

ENVIRONMENTAL REPORT

2020

Bidfood Belgium



Your sustainable partner

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Introduction

For the third consecutive year, Bidfood publishes a report of its environmental performance. This report is an opportunity to take stock of the progress made by Bidfood in managing the environmental impacts of its distribution activities.



Scope



This report covers the 2020 environmental performance of all Bidfood Belgium sites. The following indicators are part of this report :

- Electricity consumption
- Renewable energy usage
- Natural gas consumption
- Fuels usage
- City water usage
- Waste production
- Carbon footprint

Structure

This report contains four parts :

1. Short review of each site of the Bidfood Belgium group
2. Consolidated results for the year 2020 for the Bidfood Belgium group
3. Detailed results of our Foodservice sites
4. Detailed results of our Horeca sites

Consolidated results

For each environmental parameter examined, the report details consumption of production values for the year 2020 for the Bidfood Belgium group. Comparative values related to domestic life are established to allow a better understanding of the data.

When the data are available, a comparison of the annual results of the last 3 years is carried out. An evolution trend analysis is established. This makes it possible to measure the improvements in performance achieved.

Sites detailed results

The detailed results are presented separately for :

- Foodservice sector and
- Horeca service sector

Values are presented for each indicator for the last 3 years.



Our sites

The Bidfood Belgium group is made up of five distribution sites. The Thuin and Kruiseke sites are dedicated to Foodservice. The Beringen, Dilbeek and Oudenaarde sites are specialized in the Horeca sector.



Bidfood Belgium is an integral part of the international Bidcorp group. Bidfood Belgium means putting the resources and expertise of a globalized group at the disposal of local needs at the best price: glocalization. The main mission of Bidfood Belgium is the continuous creation of values for its customers through a personalized approach and anticipation of their needs while ensuring regular “one-stop-shopping” delivery throughout Belgium and Luxembourg. These reasons mean that Bidfood Belgium is today a major player in the Foodservice market in Belgium.

Bidfood SA



Built in 2004, the site located in Thuin is the largest distribution center of the Bidfood Belgium group. Responding to a clientele mainly from community catering and large accounts, the diversification of the range offered also makes it possible to satisfy Horeca customers. The large fleet of trucks attached to the site covers the whole of Belgium.

Features

- Year of construction: 2004
- Staff: 351
- Surface area: 35,000 m²
- Number of trucks (owned):

Bidfood Flanders NV



This ultra-modern warehouse was built in 2014 in Kruiseke and is equipped with the latest technological advances in insulation and energy saving. Located a stone's throw from the city of Antwerp, close to the motorway, this site is ideally located to serve our customers in the north of the country.

Features

- Year of construction: 2014
- Staff: 72
- Surface area: 8.400 m²
- Number of trucks (owned): 25

Our sites - 2

Bidfood De Clercq NV



Completely renovated in 2005, the buildings have a logistics and storage organization certified according to the autocontrole guide for wholesale trade and approved as a cold store with the FASFC*. Initially specializing in dairy products, the company has now extended its food and non-food range to satisfy the entire out-of-home sector. Its fleet of trucks supplies the provinces of East and West Flanders as well as part of the province of Antwerp.

Features

- Year of construction: 2000
- Staff: 37
- Surface area: 5,000 m²
- Number of trucks (owned): 10

*Federal Agency for the Safety of the Food Chain

Bidfood Horeca Service NV



The frozen department was expanded in 2020 to double the storage capacity and the entire warehouse has been reorganized. The buildings have a logistics and storage organization certified according to the autocontrole guide for wholesale trade with the FASFC*.

Horeca Service has a fleet of trucks covering the whole of Flanders and part of the Netherlands on a daily basis.

Features

- Year of construction: 2007
- Staff: 130
- Surface area: 14,000 m²
- Number of trucks (owned): 29

Bidfood Makady NV



Built in 2011, the Bidfood Makady distribution center specializes in the Horeca sector, more specifically in products for fast food restaurants and chip shops.

Thanks to its versatile fleet of trucks (Foodtrans company part of Bidfood Belgium), Bidfood Makady loosens the entire Brussels region. The trucks are adapted to the constraints of delivery in urban areas.

Features

- Year of construction: 2011
- Staff: 43
- Surface area: 5,000 m²
- Number of trucks (owned): 20



BIDFOOD BELGIUM 2020 RESULTS

Electricity

Electricity is mainly used (by refrigeration units) for the production of cold in storage spaces. To a lesser extent, electricity is used for lighting installations and the operation of computer equipment and handling machines.



Purchase

2020



8.146.922 kWh of electricity were purchased in 2020 by Bidfood Belgium.

This is equivalent to the electricity consumption of 522 families of 4 people living in a house of 100 m² and using electricity for heating and hot water*.

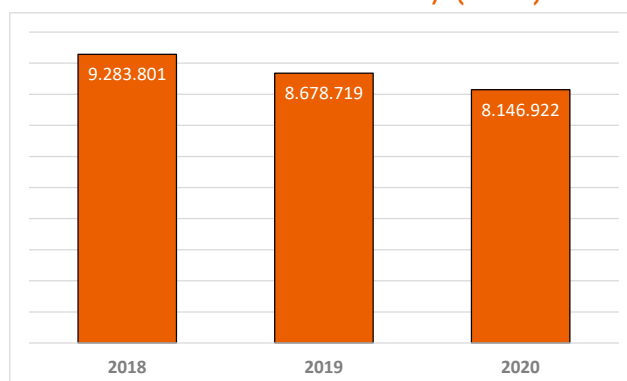
This represents 2.240 tons of CO₂ equivalent. (1 kWh of electricity = 0,275 kg CO₂ equivalent)

Trends

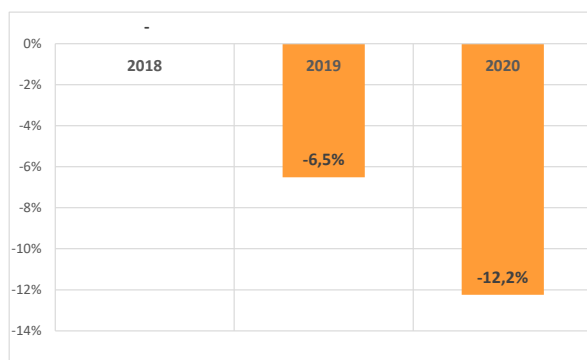
In 2020, we notice a decrease in electricity consumption (purchased) of more than 6% compared to 2019. This lowering is the reflection of the investment made but is also influenced by the slowdown in activities during the Covid crisis.

This reduction represents an economy of 146 tons of CO₂ equivalent in comparison of the consumption of 2019. This is equivalent to the the yearly consumption* of 10 families.

Purchase electricity (kWh)



Cumulative evolution (%)



Compared to 2018, electricity consumption fell by more than 12%. The investments made by Bidfood are paying off. This reduction is strongly impacted by the slowdown in activities following the Covid crisis.

In early December 2020, two sites merged (Bidfood Langens & Bidfood Bestfood) to form Bidfood Horeca Service in Beringen. This merger will also lead to a reduction in electricity consumption in 2021.

