	171
	IAK building	654	589	580	538	521	513
	Total employees in EMAS scope	3 653	3 272	3 226	2 992	2 898	2 849
	Total EIB Group employees	4 971	4 647	4 412	4 092	3 963	3 896
	Percentage of employees included in scope	73%	73%	73%	73%	73%	73%
Floor area as per EPCs (m ²)	EKI building	43 602	43 602	43 602	43 602	43 602	43 602
	WKI building	40 994	40 994	40 994	40 994	40 994	40 994
	BLB building	17 226	17 226	17 226	17 226	17 226	17 226
	PKI(b) building	7 846	7 846	7 846	7 846	7 846	7 846
	IAK building	24 004	24 004	24 004	24 004	24 004	24 004

3.1 Energy

Business activities in all buildings consume energy from two principal sources:

- **Purchased electricity** provides the requisite power for all on-site lighting, IT equipment, operation of lifts, ventilation and cooling, and other electrical equipment.
- **Heating** for all buildings is provided by the Kirchberg district’s combined heat and power plant managed by LuxEnergy.

Since 2009, all EIB Group-purchased electricity has been from renewable sources covered by either green guarantees of origin or certified from renewables. For electricity use in buildings under the scope of EMAS, guarantees of origin are purchased from LEO Energy.

In 2017, the district heating from which the EIB sources steam was converted to biomass CHP (Combined Heat & Power) with the intention of gradually increasing the share of biomass in the total energy mix. In 2023, the steam provided to BLB was generated 100% from biomass, while the steam provided to the other in-scope buildings was on average in 2023 generated 62% from biomass and 38% from fossil fuels. As a result of the increase of the share of biomass in the district heating mix, the EIB has increased its percentage of renewable energy procured by an annual 0.6% since its base year 2018. However, the EIB Group has little control over the composition of the energy mix from the district heating plant.

Despite the growth of the organisation and thanks to the energy conservation measures taken, the buildings within the EMAS scope achieved an average annual reduction of 3.4% in the EIB Group's total energy consumption since its base year 2018, composed of an annual 3.2% reduction in electricity and 3.7% in heating. Similarly, the energy intensity per floor area and staff decreased annually by an average of 3.4% and 6.4%, respectively, since 2018. The gross energy consumption at PKI(b) and the data centres increased slightly from the previous year, while the energy consumption at the remaining four buildings decreased both from the previous year and on a year-on-year average.

When compared to the average energy consumption between 2017 and 2022, the energy consumption in 2023 is 19% lower.

ENERGY	CONSUMPTION	2023	2022	2021	2020	2019	2018	2022/23 change (%)	Annualised progress since 2018 (%)
Gross energy consumption (MWh)	Total energy consumption — including offsite data centres⁸	25 567	29 100	32 226	30 459	30 845	32 180	-12%	-3.4%
	<i>EKI total energy</i>	6 499	8 252	8 452	7 145	8 432	9 024	-21%	-4.7%
	<i>WKI total energy</i>	11 600	13 021	14 919	15 384	13 406	13 699	-11%	-2.6%
	<i>BLB total energy</i>	1 999	2 102	2 348	2 246	2 612	2 652	-5%	-4.1%
	<i>PKI(b) total energy</i>	1 520	1 386	1 615	1 544	1 649	1 623	+10%	-1.1%
	<i>IAK total energy</i>	2 880	3 461	3 778	3 185	3 959	4 284	-17%	-5.5%
	<i>Data centres total energy</i>	1 069	878	1 114	956	787	898	+22%	+3.2%
	Total renewable energy (MWh)	22 048	24 158	24 786	24 814	24 960	26 083	-9%	-2.9%
	% renewable energy	86%	83%	77%	81%	83%	83%	+4%	+0.6%
	<i>Of which generated on-site</i>	0%	0%	0%	0%	0%	0%	-	-

⁸ Data centres are not within the scope of the EMS. However, because data centres provide a crucial service to all EIB Group staff, total data centre emissions are considered.

Electricity consumption (MWh)	Total electricity (MWh)	15 131	16 229	16 175	15 798	17 752	18 746	-7%	-3.2%
	EKI total electricity	4 328	5 018	4 639	4 178	5 322	5 665	-14%	-3.9%
	WKI total electricity	6 031	6 430	6 610	7 189	6 792	7 091	-6%	-2.5%
	BLB total electricity	922	1 004	972	1 027	1 414	1 390	-8%	-5.6%
	PKI(b) total electricity	943	730	794	790	1 021	1 001	+29%	-1.0%
	IAK total electricity	1 837	2 169	2 047	1 659	2 415	2 702	-15%	-5.3%
	Data centres total electricity	1 069	878	1 114	956	787	898	+21%	+3.2%
Heat consumption (MWh)	Total heating (MWh)	10 436	12 871	16 051	14 661	13 094	13 435	-19%	-3.7%
	EKI total heating	2 171	3 234	3 813	2 967	3 110	3 359	-33%	-5.9%
	WKI total heating	5 569	6 591	8 310	8 195	6 614	6 608	-16%	-2.6%
	BLB total heating	1 077	1 098	1 376	1 219	1 198	1 263	-2%	-2.5%
	PKI(b) total heating	577	656	821	754	628	623	-12%	-1.2%
	IAK total heating	1 043	1 292	1 731	1 526	1 544	1 582	-19%	-5.7%
Relative energy (MWh per m ²)	Total energy intensity (MWh/m ²) – all buildings in scope of EMAS	0.19	0.22	0.24	0.23	0.23	0.24	-12%	-3.4%
	Electricity (MWh/m ²) – all buildings in scope of EMAS	0.11	0.12	0.12	0.12	0.13	0.14	-7%	-3.2%
	Heating (MWh/m ²) – all buildings in scope of EMAS	0.08	0.10	0.12	0.11	0.10	0.10	-19%	-3.7%
Relative energy (MWh per employee) ⁹	Total energy intensity (MWh/employee) – all buildings in scope of EMAS	6.74	8.63	9.64	9.86	10.37	10.98	-22%	-6.4%

⁹ Excluding data centres.

