



# IGEL

## Environmental Performance Report 2022

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Bremen  
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## 1 Introduction

The scope of this report is related on the IGEL locations in Augsburg, Bremen and Reading. The following environmental aspects will be addressed in this report:

- Travel activities (SDG 13)
- Energy use (SDG 7)
- Paper use (SDG 12)
- Water use (SDG 6)
- Safety hazards (SDG 12)
- Scope 1 and Scope 2 greenhouse gas (CO<sub>2eq</sub>) emissions (SDG 13)

All of them are related on the sustainable development goals (SDGs<sup>1</sup>, see title page) and the IGEL Code of Ethics.<sup>2</sup>

The environmental data for each of these aspects has been assured by the independent third-party ISO 9001 and ISO 14001 audits in October 2023 (verification of the IGEL Integrated Management System for Quality and Environment).

## 2 Environmental Performance

### 2.1 Environmental Goals

The IGEL Environmental Goals and achievements are addressed in Table 1 and the following chapters:

Goal	Achievement
Reducing of travel activity	See chapter 2.2
5% reduction of energy use per year	See chapter 2.3
5% reduction of paper consumption per year	See chapter 2.4
Reduction of water consumption	See chapter 2.5
Reduction of component consumption	Increasing use of share workplaces
Reduction of waste	Improving separation of recyclable fractions
Minimising of safety hazards	Frequently monitoring and evaluating of safety hazards within the internal ISO audits.

Table 1: Environmental Goals Achievements

### 2.2 Travel Activities (SDG 13)

Online meetings have been successful established. This had reduced the travel activities.

Internal and external online training are provided by the IGEL Academy.<sup>3</sup>

### 2.3 Energy Use (SDG 7)

#### 2.3.1 All locations

For saving energy an information folder has been designed and distributed (see Figure 1).

<sup>1</sup> <https://sdgs.un.org/goals>

<sup>2</sup> <https://www.igel.com/company/vision>

<sup>3</sup> <https://learn.igel.com/learn>

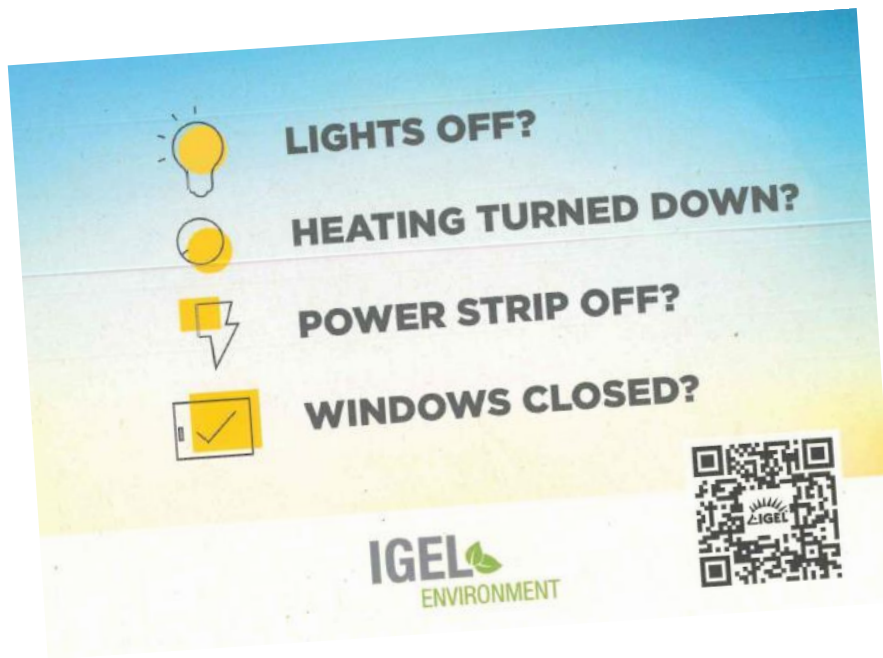


Figure 1: Energy Folder

Augsburg and Bremen offices have been equipped with temperature loggers, too.

2.3.2 Augsburg

In 2022 there was a strong reduction in the eco electricity consumption. This was due to a move of the internal development data centre into an external centre.