Renewable energy

Among the Bidfood Belgium sites 3 out of 5 are equipped with solar panels : Bidfood SA (Thuin), Bidfood Flanders NV (Kruibeke) and Bidfood Horeca Service (Beringen). The installation of solar panels on the Bidfood Makady site is currently under study.



Usage

2020



1.474.254 kWh were used from the electricity production of our solar panels in 2020.

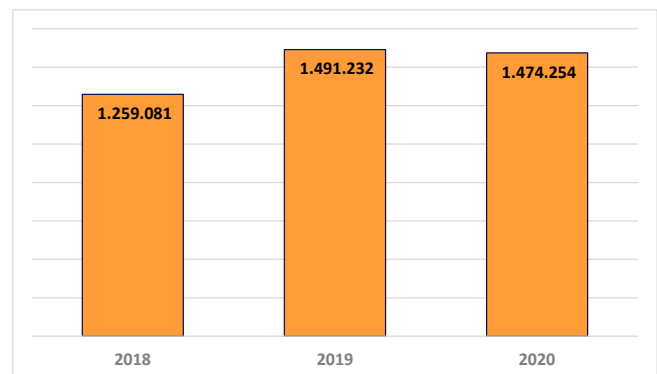
This represents the equivalent of 22 tons of CO₂. The same amount of purchased electricity is equivalent to 405 tons of CO₂. The use of renewable energy permits an economy of 383 tons of CO₂.

Trends

We see a slight decrease in usage of renewable energy in 2020. There is a decrease of 1.1%. This reduction is not significant given that the production of electricity from solar panels is highly dependent on weather conditions: duration of sunshine, cloud cover, etc.

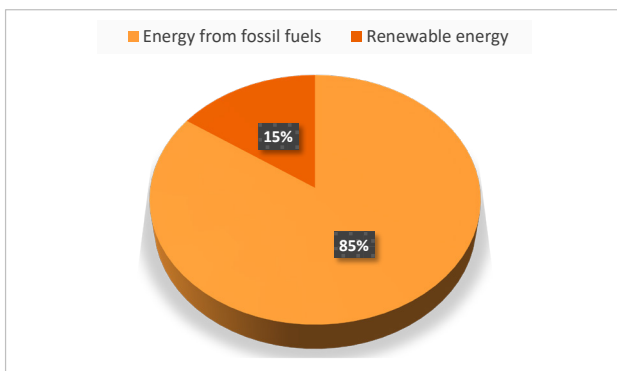
The biggest difference is noted compared to 2018. Indeed, in 2019, the Bidfood Flanders site was equipped with solar panels. The production of electricity from the solar panels began in April 2019.

Renewable energy usage (kWh)



Renewable energy proportion

Distribution of energy sources (%)



Of the total electricity consumption of the Bidfood Belgium sites, electricity from renewable sources represents a little over 15% in 2020. This percentage has increased by 3% since 2018. The proportion was then 12%.

The objective of the Bidfood group is to continue to increase the use of energy from renewable sources in the coming years.

Natural gas

Natural gas is used for the production of domestic hot water, for the heating of administrative buildings and principally for the heating of non-refrigerated storage spaces (during the winter period).



Consumption

2020



*average annual consumption of 14.320 kwh

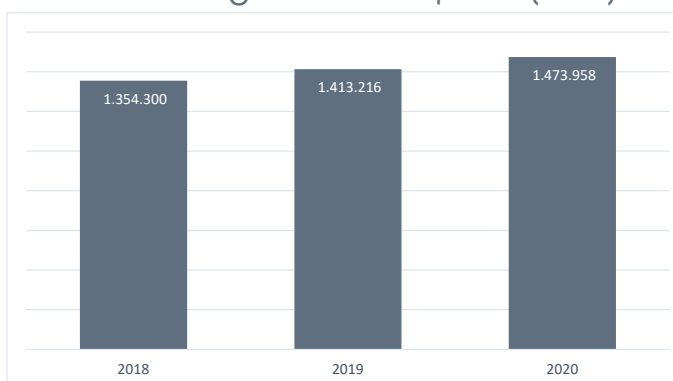
The annual natural gas use is equivalent to the annual consumption of 103 families of 4 people living in a house of 100 m² and using natural gas for the production of hot water, heating and cooking*.

Trends

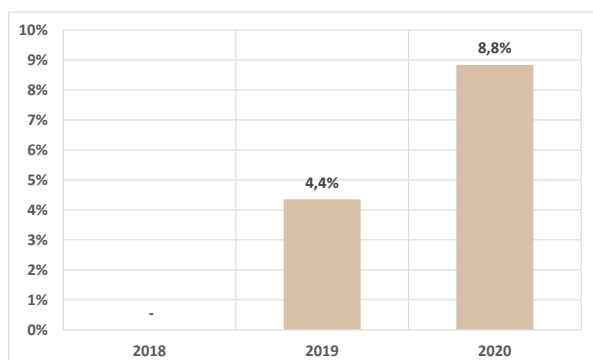
We have noticed an increase in the consumption of natural gas for 2 years. This increase is linked to the consumption of two sites: Bidfood Horeca Service and Bidfood Makady.

The increase between 2019 and 2020 represents an amount of 12 tons of CO₂ equivalent emitted into the atmosphere. This is equivalent to the the yearly consumption* of 4 families.

Natural gas consumption (kWh)



Cumulative evolution (%)



At present, we have not yet been able to determine the origin of this increase in gas consumption.

A detailed investigation is underway to determine the cause of this development and above all to find solutions in order to control gas consumption and related CO₂ emissions.

Fuels - 1

Fuels used by our delivery trucks are Diesel and CNG Compressed Natural Gas. Fuel oil is used for the cold production within the delivery trucks. The presented results are for our own trucks, subcontractors trucks are excluded.



Diesel - consumption

2020



*average 6 liters/100 km

The consumption examined concerns the 93 trucks belonging to Bidfood Belgium. The consumption of subcontracted carriers is not taken into consideration.

The annual fuel consumption is equivalent to that of a car (with an average consumption of 6 liters per 100 km) covering 10.960.397 km.

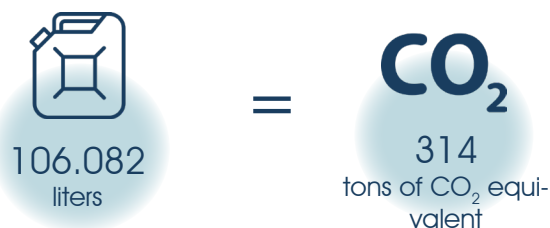
Compressed Natural Gas - CNG

2020

In 2019 and in 2020, Bidfood has invested in new trucks powered by Compressed Natural Gas (CNG).