Electricity (MWh/employee) – all buildings in scope of EMAS	3.87	4.69	4.67	4.96	5.85	6.27	-18%	-6.4%
Heating (MWh/employee) – all buildings in scope of EMAS	2.87	3.93	4.98	4.90	4.52	4.72	-27%	-6.5%

CASE STUDY

Continued commitment of the EIB Group to cut its building-related energy use

The EIB Group is committed to reducing its corporate carbon footprint. To ensure we remain in line with the greenhouse gas emissions reduction pathway to 2025, the Group assessed actions to take when it comes to cutting building-related energy consumption.

New energy efficiency measures

The EIB Group implemented a comprehensive programme in 2023 to cut its energy use and greenhouse gas emissions through new energy efficiency measures. These measures have been implemented and include the following:

- installing smart meters and sensors to monitor and control energy consumption;
- upgrading lighting and HVAC systems to improve efficiency and comfort;
- optimising building design and insulation to reduce heat loss and gain;
- raising awareness among employees on how to save energy at work and at home.

3.2 Material: paper consumption

To support EIB Group business activities, paper is required to produce printed materials for internal and external consumption. The EIB Group has undertaken several measures to reduce paper consumption, including the removal of all local inkjet printers in 2015 and implementation of the “follow-me” printing system, allowing users to print to a shared queue from which jobs are automatically deleted if not released within 24 hours. Most paper procured and consumed is standard A4 office paper and all paper is 100% recycled.

More recently, the Xerox Print Awareness Tool has been introduced at the Bank and will be used to help staff to make better choices concerning printing and reduce printing volumes. The tool was also created to improve operational costs and productivity. The tool was piloted in 2023 and is ready for a full roll-out at the Bank.

With the continued return to the office following the phasing out of social restrictions in the context of the COVID-19 pandemic, paper consumption increased by 38% as compared to 2022. However, paper consumption remains well below pre-pandemic levels and the EIB Group has managed to reduce annual paper consumption per employee on average by 11% each year since the base year 2018.

Paper consumption is monitored at a Group level and apportioned to the buildings within the EMAS scope based on proportional headcount.

PAPER	CONSUMPTION	2023	2022	2021	2020	2019	2018	2022/23 change (%)	Annualised progress since 2018 (%)
Gross consumption	Total paper consumption (tonnes) – all buildings in scope of EMAS	48.3	35.1	28.5	34.4	89.9	107.5	+38%	-9%
Relative consumption (per employee)	Paper consumption (tonnes/employee) – all buildings in scope of EMAS	0.013	0.011	0.009	0.011	0.031	0.038	+24%	-11%

3.3 Water consumption

Water consumption in the buildings under the EMS scope is monitored by building and primarily associated with the use of lavatories, office cleaning and catering.

Despite a higher number of days spent in the office by employees in 2023 compared to 2022 and the resumption of full-capacity on-site catering activities at the end of 2022, water consumption decreased by 3% in absolute terms and 13% in relative terms (per employee) as compared to 2022. Gross and relative consumption per staff decreased on average by 4.3% and 6.9% each year, respectively. These reductions are the result of water conservation efforts, such as tap water sensors and ongoing meter system optimisation and a notable decrease in water consumed in the EIB Group’s restaurants.

WATER	CONSUMPTION	2023	2022	2021	2020	2019	2018	2022/23 change (%)	Annualised progress since 2018 (%)
Gross water consumption (m ³)	Total water consumption (m ³)	40 129	41 546	30 090	34 935	52 534	53 870	-3%	-4.3%
	<i>EKI building</i>	15 600	17 455	13 480	11 770	18 510	20 302	-11%	-3.9%
	<i>WKI building</i>	16 985	18 230	12 479	18 216	23 477	22 872	-7%	-4.3%
	<i>BLB building</i>	1 986	1 094	1 113	1 210	1 693	1 661	+81%	+3.3%
	<i>PKI(b) building</i>	2 845	2 679	2 032	1 907	3 661	4 077	+6%	-5.0%
	<i>IAK building</i>	2 714	2 088	986	1 832	5 193	4 958	+30%	-7.5
Relative consumption (per employee)	Water consumption (m ³ /employee) – all buildings in scope of EMAS	11.04	12.70	9.33	11.68	18.13	18.91	-13%	-6.9%
Relative consumption (per m ²)	Water consumption (m ³ /m ²) – all buildings in scope of EMAS	0.30	0.31	0.23	0.26	0.39	0.40	-3%	-4.3%

3.4 Waste production

The principal forms of waste generated across the buildings include general waste from office use, paper waste and organic waste from the shared use of catering facilities. Additional forms of waste include glass, plastic, metal, wood and WEEE (waste electrical and electronic equipment).