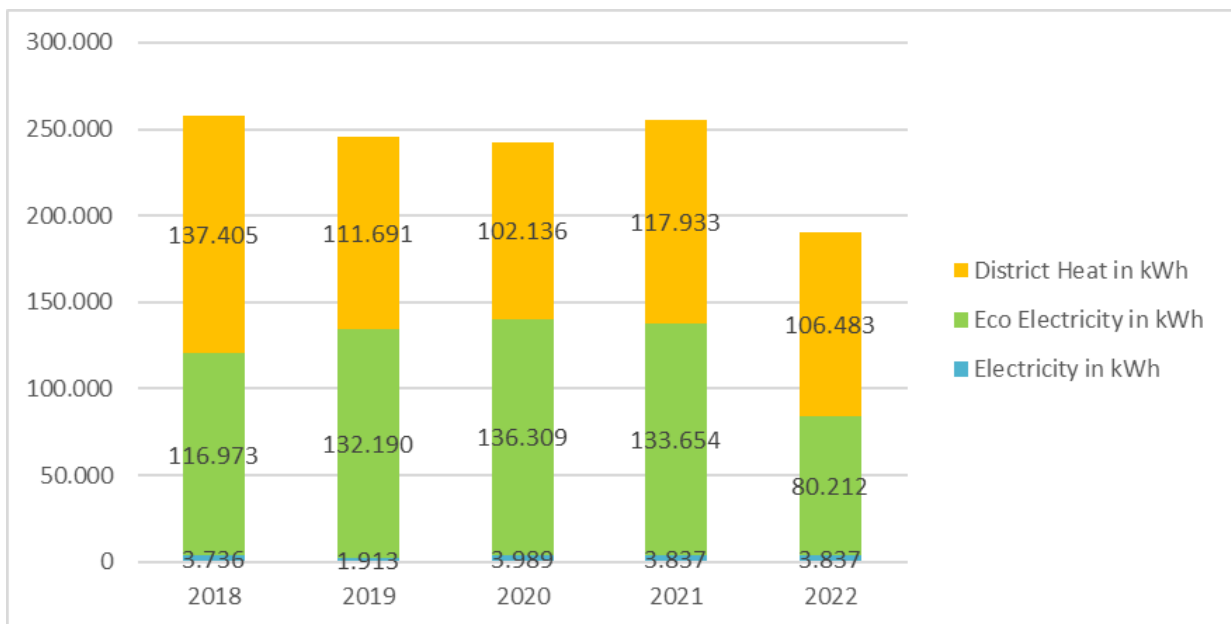


Figure 2: Total Energy Use Augsburg

### 2.3.3 Bremen

In 2021 Bremen has moved to a new location and stopped the shipment of hardware. That's the reason why the electric energy consumption has declined in 2021 and 2022.

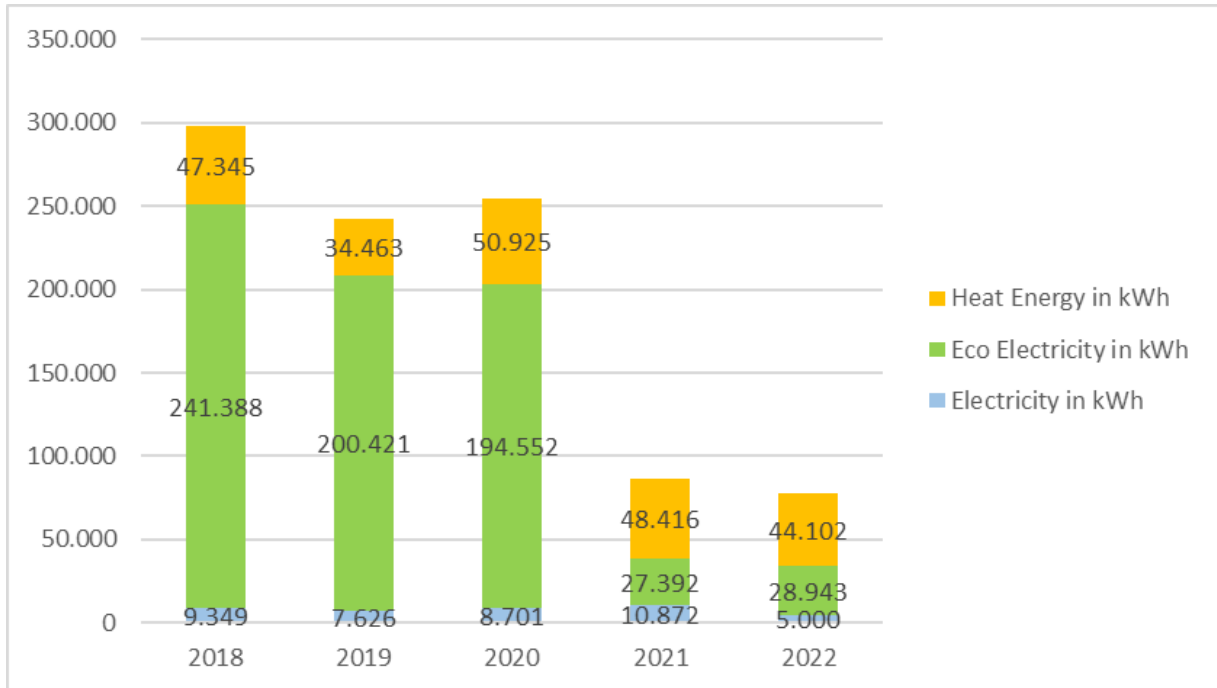


Figure 3: Total Energy Use Bremen

### 2.3.4 Reading

Due to an increased remote work in the UK, the energy consumption has decreased until 2022.