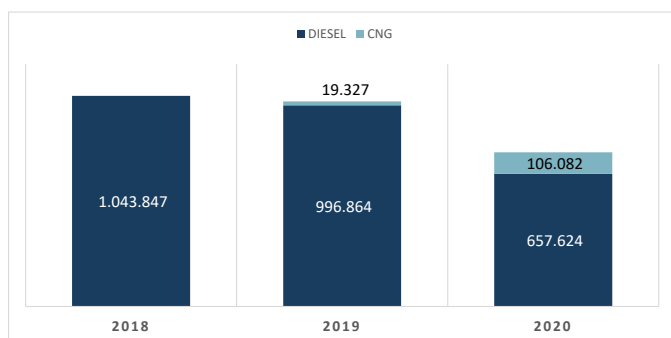
CNG has strong advantages in comparison of Diesel.

CNG-powered trucks consumption is lower than diesel-powered trucks. The CNG-powered trucks also emit 77% less particulate matter and 11% less CO₂ than a truck with a diesel engine. In addition, the CNG is cheaper than diesel.



Trends

Fuels consumption (liters)



We notice a strong lowering of the fuels consumption in 2020. The Covid crisis has a huge effect on the activities of Bidfood Belgium. Many customers are closed due to governmental restrictions. Less products and customers to deliver has an influence on the fuels consumption.

However, the impact of the use of CNG-powered trucks is clearly visible for the year 2020.

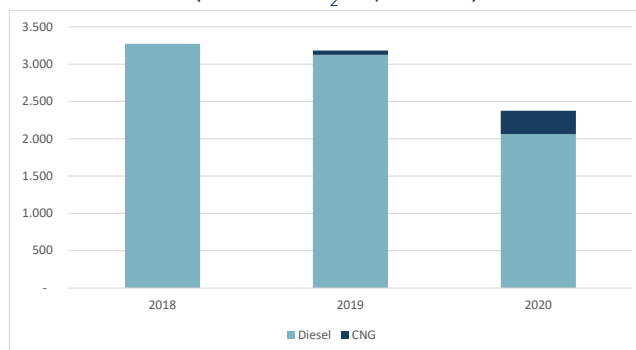
Fuels - 2

Carbon footprint

Apart from fuel consumption, it is interesting to look at the evolution of CO₂ emissions. Since Bidfood uses two types of fuel (diesel and CNG) which have different CO₂ emission factors, this indicator clearly shows the impact of CNG on carbon footprint.

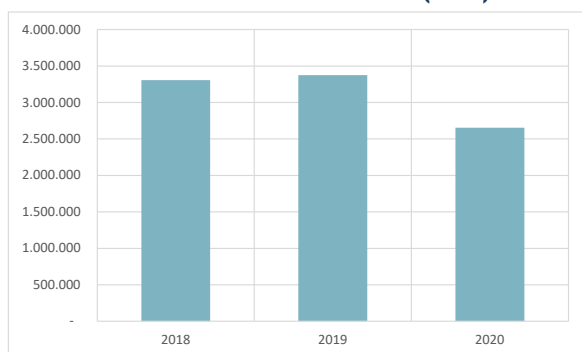
There is a 25% decrease in carbon emissions between 2019 and 2020. This reduction is strongly influenced by the slowdown of our activities due to the Covid crisis. Trucks were used less in 2020.

Carbon Footprint evolution
(tons of CO₂ equivalent)



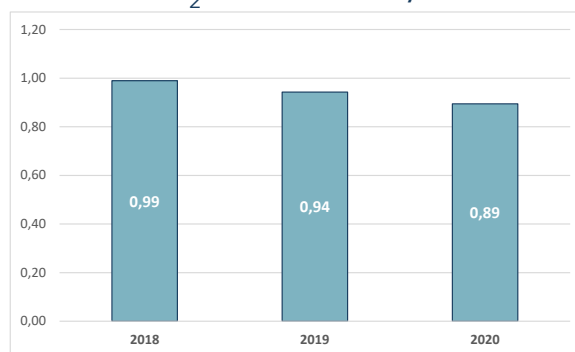
Distance traveled

Distance traveled (km)



Given the slowdown in activities, the ratio of CO₂ emissions per kilometer traveled is a relevant indicator. By analyzing this ratio, we see a decrease over the last three years.

CO₂ emissions by km



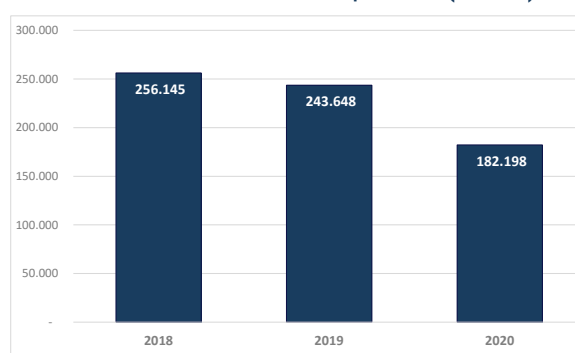
We notice a decrease of 10% between 2018 and 2020. This decrease is due to the use of CNG-powered trucks.

Fuel oil

The fuel oil is used to supply the refrigeration units of the trucks. This does not apply to all trucks. For some of them, the refrigeration unit is supplied via the main engine of the truck. Since not all trucks are equipped with the same type of system, we cannot correlate this consumption with another indicator.

There is a sharp decrease in 2020. This is due to the slowdown in activities following the Covid crisis. Trucks were used less in 2020.

Fuels oil consumption (liters)



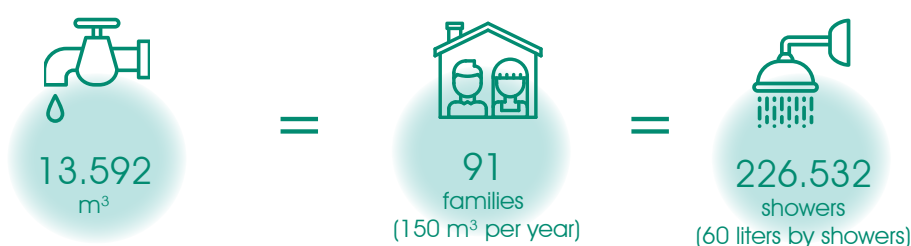
City water

City water is used for sanitary facilities (toilets, showers, ...) and on site-cleaning of the trucks in the distribution centers. Most of the consumption comes mainly from the Thuin site for the operation of the refrigeration system and for the washing machine of the plastic transport containers.



Consumption

2020



70 % of the total consumption is associated to the cold production of the site of Thuin. This is strongly dependant to the weather conditions in summer.

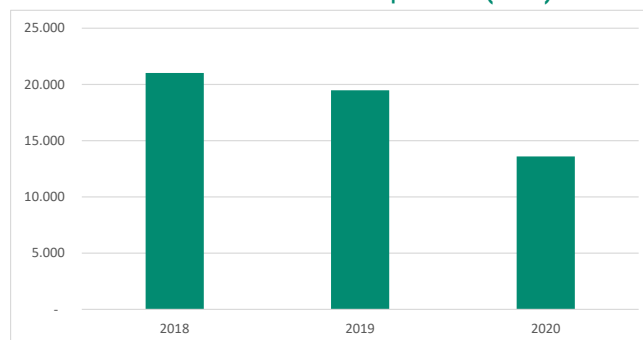
The annual city water use is equivalent to the annual water consumption of 91 families of 4 people.