Historically, waste production was monitored at a campus level and apportioned to buildings based on proportional headcount. Since 2018, waste production has been monitored for each building, leading to a significant improvement in the accuracy of reporting. The exception to this is PKI(b), where waste is monitored on a combined basis for the whole PKI building and is assumed to be distributed equally between PKI(a), PKI(b) and PKI(c).

In 2023, the EIB Group saw an increase in total waste production (including hazardous and WEEE waste) of 113% as well as an increase in relative waste production per employee by 92% compared to 2022. This increase can be partially attributed to an increase in office refurbishment activities following the adoption at the end of 2022 of a new flexible workplace policy that will ultimately optimise the office space and occupancy, but which is punctually significantly increasing both wood and glass waste. The increase in hazardous waste is largely attributed to ink cartridge waste in WKI, which houses the print shop.

Despite the increase in waste production over the last year, waste production has still decreased since the base year 2018 with an average annual decrease of 1.8% in gross production and an average annual decrease of 5% in relative production per employee since 2018.

The EIB Group recycles 100% of paper, glass, plastic, and WEEE waste. The percentage of total waste that is recycled remained fairly stable between 2022 and 2023, with a marginal decrease.

WASTE	CONSUMPTION	2023	2022	2021	2020	2019	2018	2022/23 change (%)	Annualised progress since 2018 (%)
Gross production (tonnes)	Total waste production (tonnes)	883.7	414.1	397.5	329.6	799.0	991.0	+113%	-1.8%
	EKI waste production	297.9	150.0	145.0	177.8	509.1	496.3	+99%	-6.7%
	WKI waste production	522.2	193.8	211.2	103.1	99.9	291.2	+169%	+13.2%
	BLB waste production	17.8	23.9	17.0	9.4	37.7	46.8	-25%	-10.3%
	PKI(b) waste production	7.8	7.9	3.4	3.6	15.7	16.7	-1%	-8.8%
	IAK waste production	37.9	38.5	20.8	35.7	136.6	140.0	-2%	-12.2%
	Total hazardous waste production (tonnes)	13.6	12.9	8.8	8.4	18.3	11.3	+6%	+3.5%
	EKI hazardous waste production	1.1	1.1	0.6	0.9	1.5	1.0	+1%	+1.6%
	WKI hazardous waste production	11.4	11.0	7.8	6.5	15.7	9.7	+3%	+2.8%
	BLB hazardous waste production	0.2	0.1	-	0.2	0.1	0.1	+51%	+34.7%
	PKI(b) hazardous waste production	-	-	-	-	-	-	-	-
IAK hazardous waste production	1.0	0.7	0.4	0.8	1.0	0.5	+49%	+18.0%	

Relative production (per employee)	Total waste production (tonnes/employee) – all buildings in scope of EMAS	0.24	0.13	0.12	0.11	0.28	0.35	+92%	-5.0%
	Total hazardous waste(tonnes/employee) – all buildings in scope of EMAS	0.004	0.004	0.003	0.003	0.006	0.004	-5%	-0.8%
By type	Total organic waste (tonnes) – all buildings in scope of EMAS	110.5	111.6	151.6	151.9	449.0	457.8	-1%	-12.6%
	Total general waste (tonnes) – all buildings in scope of EMAS	128.8	95.4	52.3	71.9	158.0	171.3	+35%	-4.1%
	Total plastic waste (tonnes) – all buildings in scope of EMAS	15.6	16.2	8.5	7.3	16.2	19.8	-4%	-3.5%
	Organic waste per employee – all buildings in scope of EMAS	0.031	0.035	0.047	0.051	0.157	0.164	-10%	-13.5%
	General waste per employee – all buildings in scope of EMAS	0.036	0.030	0.017	0.024	0.056	0.062	+20%	-7.0%
	Plastic waste per employee – all buildings in scope of EMAS	0.004	0.005	0.003	0.002	0.006	0.007	-14%	-6.4%
By treatment type	% recycled	38%	40%	23%	26%	18%	33%	-5%	+2.4%
	% residual office waste ¹⁰	62%	60%	77%	74%	82%	67%	+4%	-1.2%

3.5 Greenhouse gas emissions

In the EIB Group Climate Bank Roadmap 2021-2025, the EIB Group defined a carbon emission reduction target to comply and ensure the long-term alignment of its internal activities with the goals of the Paris Agreement.

By 2025, the EIB Group aims to reduce absolute gross greenhouse gas emissions by about 30%, compared to a business-as-usual scenario. This corresponds to a 12.4% absolute reduction of its annual gross greenhouse gas emissions by 2025 compared to the 2018 baseline.

The EIB Group produces an annual Carbon Footprint Report covering all internal operations in Luxembourg and staff mobility. The greenhouse gas emissions reported in this section are representative only of those within the scope of the EMS, which covers fewer buildings and activities than the scope considered in the annual Carbon Footprint Report. As the greenhouse gas reduction target applies to the EIB Group as a whole and not just the limited scope of EMAS, the emissions trends presented in the table below do not wholly reflect the EIB Group's progress towards its emission target but do demonstrate alignment with abatement pathways. For a complete view and methodological description of the GHG emissions inventory resulting from internal activities at the EIB Group, please consult: [Carbon Footprint Report 2023](#).

