

An aerial photograph of a dense, lush green forest, showing a vast expanse of trees with varying shades of green, from vibrant to slightly darker tones, creating a textured canopy.

**positive  
planet**™

**Carbon Footprint  
Analysis 2021 UK**

Prepared for Gary @ Packaging Products  
by Adam White

# Dear Gary & Team,

Thank you choosing Positive Planet to help measure your business carbon footprint.

We have enjoyed working with you, learning about your business and helping you understand what needs to be done in order to reduce the impact of your business emissions on the environment.

Reducing your emissions takes time, the current guidance is to aim to reduce at least 50% of your emissions by 2030, a further 50% by 2040 and a final 50% by 2050. This approach would leave you at 12.5% of your original emissions - It is not really possible to remove all emissions.

Offsetting is a great way to reduce your impact on the environment both during your reduction phase, and beyond - when there are simply no more emissions to reduce.

If you would like to discuss detailed carbon reduction strategies, or offsetting, please let us know.

A handwritten signature in black ink, appearing to read 'A. White', with a long horizontal flourish extending to the right.

**Adam White** | Founding Partner, Positive Planet

# Scope 1, 2 & 3 Emissions Explained

Your business emissions are measured in three different Scopes, 1, 2, & 3. We have broken down the differences between each Scope for you below;

## Scope 1

### Direct Emissions

Your direct emissions come from things such as your company vehicles, buildings and facilities.

## Scope 2

### Indirect Emissions

Your indirect emissions are made up from your purchased electricity (and steam, heating & cooling) for your own use.

## Scope 3

### Upstream & Downstream Emissions

Your upstream activities include employee commuting, business travel, transportation from suppliers and all goods & services your business purchased.

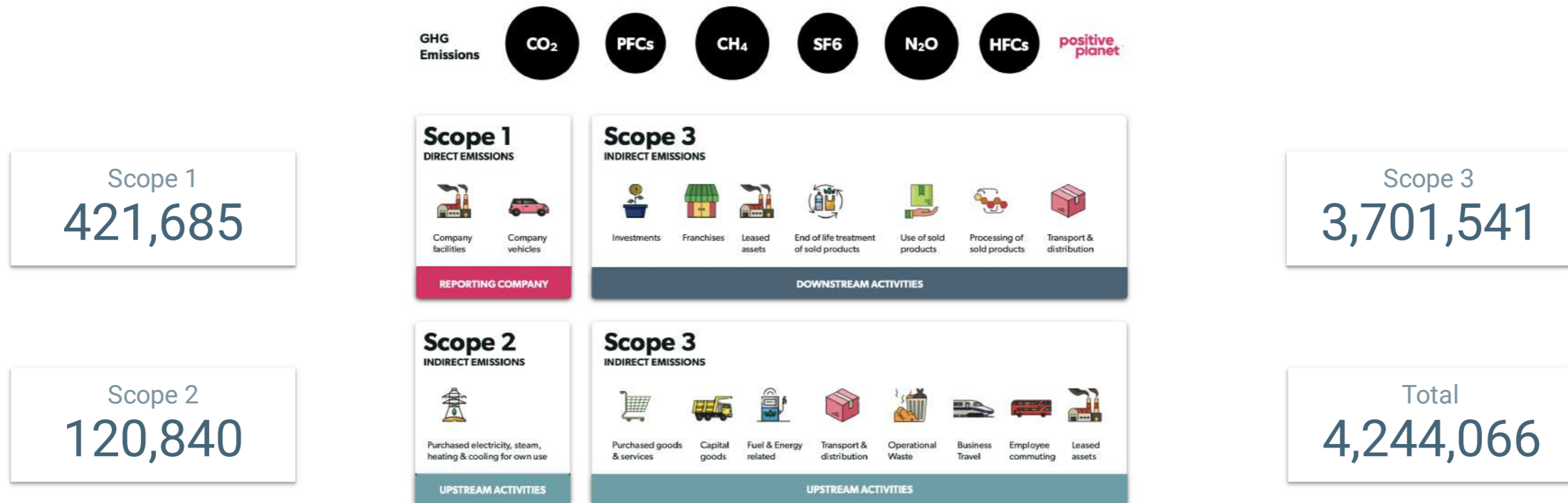
Your downstream activities include deliveries to customers, your customers use of and disposal of your product(s)

On the following page you will see your business footprint measured in the three categories above before being broken down further in to activities.