Trends

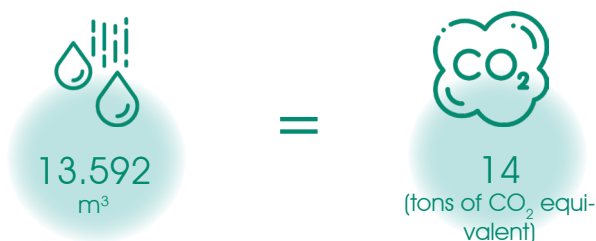
We notice a strong decrease in water consumption in the 3 years. The consumption of the year 2020 is 35% lower than the consumption of the year 2018.

This improvement is mainly due to the reduction in the cleaning of trucks on site. Due to the Covid crisis in 2020 and the decrease of the activities level, trucks were used less and the cleaning frequency was reduced.

Water consumption (m³)



Carbon footprint



We use the conversion coefficient : 1 m³ of water represent 1 kg of CO₂ emissions. This value includes wastewater treatment, the water distribution circuit and the construction of treatment infrastructure.

Water consumption in 2020 represents 14 tonnes of CO₂ equivalent. A project to change cooling towers in the Thuin site in the coming years should help us reduce water consumption considerably.

Waste Management

The waste produced by the Bidfood sites are mainly packaging waste such as cardboard, filming plastic, wood, ... and food waste (stale goods, breakage of products, ...). We distinguish three categories of waste: landfill waste, recyclable waste and energy-recovered food waste.



Waste production

2020



954
tons

=



1.735
people

*average annual production of 550 kg per person

954 tons of waste were produced in 2020. These values do not include the waste productions of the Bidfood Bestfood site (quantitative data not available).

Cardboard, plastic, wood, steel, food waste, garden waste, waste for landfill, dangerous waste (maintenance packaging waste), all these kinds of waste are sorted in our distribution centers.

The annual waste production is equivalent to the annual waste production of 1.735 people*.

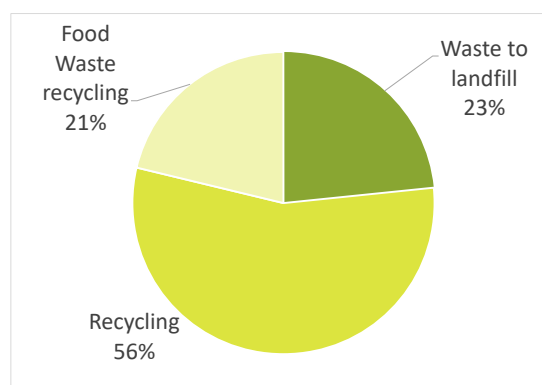
Distribution by categories

Almost 80 % of the waste production is entirely recycled. This represents almost 6% more than the sorting carried out by households in Belgium (71% of recycling)

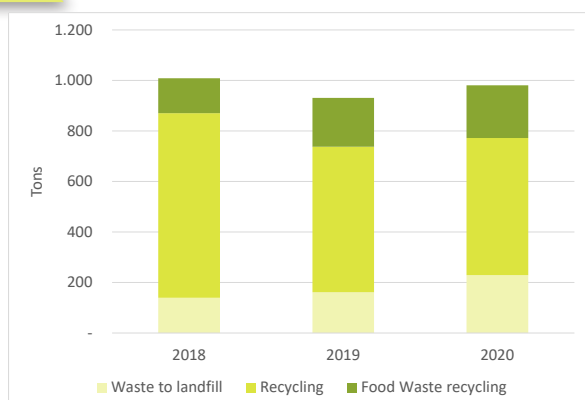
Paper, cardboard, plastic, wood, steel, batteries,... are recycled to produce new items.

Food waste is used in a process called biomethanization. Biomethanization is the use of a natural biological process that transforms organic matter to produce both renewable energy and a residue that can be used as soil and crop fertilizer.

Waste treatment



Trends



Considerable progress has been made in sorting waste. Waste recycling has been optimized for several years to account for more than 80% of waste treatment. A slight deterioration was observed in 2020. This last year was marked by the Covid crisis and organizational upheavals due to the decrease in activities.

Staff training is critical to the success of our waste sorting goals. This point is part of the continuous training set up in the sites. Sorting is becoming more efficient.

Carbon footprint

The carbon footprint is the total greenhouse gas (GHG) emissions caused by the activities of Bidfood Belgium, expressed as carbon dioxide (CO₂) equivalent. Greenhouse gases (GHGs) are gases that increase the temperature of the Earth. This involves climate changes, such as extreme precipitation and acidification and warming of oceans.

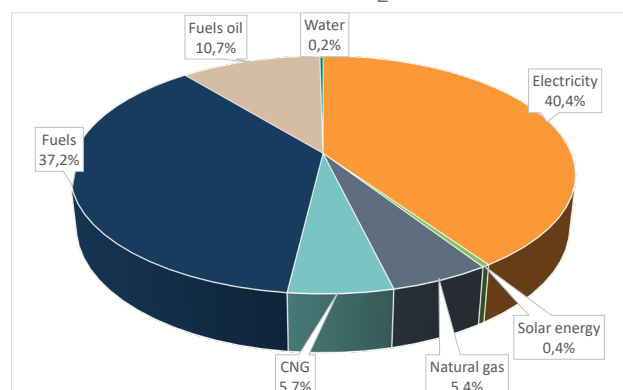


Annual emissions

In 2020, 5.545 tons of CO₂ equivalent were emitted into the atmosphere due to the Bidfood Belgium activities. 77 % of the emissions are due to grid electricity consumption for cold production and diesel consumption by the trucks.

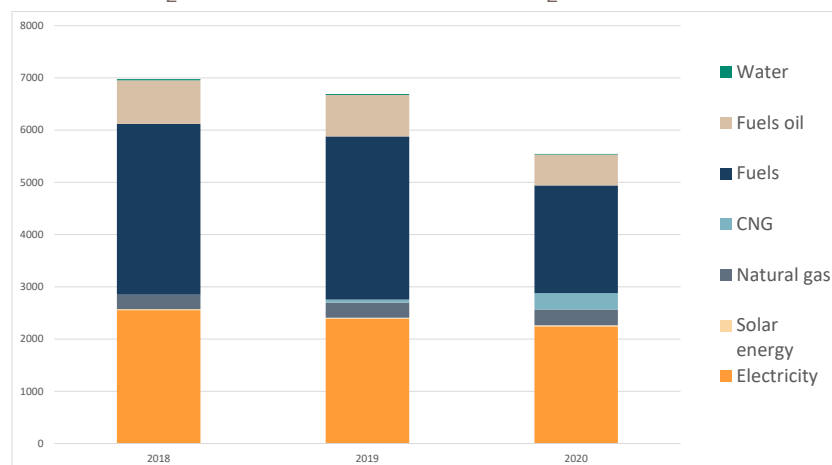
There is a positive effect on CO₂ emissions from the supply of green electricity (from solar panels) and the use of CNG for part of the delivery trucks.