Emissions within the scope of EMAS remained fairly stable between 2022 and 2023 despite a 12% increase in staff considered under the scope of the EMS. By mid-2022, social restrictions linked to the COVID-19 pandemic had been lifted, resulting in a partial return to the office coupled with homeworking as well as a resumption in

¹⁰ Residual office waste is waste that is not recycled or reused.

business travel, following years of significant disruption. This resulted in a notable increase in emissions in 2022 compared to 2020 and 2021. However, in 2023, gross emissions did not return to pre-COVID levels, with gross emissions stabilising at significantly lower levels than those observed before the pandemic, suggesting that new ways of travelling and working have partially been embedded. However, this stabilisation may also demonstrate that further greenhouse gas emission reductions in the aftermath of the COVID-19 crisis will remain challenging.

Since 2018, for the limited scope considered under EMAS, the EIB Group has achieved significant reductions in emissions on a gross, net, and relative per employee basis – 15%, 10%, and 33%, respectively, demonstrating alignment with its committed emission abatement pathway from 2018-2025.

To construct the greenhouse gas emissions inventory, we identified all relevant sources of these emissions, collected activity data from the relevant Group services within the scope of the EMS, and applied the emission factors to calculate emissions from each source. These data were then aggregated to create the EIB Group's greenhouse gas emissions. Where data were received on a Group level rather than a building level, emissions were apportioned to the buildings within the scope of the EMS based on headcount. Details of how emissions were obtained for the buildings within the scope of EMAS can be found in Appendix II.

Our reported emissions can be divided into two main areas:

- **Buildings-related emissions** including purchased electricity and steam, and emissions linked to the consumption of paper, water and generation of waste.
- **Mobility emissions** arising from all business travel (including flights, rail, owned vehicles) and employee commuting (including homeworking)

As calculated from the emissions presented in the below table, building-related emissions account for 34% of total gross emissions connected to the buildings in scope of EMAS. The EIB Group has made significant efforts to reduce the utility consumption of buildings through efficiency measures on technical installations, workspace optimisation and the procurement of energy-efficient equipment, which have contributed to the reduction in emissions over the last year and on an annualised basis since 2018.

Mobility emissions are a more significant source of emissions for the EIB Group, accounting for 66% of total gross emissions connected to the buildings in scope of EMAS. Business travel has the highest emissions impact for the EIB Group, primarily driven by air travel. Mobility emissions within the scope of EMAS increased by 8% between 2022 and 2023, largely as a result of an increase in air travel, however emissions have still decreased from 2018 on an annualised basis.

Given the EIB Group's role as a global financier, business travel – by air, train, bus and company or rental cars – is an unavoidable part of its business. However, the EIB Group has put in place sizeable digital and video-conferencing infrastructure to incentivise alternatives to travel whenever compatible with business interest.

Further emissions analysis can be found in the EIB Group's 2023 Carbon Footprint Report.

Emissions are reported below as total emissions **for all buildings included under the scope of EMAS**¹¹.

¹¹ Emissions presented in the Environmental Statement differ from those presented in the Carbon Footprint Reports, as the scope of buildings and activities considered are different.

GHG EMISSIONS	CONSUMPTION	2023	2022	2021	2020	2019	2018	2022/23 change (%)	Total progress since 2018 (%)
Gross emissions ¹²	Total emissions (tCO ₂ e ^{13,14})	17 346	17 305	6 243	7 614	19 497	20 364	+0.2%	-14.8%
	Total buildings emissions (tCO ₂ e)	5 925	6 682	3 133	3 348	3 956	7 584	-11%	-21.9%
	Total staff mobility emissions (tCO ₂ e)	11 421	10 622	3 110	4 266	15 541	12 780	+8%	-10.6%
Net emissions ¹⁵	Total emissions (tCO ₂ e)	12 941	12 632	3 218	4 389	15 715	14 299	+2%	-9.5%
	Total buildings emissions (tCO ₂ e)	1 520	2 010	132	150	219	1 518	-24%	+0.1%
	Total mobility emissions (tCO ₂ e)	11 421	10 622	3 086	4 239	15 497	12 780	+8%	-10.6%
Relative emissions (per employee)	Total emissions (tCO ₂ e/employee)	4.8	5.3	1.9	2.5	6.7	7.1	-10%	-32.5%
	Total buildings emissions (tCO ₂ e/employee)	1.6	2.0	1.0	1.1	1.4	2.7	-20%	-38.8%
	Total mobility emissions (tCO ₂ e/employee)	3.1	3.2	1.0	1.4	5.4	4.5	-3%	-30.0%

¹² Gross emissions are calculated using national average conversion factors and do not take into account the EIB Group's market initiatives, such as renewable energy certificates of origin.

¹³ As per Annex IV and the WRI GHG Protocol, SO₂, CH₄, N₂O, HFCs, PFCs, NF₃ and SF₄ have been converted to and expressed in tonnes of CO₂ equivalent using the respective global warming potential (GWP) of each type of greenhouse gas. It is also recommended that total air emissions, including SO₂, NO_x and PM, be reported. It has not been possible to report these data this year as they are not tracked.

¹⁴ Homeworking emissions have been included since 2020. The methodology used to calculate homeworking emissions is described in the [white paper developed by consulting company EcoAct](#).

¹⁵ Net emissions take into account the EIB Group's market initiatives and classify consumption from renewable energy as zero direct emissions.