It is important to know, and report on, your emissions using the the above Scopes but it is easier to share the data with your team when you can talk about activities they can relate to, such as travel or energy for example.

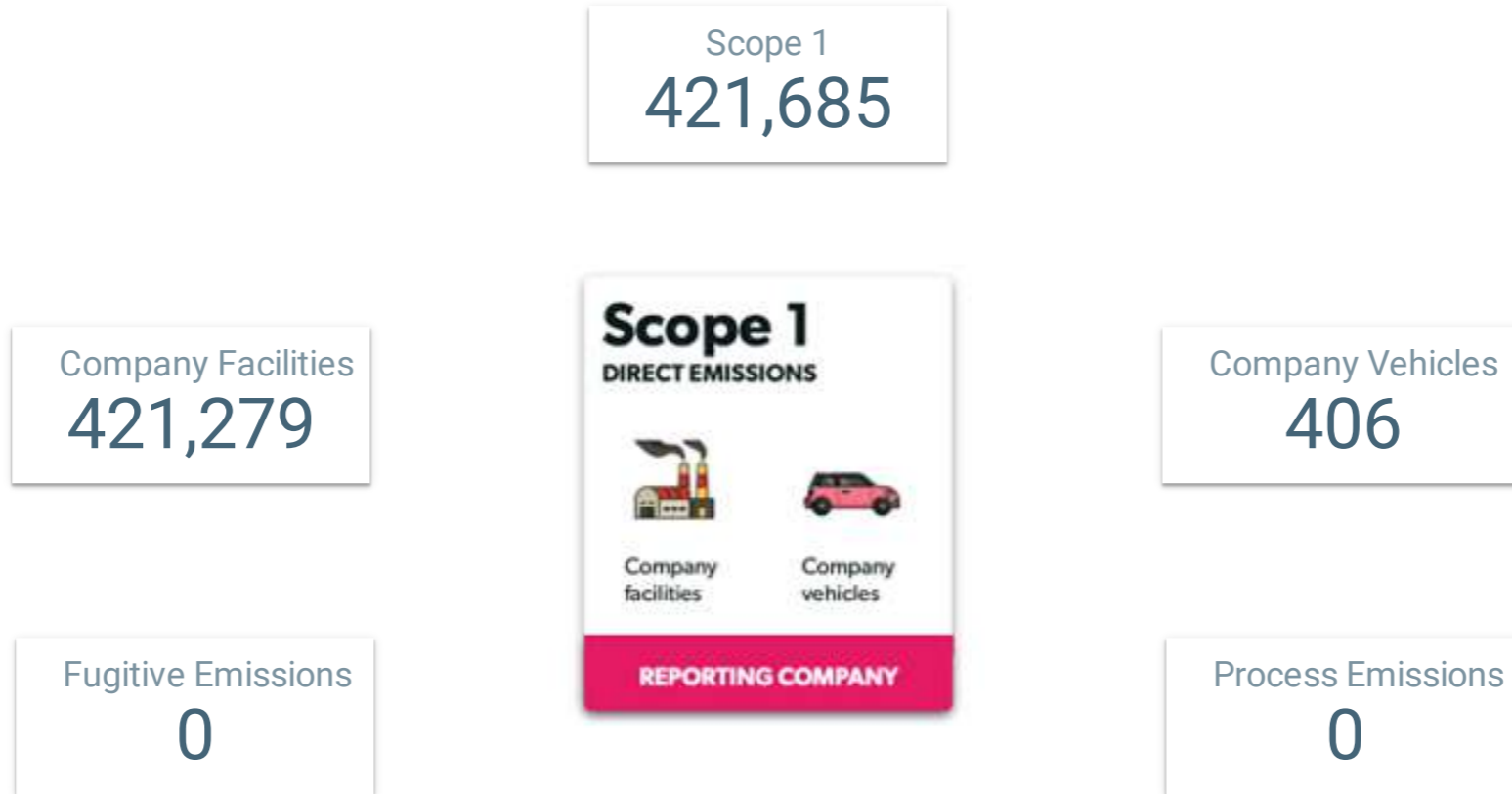
# Your Carbon Footprint

This top-level analysis shows you which of the three scopes your emissions are coming from. You can also see your total emissions at the bottom-right of the page. The below emissions are reported in kgCO<sub>2</sub>e.