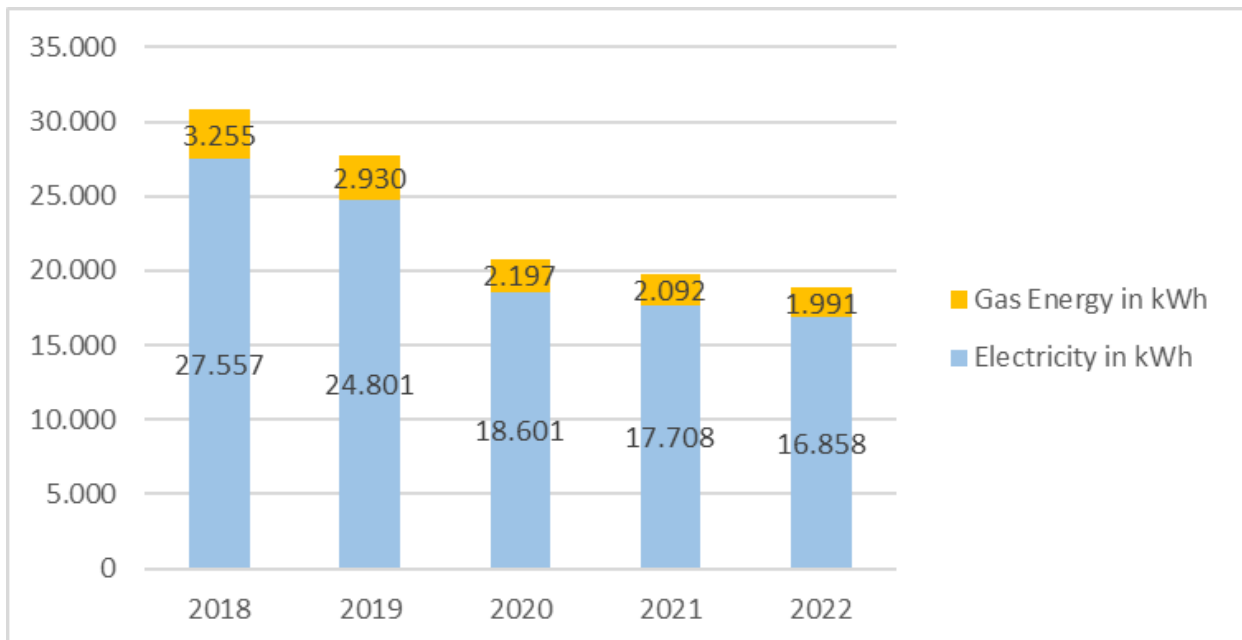


Figure 4: Total Energy Use Reading

2.4 Paper Use (SDG 12)

One important goal in the environmental management system is the reduction of printer paper and toner by 5% yearly. The figures below describe the development in Augsburg, Bremen and Reading.

2.4.1 Augsburg

Due to the pandemic situation Augsburg had a strong reduce of paper consumption in 2020. In 2022 the consumption has increased a bit because more persons came back to the office (see Figure 5).

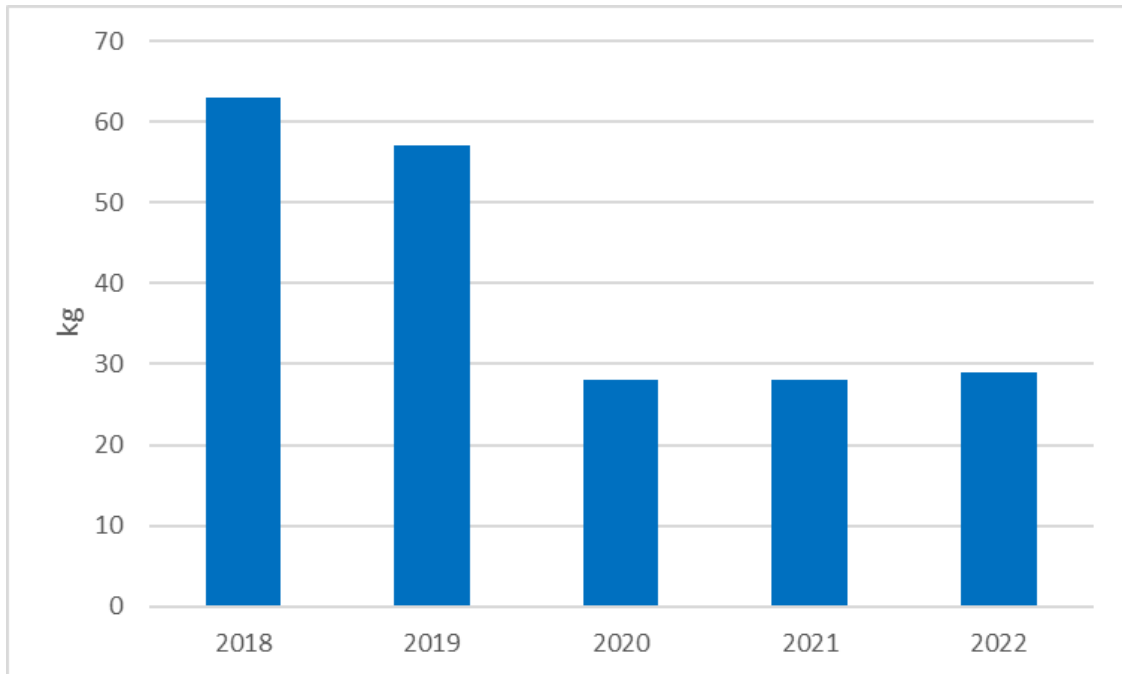


Figure 5: Paper consumption Augsburg

2.4.2 Bremen

Bremen achieved a strong paper consumption reduction until 2022. The reason is the stopped shipment of hardware in Bremen mid of 2021.