Case Study

Adoption of a workplace transformation

The EIB Group adopted a hybrid workplace strategy in 2023, giving its employees the flexibility to work from home or the office, based on their preferences and tasks. It has invested in digital tools and platforms to enable seamless collaboration and communication across teams and locations.

The Group has also redesigned its office spaces to offer a variety of work modes, such as focus, collaboration, learning and socialising. The workplace transformation aims to enhance employee engagement, productivity and well-being, as well as lowering travel costs and emissions.

This transformation will enable the EIB Group to consolidate its staff around its main campus, which will reduce its real estate portfolio of rented buildings.

4 Biodiversity

The EKI and WKI buildings (together “the campus”) are situated at the top of the hill of Val des Bons Malades, with open spaces on the site comprising lawns, meadows, isolated trees and remnants of the old forest (protected under local law). The lawns are located directly adjacent to the EKI building, bordering its north, east and west sides, while the meadows are located on the north-eastern part of the site. The old forest is in the northern part of the site, bordering the Val des Bons Malades.

The remaining three buildings under the scope of the EMS have zero or non-significant external green spaces. EKI and WKI land are presented as a combined value due to their proximity to each other.

Biodiversity is becoming an increased focus at the Bank, and new actions are in development with the aim of measuring the biodiversity in the forest on campus going forward.

BIODIVERSITY	CONSUMPTION	2023	2022	2021	2020	2019	2018
By type (m ²) Relative (% green space of total space)	Total land (m²)	103 557	103 557	103 557	103 557	103 557	103 557
	<i>EKI & WKI Total land (m²)</i>	<i>93 183</i>	<i>93 183</i>	<i>93 183</i>	<i>93 183</i>	<i>93 183</i>	<i>93 183</i>
	<i>BLB Total land (m²)</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>
	<i>PKI(b) Total land (m²)</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>
	<i>IAK Total land (m²)</i>	<i>5 046</i>	<i>5 046</i>	<i>5 046</i>	<i>5 046</i>	<i>5 046</i>	<i>5 046</i>
	Total sealed area (m²)	31 713	31 713	31 713	31 713	31 713	31 713
	<i>EKI & WKI Total sealed area (m²)</i>	<i>22 313</i>	<i>22 313</i>	<i>22 313</i>	<i>22 313</i>	<i>22 313</i>	<i>22 313</i>
	<i>BLB Total sealed area (m²)</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>	<i>3 451</i>
	<i>PKI(b) Total sealed area (m²)</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>	<i>1 877</i>
	<i>IAK Total sealed area (m²)</i>	<i>4 072</i>	<i>4 072</i>	<i>4 072</i>	<i>4 072</i>	<i>4 072</i>	<i>4 072</i>
	Total nature-oriented area on-site (m²)	71 844	71 844	71 844	71 844	71 844	71 844
	<i>EKI & WKI Total nature-oriented area on-site (m²)</i>	<i>70 870</i>	<i>70 870</i>	<i>70 870</i>	<i>70 870</i>	<i>70 870</i>	<i>70 870</i>
	<i>BLB Total nature-oriented area on-site (m²)</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>PKI(b) Total nature-oriented area on-site (m²)</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>IAK Total nature-oriented area on-site (m²)</i>	<i>974</i>	<i>974</i>	<i>974</i>	<i>974</i>	<i>974</i>	<i>974</i>
	Total nature-oriented area off site	0	0	0	0	0	0
	<i>EKI & WKI Total nature-oriented area off site</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>BLB Total nature-oriented area off site</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>PKI(b) Total nature-oriented area off site</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>IAK Total nature-oriented area off site</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Relative	Proportion of total land that is nature-oriented (%)	69%	69%	69%	69%	69%	69%

(% green space of total space)	<i>EKI & WKI Proportion of total land that is nature-oriented (%)</i>	76%	76%	76%	76%	76%	76%
	<i>BLB Proportion of total land that is nature-oriented (%)</i>	0%	0%	0%	0%	0%	0%
	<i>PKI(b) Proportion of total land that is nature-oriented (%)</i>	0%	0%	0%	0%	0%	0%
	<i>IAK Proportion of total land that is nature-oriented (%)</i>	19%	19%	19%	19%	19%	19%

Figure 3: Satellite view of EKI building and green spaces (Map data ©2018 Google)



Figure 4: Satellite view of WKI building and green spaces (Map data ©2023 Google)



5 Legal requirements

The EIB Group is required to comply with a range of applicable environmental legislation at local, national and European levels. These laws form the mandatory legal requirements that the EIB Group has committed to meet as part of its EMS.

To comply with these requirements, the EIB Group maintains a comprehensive register of environmental regulations that was compiled and is maintained by an external environmental regulations expert on a regular basis. This register includes, but is not limited to, the following:

- Environmental permits issued by the Luxembourg Ministry of Environment;
- Regulations on the recycling, separation and disposal of waste;
- Regulations on health and safety, including the storage, handling and disposal of hazardous substances;
- Regulations on emission of air pollutants, gases and dust;
- Regulations on energy efficiency, energy management, building maintenance and refrigerant usage;
- Regulations on water, wastewater, effluent and sewage.

The EIB Group holds operating permits for owned buildings, which include EKI and WKI, issued by the Luxembourg Ministry of Environment, Climate and Sustainable Development, and the Ministry of Labour, Employment and the Social and Solidarity Economy. The EIB Group does not hold operating permits for the rented buildings in scope, which include BLB, PKI-b and IAK, but rather has a responsibility to operate these buildings as a tenant.