Distribution of CO₂ emissions



Trends

CO₂ emissions (tons of CO₂ equivalent)



The reduction in CO₂ emissions linked to grid electricity has been observed over the past three years. We also notice the low impact of the electricity produced by solar panels.

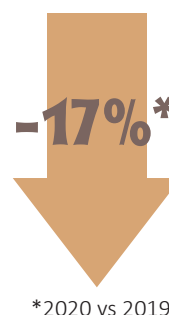
Emissions linked to natural gas consumption remain relatively stable. The impact of water use on overall emissions is negligible.

We note the decrease in emissions related to fuels and the increase in those related to CNG in a much smaller proportion.

Global CO₂ emissions decreased by 17% between 2019 and 2020. This decrease is linked to the decrease in CO₂ emissions linked to fuels. Itself linked to the decrease in activities due to the Covid crisis.

This reduction is therefore not sustainable. Emissions will increase in the coming months with the resumption of activities at the end of the health crisis.

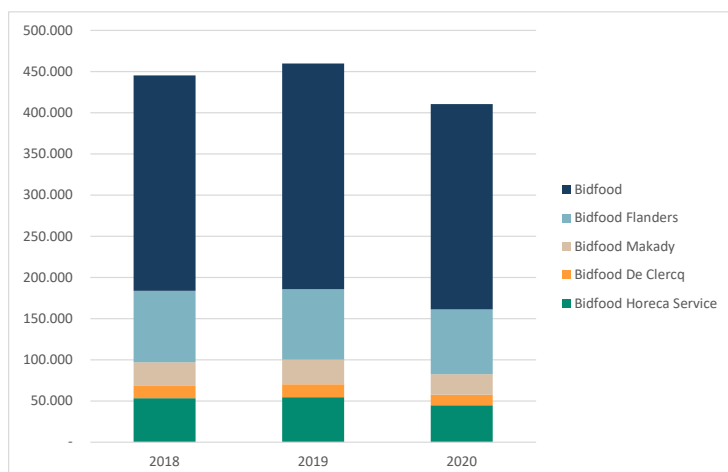
For this reason, it is necessary to report CO₂ emissions to a level of business activity.



Carbon footprint -2

Business volume

Turnover ('000 Euro)

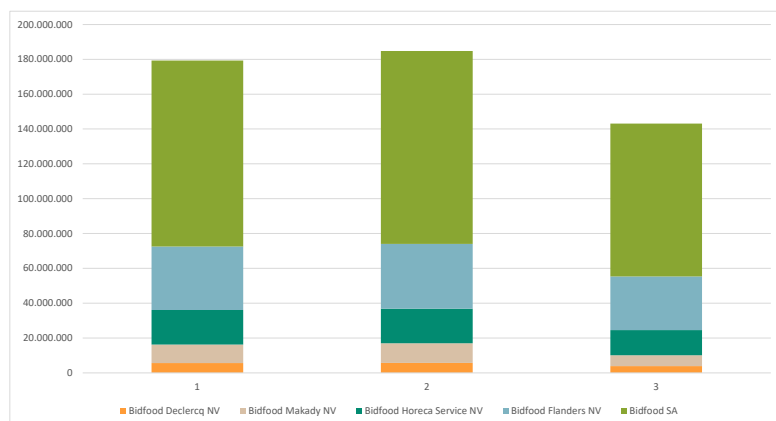


A decrease of more than 22% in the quantities (tons) delivered was recorded in 2020 (versus 2019). The Covid health crisis has severely affected the activities of Bidfood Belgium. Indeed, all restaurants, fast food, ... were closed for several months. School and business canteens have also been closed to limit the spread of the coronavirus.

Temporary unemployment and teleworking measures have been taken to limit the impact on business and on the spread of the virus.

The first half of 2021 will also be marked by this loss of business.

Quantity sold (tons)



-22,5%*

*2020 vs 2019

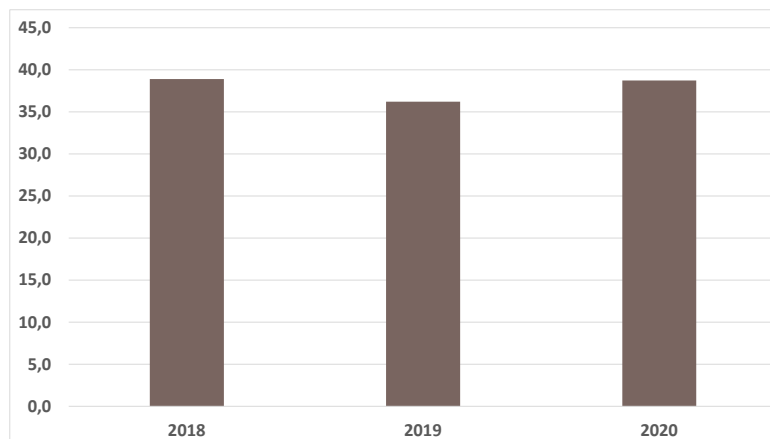
Relative emissions

Absolute CO₂ emissions are strongly linked to the level of activity of the company. If the business grows, CO₂ emissions also increase. It is therefore necessary to relate these emissions to the activity of the company.

Bidfood has chosen to follow the indicator of kg of CO₂ equivalent per tonne of goods delivered.

There is an increase in this relative value of 7% between 2019 and 2020. This is explained by the decrease in activities and the fact that certain emission items do not decrease in proportion to the loss in business volume. This is particularly the case with electricity.

Relative CO₂ emissions
(kg CO₂ equivalent/ton delivered)





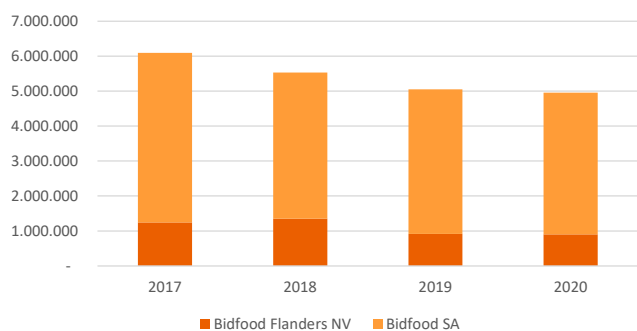
FOODSERVICE RESULTS

Bidfood SA & Bidfood Flanders NV

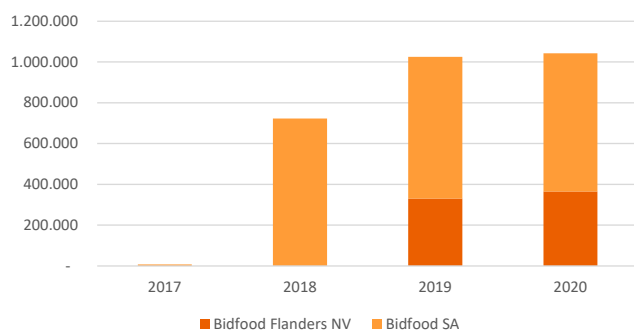


Electricity

Purchase electricity (kWh)