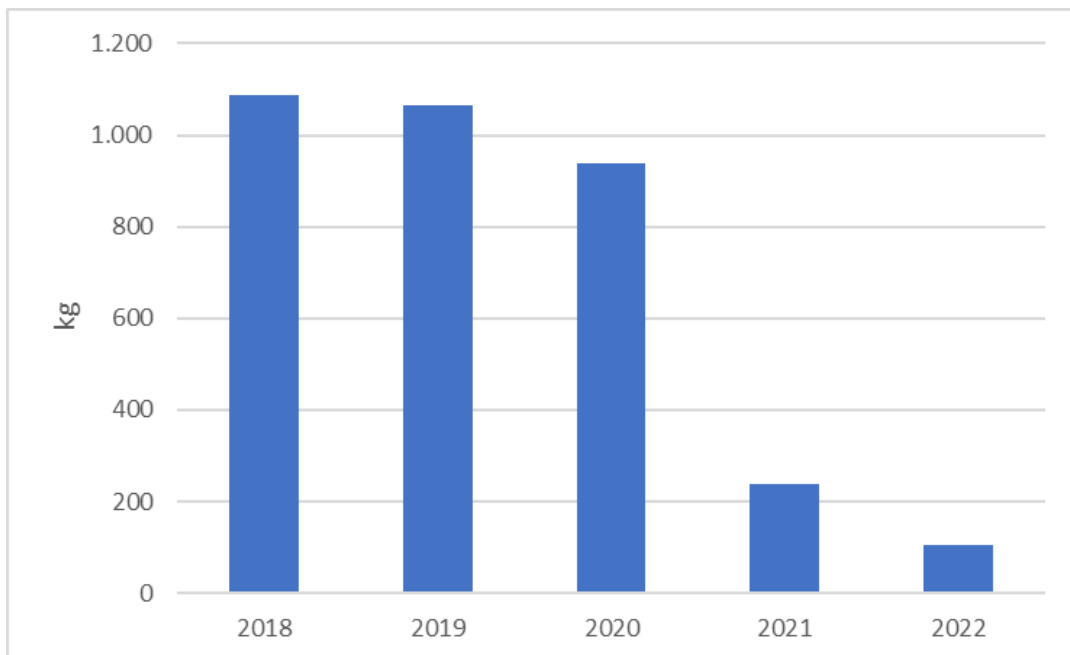


Figure 6: Paper consumption Bremen

2.4.3 Reading

Due to the pandemic situation the paper consumption was low in 2022, too.