The EIB Group declares that it complies with the requirements of the applicable legislation and its operating permits for the buildings under its responsibility, except for the volume of hazardous substances stored in the WKI building and for which a remedial action plan is being implemented. Please refer to Annex IV for the relevant permits.

Compliance with environmental regulations applicable to the buildings is managed by the relevant business area in the Buildings and Logistics Department within the Group Corporate Services Directorate.



6 Communications

We believe that our staff are the driving force in helping the EIB Group achieve its EMAS targets and supporting the continual improvement of our internal environmental performance. The success of the EIB Group’s EMS depends on the full participation and involvement of all staff members Group-wide.

Therefore, we continue to consult our staff and involve them in EMAS-related aspects, thus gaining their support and commitment.

In recent years greater emphasis has been placed on using virtual platforms to communicate with staff, such as the EIB Group intranet for articles and videos, inter-institutional events and the EMAS@EIB.org inbox. In 2023 the EIB Group continued to hold in-person activities, including bike repair workshops, Climate Fresk workshops, and participation in the inter-institutional EMAS days. The EIB Group maintains a log of scheduled sustainability-related communications within the Group which includes documentation of the activity, objectives, communication channel and results.

<p>Case Study Gamification of change in sustainable behaviour</p>
<p>On the occasion of the EIB Group Games organised every five years, the EIB Group organised the three-week ecological challenge called “ My Little Planet”. Participants were able to take individual action to reduce their environmental footprint by completing up to 60 ecological and social challenges and discover how to decrease their individual carbon and environmental footprint in 15 categories: mobility, food, energy, biodiversity, digital use, among others Everyone plays and validates the challenges through an app, at their own pace and “à la carte”.</p> <p>800 colleagues across 51 teams validated close to 5 000 sustainability challenges which were estimated to represent the avoidance of the emissions of 32 tonnes of CO₂e, 5 million litres of water saved and the avoidance of 600 kg of waste.</p>

Annex I — EMAS validation

Validation declaration

Community Eco-Management and Audit Scheme (EMAS)

VINÇOTTE nv

Jan Olieslagerslaan 35, 1800 Vilvoorde, Belgium

Based on an audit of the organisation, visits of its site, interviews with its staff, and the examination of the documentation, the data and the information, documented in the verification report N° **61395729**, VINÇOTTE nv declares, in its capacity as environmental EMAS verifier with registration number BE-V-0016, accredited for the scope 1, 10, 11, 13, 16, 18, 19, 20 (excl. 20.51), 21, 22, 23, 24, 25, 26, 27, 28, 29, 30.2, 30.9, 31, 32, 33, 35, 36, 37, 38, 39, 41, 42, 43, 45, 46, 47, 49, 50, 52, 53, 55, 56, 58, 59, 60, 62, 63, 70, 71, 72, 73, 74, 79, 80, 81, 82, , 84, 85, 86, 87, 88, 90, 93, 94, 95, 96, 99 (NACE-code), to have verified whether the sites as indicated in the **environmental statement 2024** of the organisation

EIB Group with registration number **LU-000007** (if available)

located at

**100, Boulevard Konrad Adenauer
2950 Luxembourg
Luxembourg**

and used for:

All technical and administrative activities which support the core business, carried out within the EKI - WKI - PKI-b - IAK and BLB buildings in Luxembourg.

Meet all requirements of Regulation (EC) No 1221/2009 on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS), as amended by Regulations (EU) 2017/1505 and (EU) 2018/2026.

By signing this declaration, I declare that:

- The verification and validation has been carried out in full compliance with the requirements of Regulation (EC) No 1221/2009 amended by Regulations (EU) No 2017/1505 and (EU) 2018/2026.
- The outcome of the verification and validation confirms that there is no evidence of non-compliance with applicable legal requirements relating to the environment.
- The data and information of the **environmental statement 2024 of the organisation** reflect a reliable, credible and correct image of **all sites** activities, within the scope mentioned in the environmental statement.

This document is not equivalent to EMAS registration. EMAS registration can only be granted by a Competent Body under Regulation (EC) No 1221/2009 amended by Regulations (EU) No 2017/1505 and (EU) 2018/2026. This document shall not be used as a standalone piece of public communication.

Declaration number: **18 EA 105b**
Date of issue: **23 December 2024**



For the environmental verifier:

A handwritten signature in black ink, appearing to read "Eric Louys".

Eric Louys
Chairman Certification Commission



Annex II — Methodological assumptions

To report the Group's carbon footprint and the metrics required in this environmental statement, it is necessary in certain circumstances to estimate, extrapolate or convert consumption data. The EIB Group follows the World Resources Institute GHG Protocol, and therefore details in this annex all assumptions made, and steps taken, thereby demonstrating conformity with the reporting principles of consistency and transparency.

Headcount

- All headcount data contained herein are reported in terms of the total number of contracted employees, instead of the number of full-time equivalent staff. Employee figures for all buildings include only EIB Group staff, and thus exclude contractors, for consistency with the methodology used to calculate the Group's carbon footprint.

Buildings

Electricity

- Monthly electricity consumption data were recorded by building from 2018 – 2023.
- Scope 2 electricity emissions are considered zero CO₂e on a net basis, as all purchased electricity is sourced from 100% renewable sources.
- The conversion factor for electricity consumed is sourced from the Institut Luxembourgeois de Regulation (ILR).