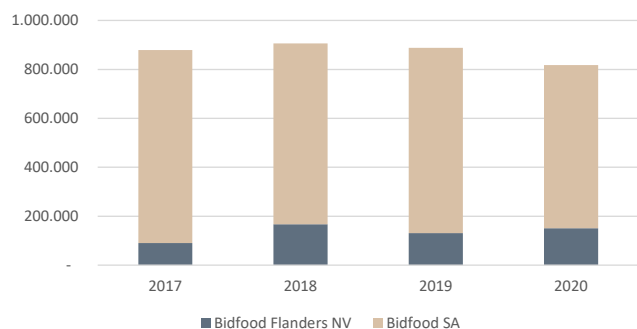


Renewable energy usage (kWh)



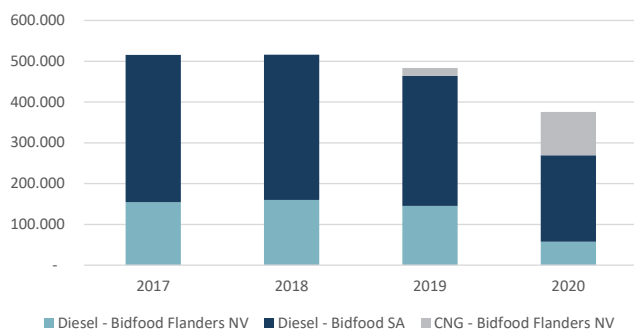
Natural gas

Natural gas consumption (kWh)



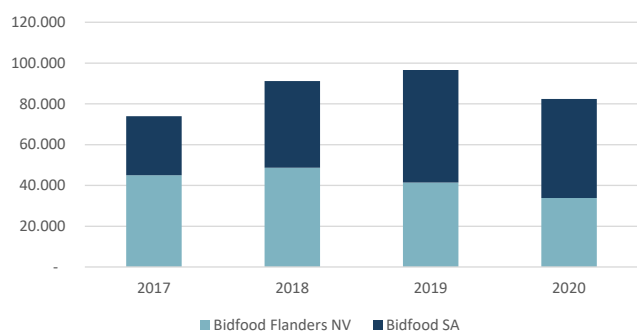
Fuels

Fuels consumption (liters)

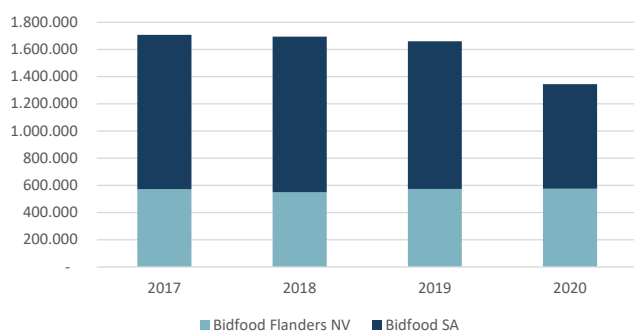


Fuels

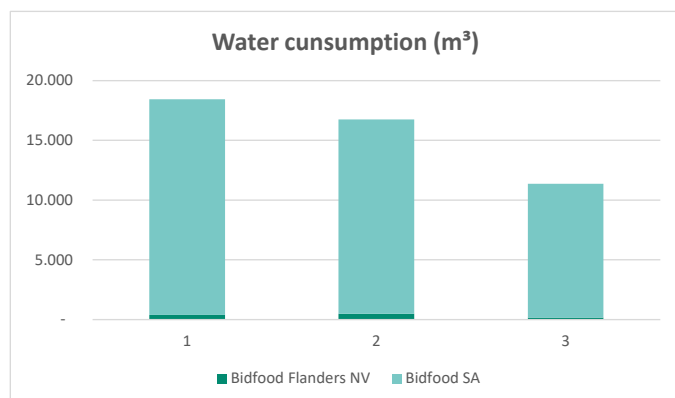
Fuel oil consumption (liters)



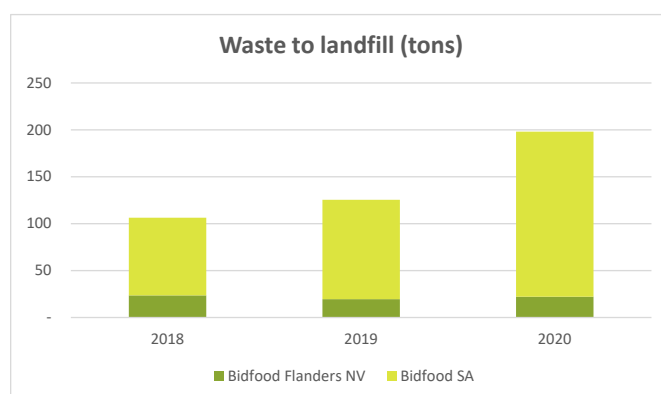
Distance traveled (km)



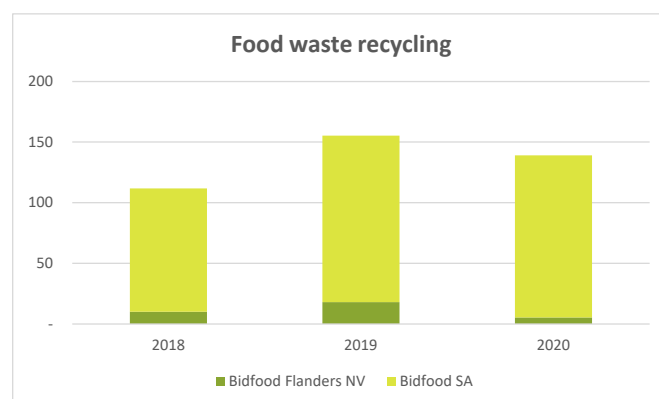
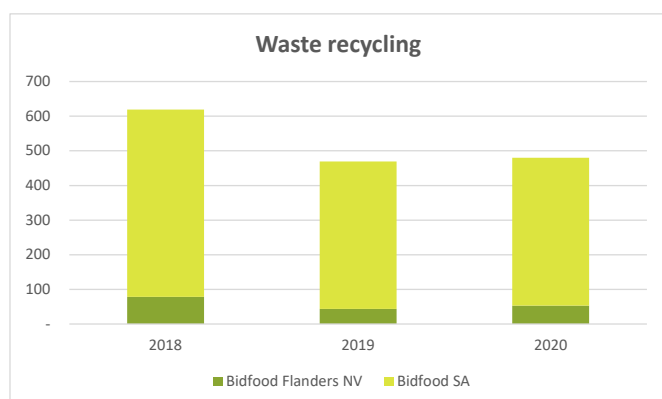
Water