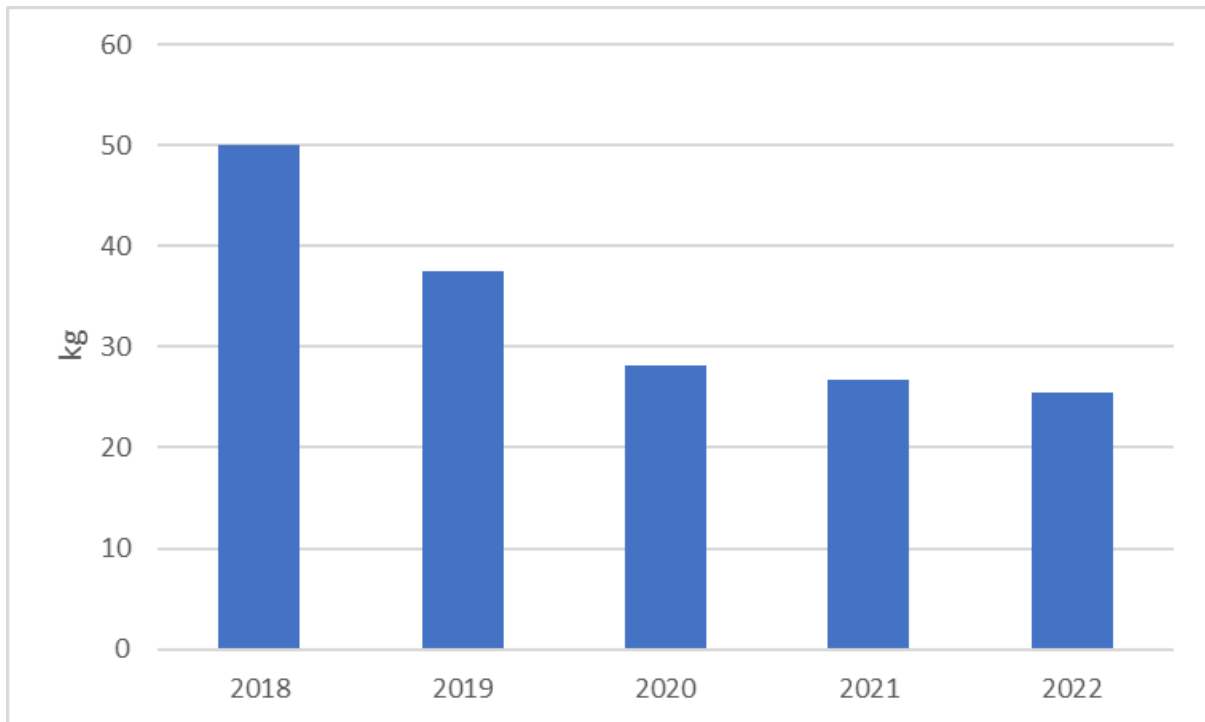


Figure 7: Paper consumption Reading

2.5 Water Use (SDG 6)

2.5.1 Augsburg

Due the increased mobile office use caused by the pandemic situation in 2020 and 2021 there was a stronger reduction of water consumption. In 2022 there was a slight increase because more persons came back to the office.

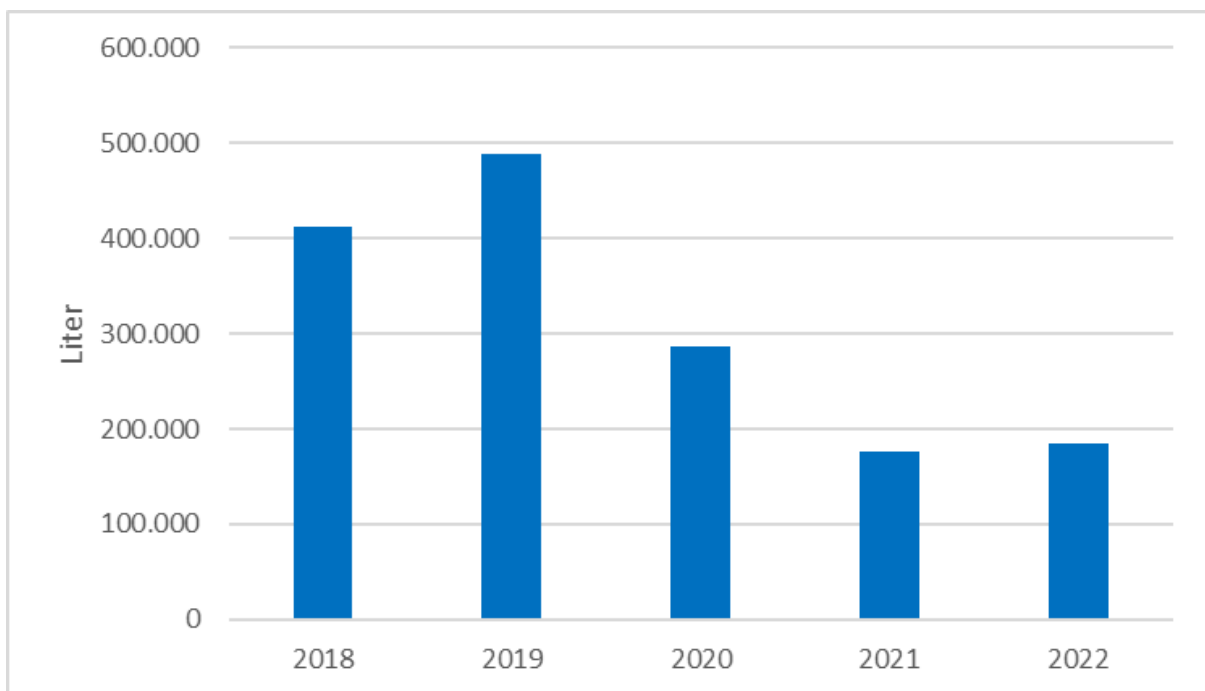


Figure 8: Water consumption Augsburg

### 2.5.2 Bremen

Like in Augsburg, the strong reduction of water use was caused by the mobile office use, too. Additionally, the production and warehouse facilities in Bremen had been closed mid of 2021.