Purchased steam

- Monthly steam consumption data were recorded by building from 2018 – 2023.
- The emissions factor is sourced from the supplier, Ville de Luxembourg, and is specific to each building. In 2017 the Kirchberg plant was converted to use over 50% wood pellets and has been increasing that figure since then (62% for EKI, WKI, PKI(b) and IAK). Purchased steam at BLB has been 100% biomass for all years considered in this statement.

Data centres

- Monthly consumption data are reported to the EIB Group from our external data centres.
- The conversion factor for electricity consumed is sourced from the Institut Luxembourgeois de Regulation (ILR).
- Scope 2 electricity emissions are considered zero CO₂e on a net basis, as all purchased electricity used within data centres is sourced from 100% renewable sources.

Water

- Monthly water consumption data were recorded by building from 2018 – 2023. The Defra emissions factor for water supply and wastewater is applied to water consumption data.¹⁶

Waste

- Since 2018, monthly waste consumption data by waste type and treatment type have been available for all buildings.
- Conversion of waste to CO₂e uses emissions factors sourced from Defra.

¹⁶ Defra is the UK government's Department for Environment, Food and Rural Affairs. Its emissions factors, published annually since 2002, are used to calculate the EIB Group's carbon footprint. For consistency, the same emissions factors are used here.

Paper

- Paper consumption and emissions are calculated using supplier statistics of output from our local printers as well as procurement data from our copy centre.
- The copy centre data include procurement data for our local printers and so these data are excluded to avoid double counting. The local printer statistics show the total number of A3 and A4 pages printed each month across all office printers.
- Historically, it was not possible to determine the proportion of pages printed that were single or double-sided. Analysis suggested that the majority of printing was double-sided; therefore, it was assumed that all printing was double-sided.
- In 2019, the EIB Group was able to obtain the exact breakdown of single-sided vs. double-sided printing. The split, which was 71% single-sided and 29% double-sided, has therefore been used to recalculate and restate paper consumption back to 2016. Accurate data on the percentage split were available for 2020.
- We also take account of paper size (such as A3, A4) and paper weight (grams per m²), converting all paper into sheets of 100gsm A4 equivalent. The total weight of paper consumption is converted into emissions using Defra emissions factors for material use.
- The total consumption is then apportioned to the buildings within the EMAS scope based on percentage headcount of the Group total.

Fugitive emissions – refrigerants

- We receive an annual report by building, detailing the type and amount of gas added during testing and top-up activities.
- Conversion of refrigerant leakage to CO₂e uses emission factors sourced from the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report.

Mobility

Flights

- We receive a detailed breakdown of all flights from our travel agent, with details of total distance, cabin class, origin and destination.
- This information is used to determine the “haul” according to Defra classifications (such as “Domestic” — to/from the United Kingdom; “Short Haul” — <3 700 km to/from the United Kingdom; “Long haul” — >3 700 km to/from the United Kingdom; and “International” — any flights that are not to or from the United Kingdom).
- Conversion to CO₂e uses the Defra emissions factors for flight haul and cabin class (such as economy, business, etc.).
- Total emissions from flights are then apportioned to the buildings within the EMAS scope based on percentage headcount of the Group total.

Rail

- We receive a detailed breakdown of all rail travel from our travel agent, with details of total distance, origin, destination, etc.
- Conversion to CO₂e uses Defra emissions factors for “international rail.”
- Total emissions from rail travel are then apportioned to the buildings within the EMAS scope based on percentage headcount of the Group total, although we are working to provide a more accurate data set using staff location.

Commuting

- For 2018 – 2020, we recorded the average number of available car parking spaces per month and subtracted the number from the total available spaces to give the average used spaces per month. An average daily commute distance of 35 km was then applied based on a 2007 EU survey¹⁷ and multiplied by the number of working days to give the total distance per month/quarter.

¹⁷ <http://delano.lu/d/detail/news/study-french-dominate-capital-luxembourgers-commute-furthest/156262>

- From 2021 onwards, the annual distance travelled via commuting was estimated by using the number of days employees are in the office and a transport profile derived from an internal mobility survey conducted in 2021. This employee profile defines an average distance and a distribution of the various modes of transport. An average daily commute distance of 25 km was applied based on the survey responses.
- Conversion to CO₂e then uses the Defra unknown average vehicle emissions factor.
- Total emissions from commuting are then apportioned to the buildings within the EMAS scope based on percentage headcount of the Group total.

Homeworking

- Homeworking emissions were considered non-material and not reported until 2020 when they were integrated into the organisational boundary due to the increased number of employees working from home during the COVID-19 pandemic.
- Homeworking emissions include energy use from office equipment provided by the EIB Group for use while teleworking and home heating/cooling energy requirements.
- Several assumptions were used and applied to 100% of colleagues known to be working from home, including:
 - Amount of time working from home: A five-day, 40-hour work week with 28 days of annual leave entitlement deducted.
 - Power consumption of office equipment: 140 W per desk, from the *Chartered Institution of Building Services Engineer's Guide F: Energy efficiency in buildings* (2012).
 - Power consumption of lighting in home offices: 10 W
 - Number of days requiring heating: 182 days (October to March), for 10 hours per day
 - Power consumption of heating system: 12 000 kWh per year for domestic gas usage, of which 77% is attributed to heating (from the UK Office of Gas and Electricity Markets (Ofgem)).
- Total electricity consumption was converted to CO₂e using grid average emission factors.
- Total heating consumption was converted to CO₂e using appropriate emission factors.