Waste management



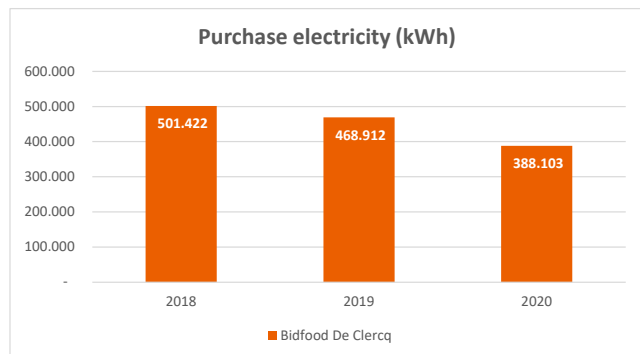
Waste management



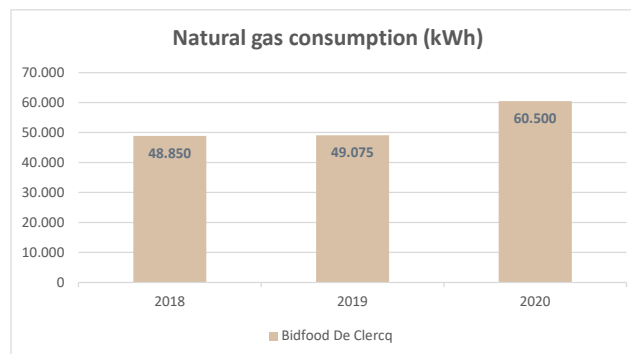


HORECA SERVICE RESULTS

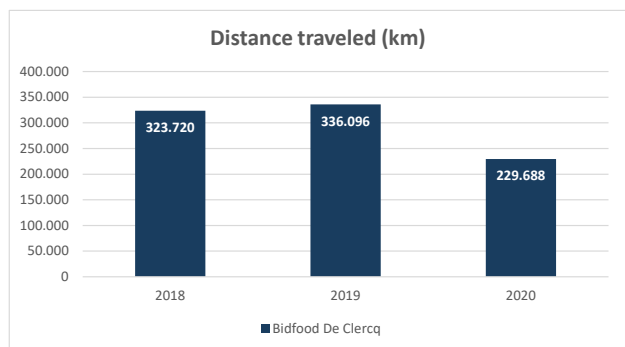
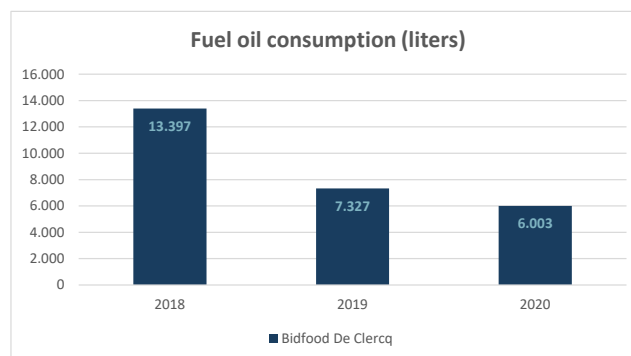
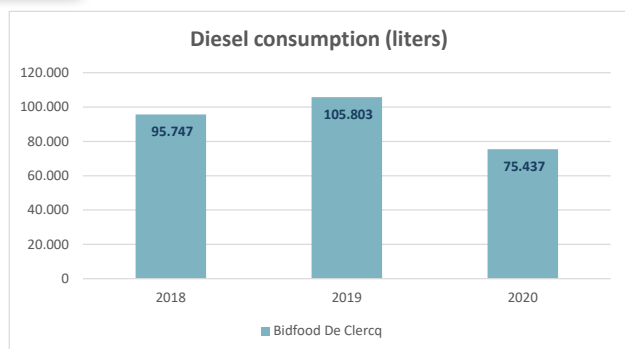
Electricity



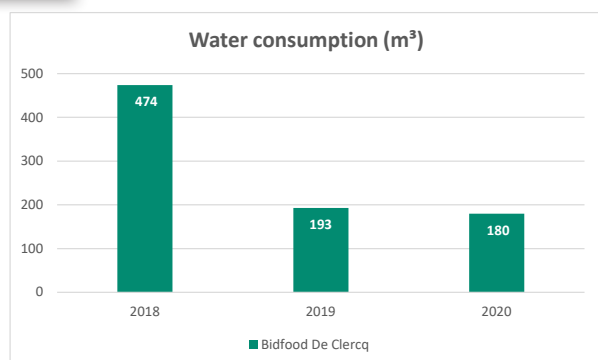
Natural gas



Fuels



Water



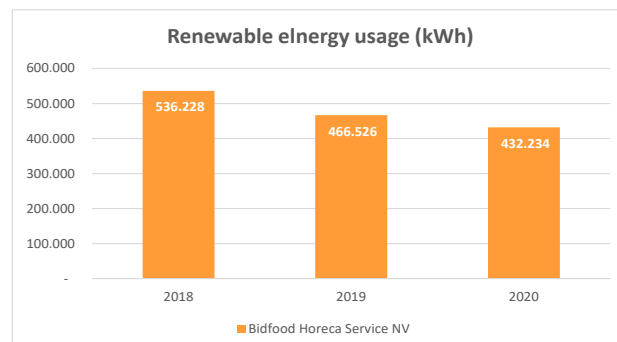
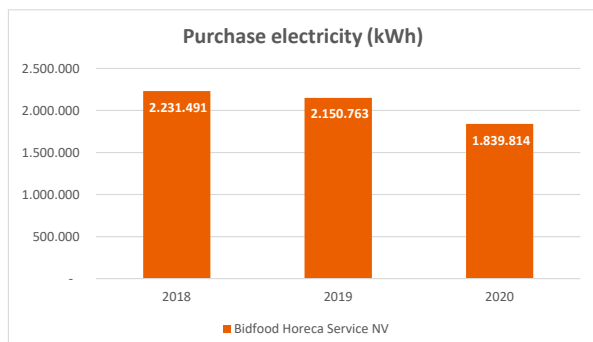
Waste management



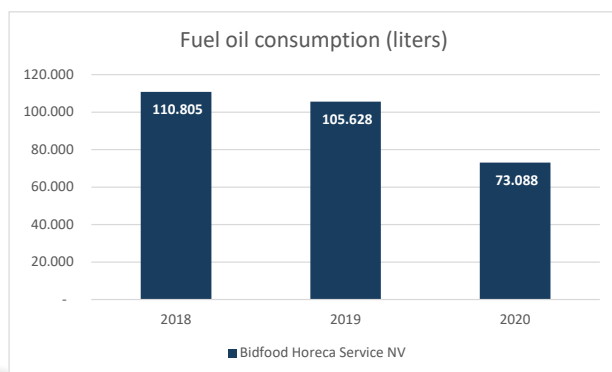
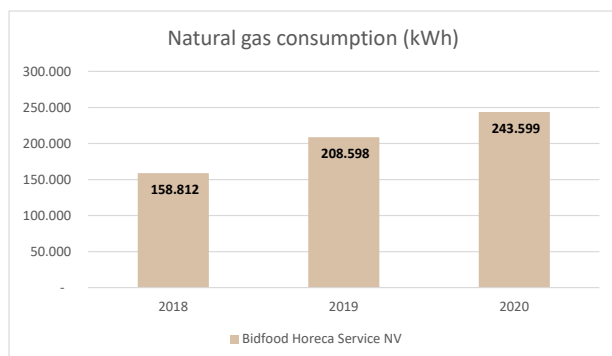
Bidfood Horeca Service NV