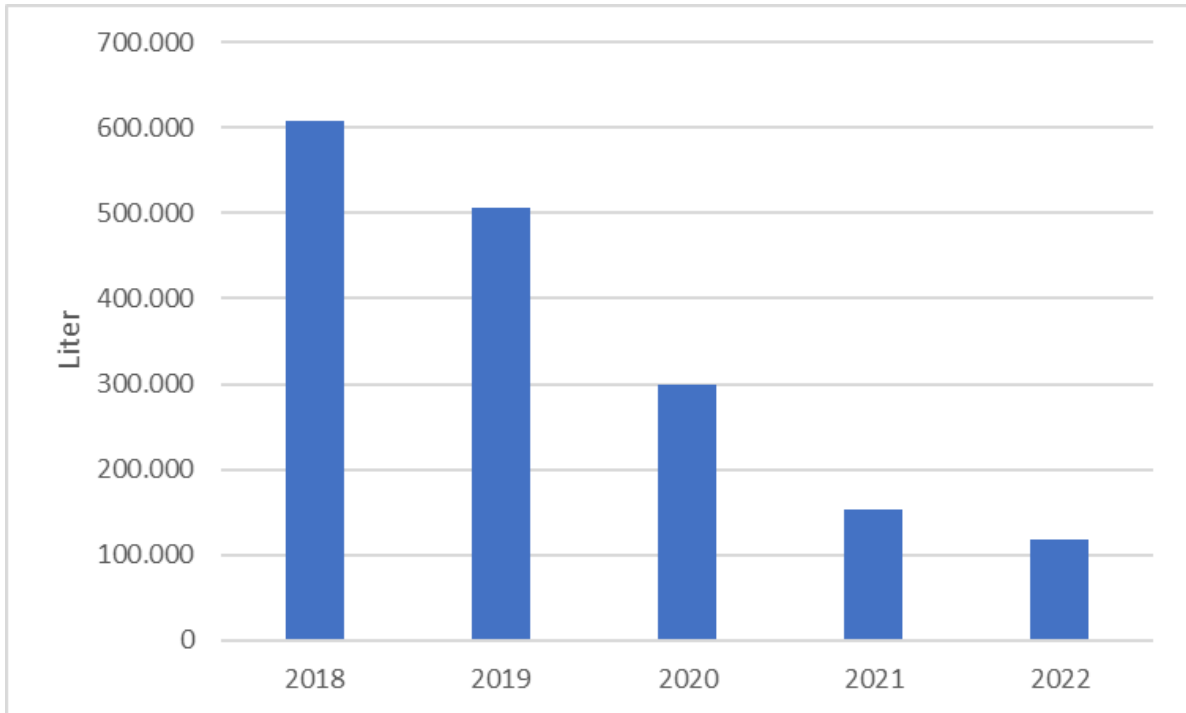


Figure 9: Water consumption Bremen

### 2.5.3 Reading

Like in Augsburg and Bremen the reduction of water use was caused by the mobile office use in 2022, too.

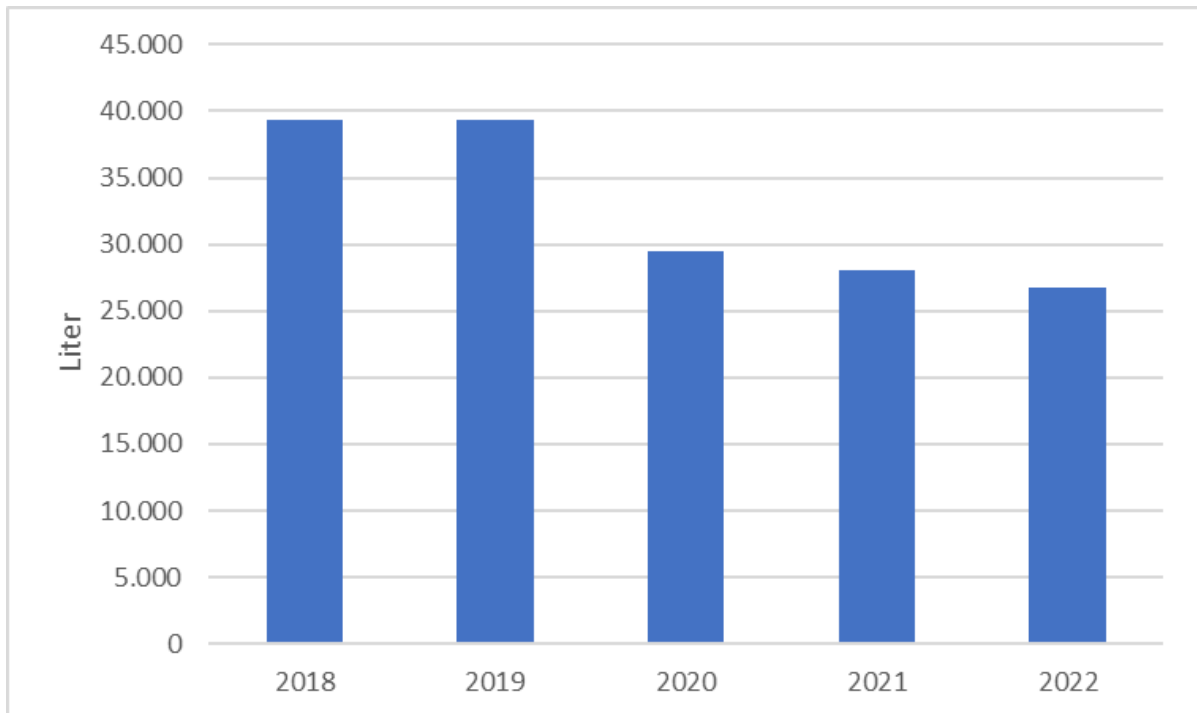


Figure 10: Water consumption Reading

## 2.6 Greenhouse Gas (CO<sub>2eq</sub>) Emissions (SDG 13)

### 2.6.1 Augsburg

Until 2020 district heat (Fernwärme) for heating the building has the main impact on the GHG emissions in Augsburg. Due to another calculation basis of the district heat provider, the emissions have been reduced on zero. Therefore, Electricity has the main impact of the office building since 2021. Other emissions (like Waste = 82,0 kg CO<sub>2eq</sub>) are in lower level. Due to a strongly reduced emission factor<sup>4</sup> for Drink and Wastewater the emission reduction (77,9 kg CO<sub>2eq</sub>) is lower than the water consumption reduction.