Company cars

- Monthly odometer readings are taken for each company-owned vehicle.
- Mileage in km is determined by subtracting the previous reading from the latest one.
- Emissions are calculated using the manufacturer's stated CO₂e per km travelled for each vehicle.
- The average emissions factor is calculated based on the total and sourced from Defra.

Car rentals

- All car rental data are sourced from two main providers:
 - one gives a detailed breakdown of mileage travelled for both petrol and diesel cars;
 - the other gives a summary of average km travelled per day each quarter, with fuel type not specified.
- Total mileage is determined by aggregating these figures and then apportioning these to the buildings within the EMAS scope based on percentage headcount of the Group total.
- Emissions are calculated using Defra emissions factors for average petrol, average diesel and unknown average, respectively.

Courier

- Activity data are provided as the number of shipments. The number of shipments is converted to CO₂e using an emissions factor per shipment from EIB Go Green DHL.
- Total emissions from couriers are then apportioned to the buildings within the EMAS scope based on percentage headcount of the Group total.

Minibuses

- The data provided cover total fuel consumption and mileage for the shuttle minibuses.
- Since September 2022 all minibuses have been 100% electric.
- Conversion to CO₂e prior to 2022 is based on the manufacturer's emissions factor of CO₂e per litre of fuel consumption. As from 2023, the minibus emissions are included in the electricity consumption.

Annex III: List of operating permits

ISSUE DATE	AUTHORISATION NUMBER
02/04/2005	2005 02 04 AUTORISATION-MINENV EKI Extension — REF 1.03.0548
04/02/2005	2005 04 02 AUTORISATION-MINENV Commodo Administration de l'Environnement REF 1.2003.0548 — EKI
21/04/2005	2005 04 21 AUTORISATION-MINENV EKI Modifications — REF 1.03.0548.A
19/05/2002	2005 05 19 AUTORISATION-MINENV EKI Accusé de réception de déclaration réservoirs — REF 4.05.0084
16/08/2006	2006 08 16 AUTORISATION-MINENV EKI Modifications — REF 1.06.0289
20/02/2007	2007 02 20 AUTORISATION-MINENV EKI Modifications des installations de production d'énergie électrique de secours — REF 1.06.0600
18/06/2007	2007 06 18 AUTORISATION-MINENV EKI Modifications — REF 1.03.0548.B.
27/02/2008	2008 02 27 AUTORISATION-MINENV EKI Utilisation de quelques matériaux contenant de faibles quantités de substances halogénées — REF 1.08.0015.
06/02/2008	2008 06 02 AUTORISATION-MINENV EKI Modifications de certaines installations — REF 1.08.0091
01/08/2009	2009 01 08 AUTORISATION-MINENV EKI Modifications des installations — REF 1.08.0430
17/02/2011	2011 02 17 AUTORISATION-MINENV EKI WKI Sécurisations en froid — REF 1.10.0557
28/11/2012	2012 11 28 AUTORISATION-MINENV EKI Production Froid 900 KW — REF 1.12.0251
31/07/2014	2014 07 31 AUTORISATION-MINENV EKI Modifications des installations — REF 1.14.0384.
18/03/2015	2015-03-18 – AUTORISATION MINEV – 1-14-0631 — Dérogation mesures émissions GE — REF 1.14.0631
16/01/2016	2016-01-16 – AUTORISATION MINEV – 1-15-0450 — Modification installation — Réservoir 35000l — REF 1.15.0450
20/06/2022	2022-06-20 – AUTORISATION MINEV – 3-22-0346 — Modification installations de production de froid — REF 3.22.0346
09/09/2022	2022-09-09 0 AUTORISATION MINEV – 3-22-0346 — Modification installations de ventilation — REF 3.22.0346
19/01/2006	2006-01-18 AUTORISATION MINEV BLB Prolongation autorisation d'exploitation classe 1 REF 1.92.3185
30/03/2012	2012-03-30 AUTORISATION MINEV IAK Démolition immeuble « Centre Albert Wagner » REF 1.11.0233
13/03/2007	2007-03-13 AUTORISATION MINEV PKI Construction/exploitation trois immeubles REF 1-06-0339
13/03/2007	2007-03-13 AUTORISATION MINEV PKI Construction/exploitation immeuble Président C REF 1-06-0340
14/11/2001	2001-11-14 AUTORISATION MINEV WKI et WKI extension autorisation extension et mise en conformité REF 1.10.0111
27/02/2002	2001-11-14 AUTORISATION MINEV WKI et WKI extension autorisation extension et mise en conformité REF 1.10.0111.A
01/03/1993	1993-03-01 AUTORISATION MINEV WKI et WKI extension maintien de l'exploitation et extension REF 1.92.0324
24/01/2014	2014-01-24 AUTORISATION MINEV WKI et WKI extension mise en conformité des installations (arrêté 1.10.0111) REF 1.13.0259
27/08/2019	2019-08-27 AUTORISATION MINEV WKI et WKI extension prolongation du délai de mise en exploitation (arrêté 1.13.0259) REF 1.18.0576



ENVIRONMENTAL STATEMENT 2024

Including 2023 performance data



EN 11/2024