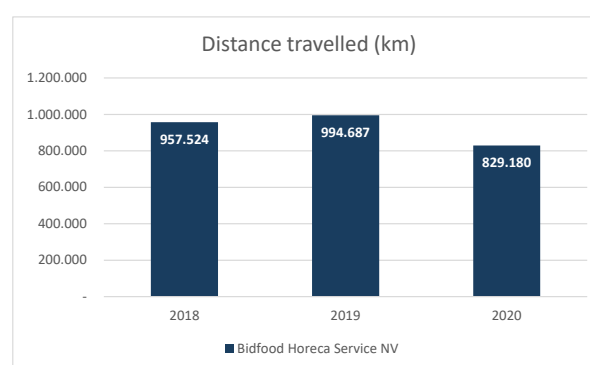
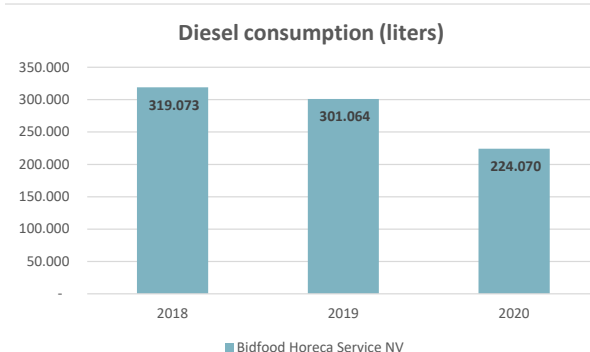
Electricity



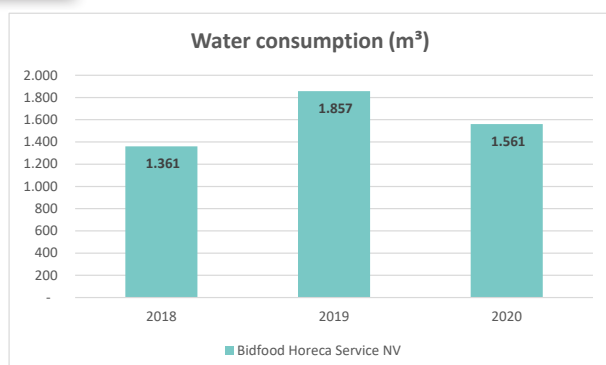
Natural gas



Fuels



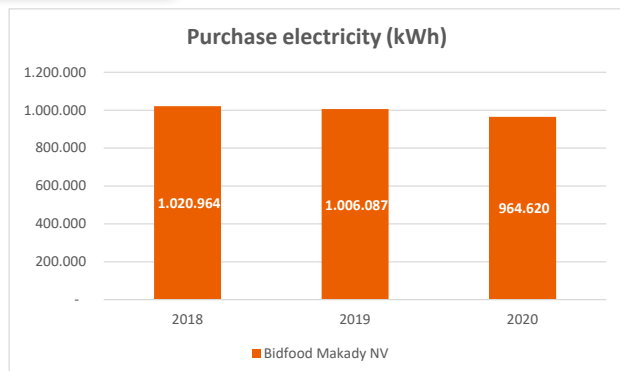
Water



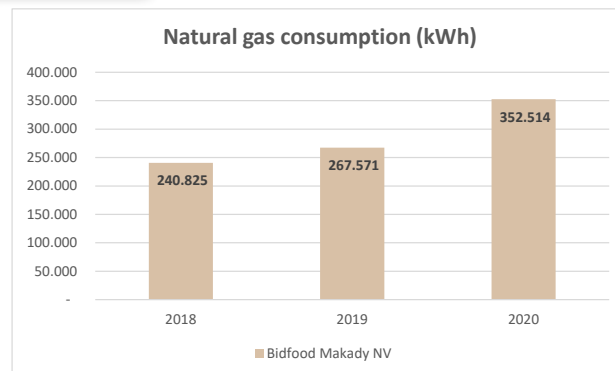
Waste management



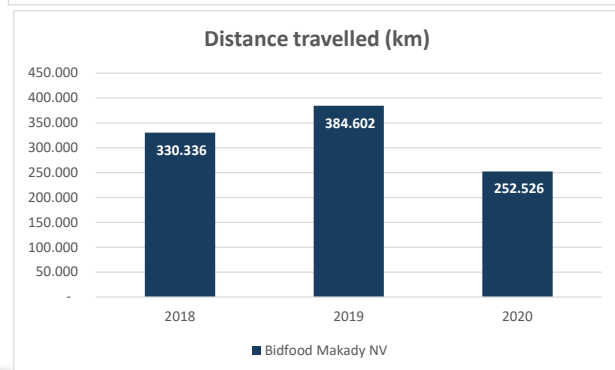
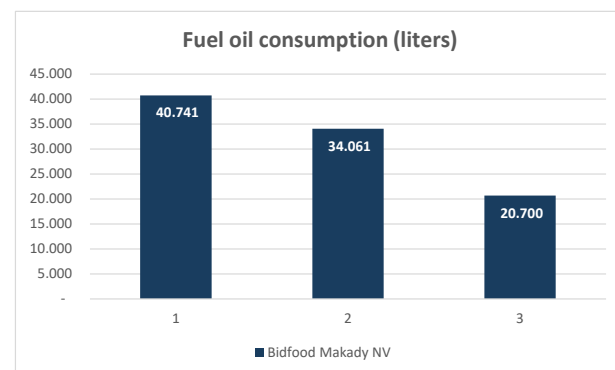
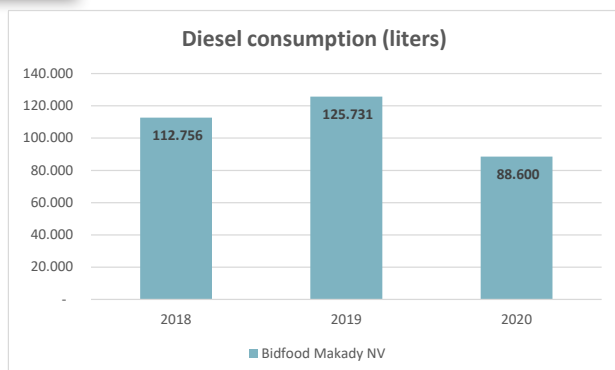
Electricity



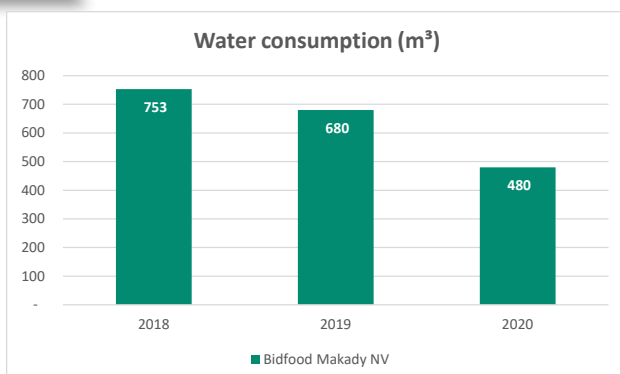
Natural gas



Fuels



Water



Waste management





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