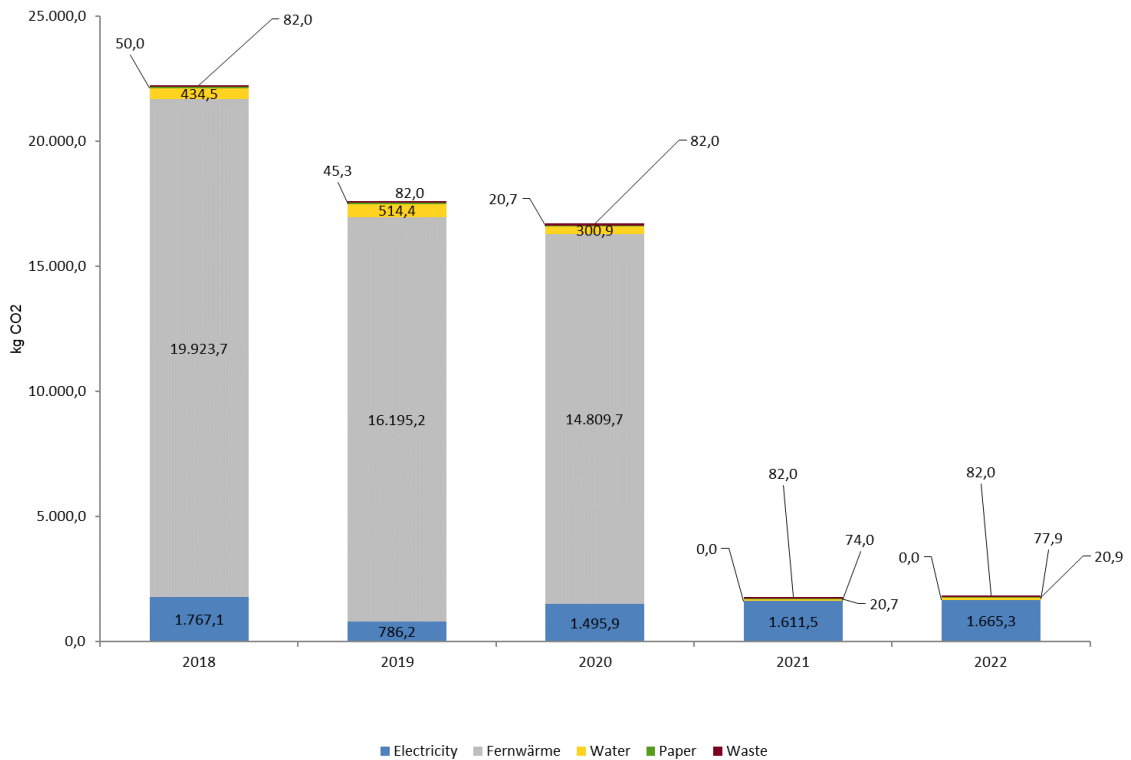


Figure 11: Scope 1, 2 GHG Emissions Augsburg Office

<sup>4</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>



### 2.6.2 Bremen

Like in Augsburg mainly eco electricity is in use (carbon neutral). That's the reason for the low GHG rate in relationship to Gas. Beside electricity, other emissions were reduced from 2020 to 2022. Main reason for this reduction was the office move and the pandemic situation with an increased use of mobile work.

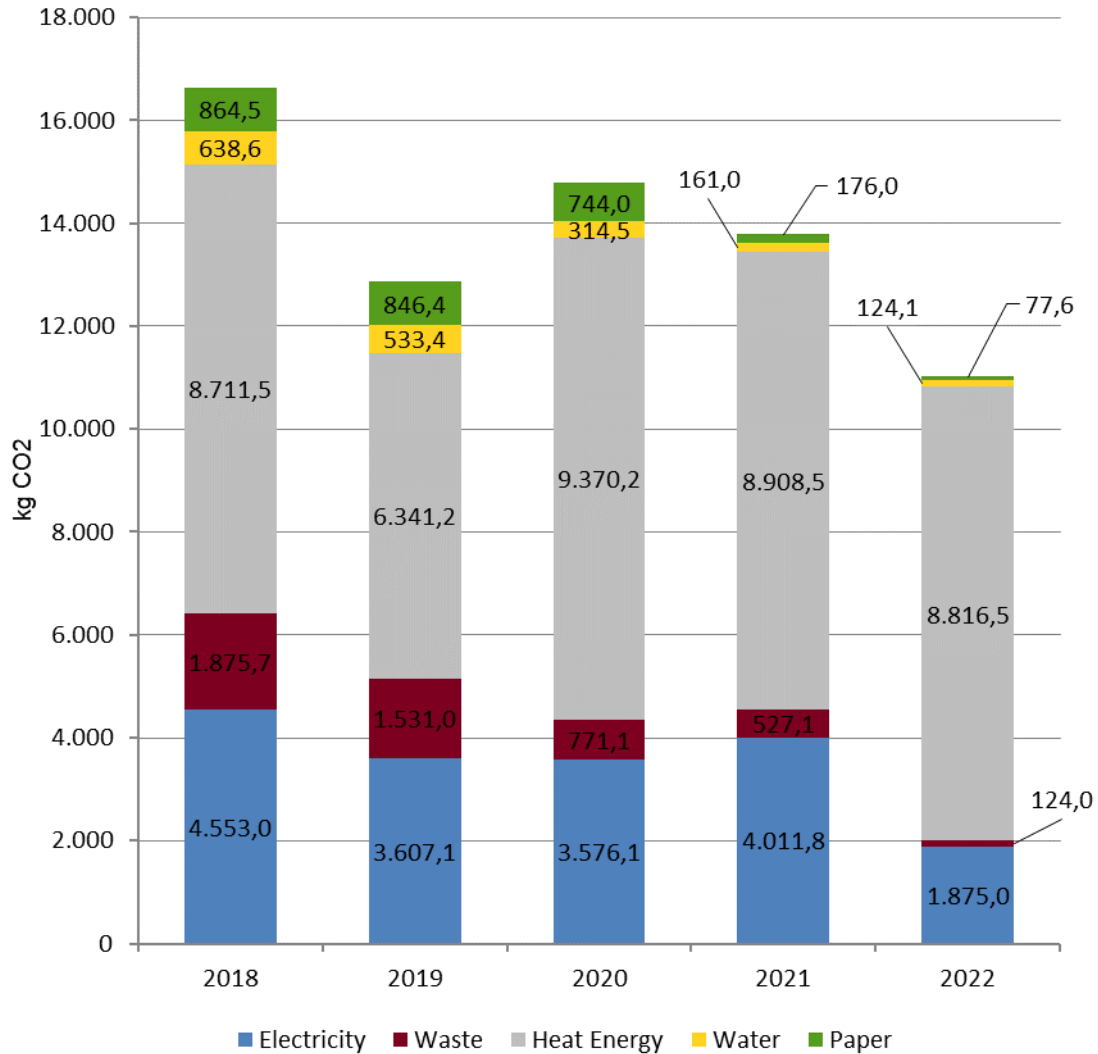


Figure 12: Scope 1, 2 GHG Emissions Bremen Office

## 2.6.3 Reading

In Reading, electricity accounts for the largest proportion of indirect CO<sub>2eq</sub> emissions. The main reason for the reduction of these emissions from 2021 to 2022 was an office move.

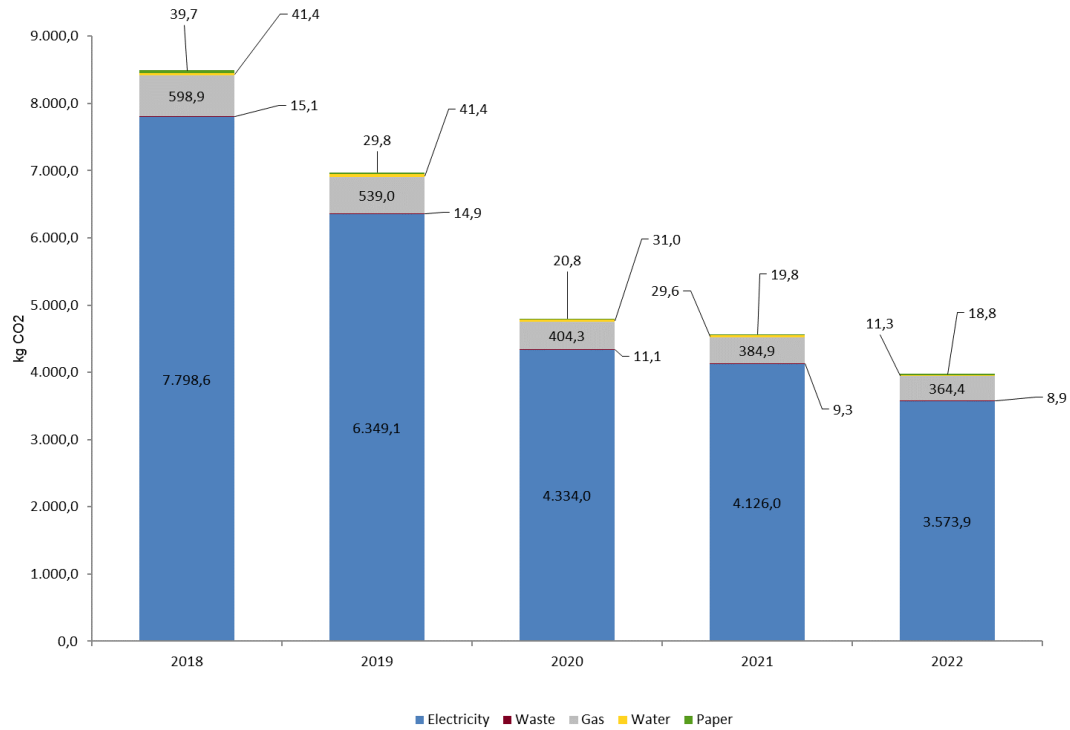


Figure 13: Scope 1, 2 GHG Emissions Reading Office

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