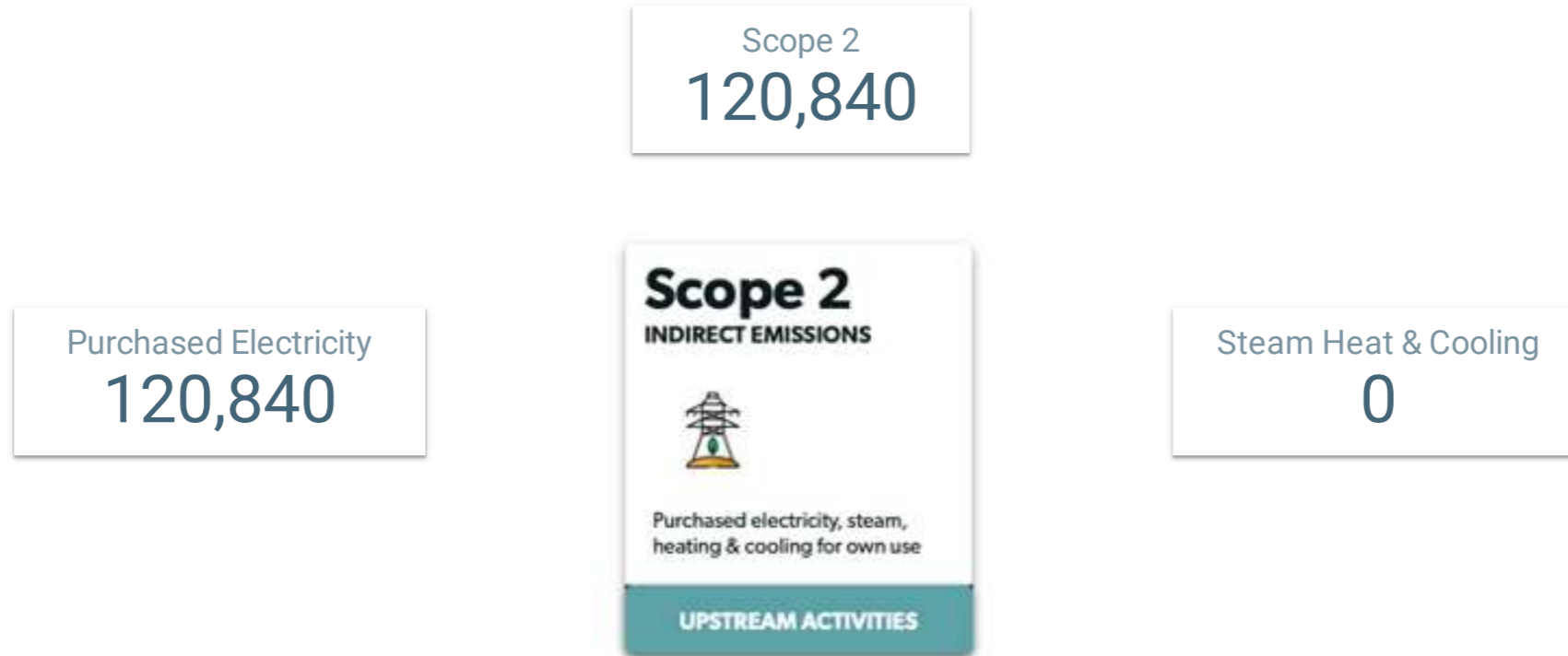
# Scope 1 Emissions

Your Scope 1 emissions come directly from running your business. This includes emissions from burning gas (or other fuels) for heating and fuel to power your company vehicles. If your business didn't exist, neither would these emissions.



# Scope 2 Emissions

Your Scope 2 emissions come indirectly from running your organisation. This is usually made up from your electricity supply where the emissions are at the power plant but on behalf of your organisation. If you buy 100% renewable electricity, or generate your own, then this will be zero.



# Scope 3 - Upstream Emissions

Your Scope 3 Upstream emissions come from your supply chain. This includes all of the goods & services you buy, travel to meetings, employee commuting and many other activities as detailed below.

Scope 3 - Upstream  
**3,653,676**



Goods & Services  
**3,608,198**

Leased Assets  
**0**

Capital Goods  
**0**

Fuel & Energy  
**1,604**

Distribution  
**17,955**

Waste & Water  
**3,494**

Business Travel  
**847**

Commuting  
**21,577**

# Scope 3 - Downstream Emissions

Your Scope 3 Downstream emissions come from your customers use of your product or service. This includes distribution, the use and disposal of your product.

Scope 3 - Downstream  
**47,866**



Investments  
**No data**

Distribution  
**47,866**

Franchises  
**No data**

Leased Assets  
**No data**

End of Life  
**No data**

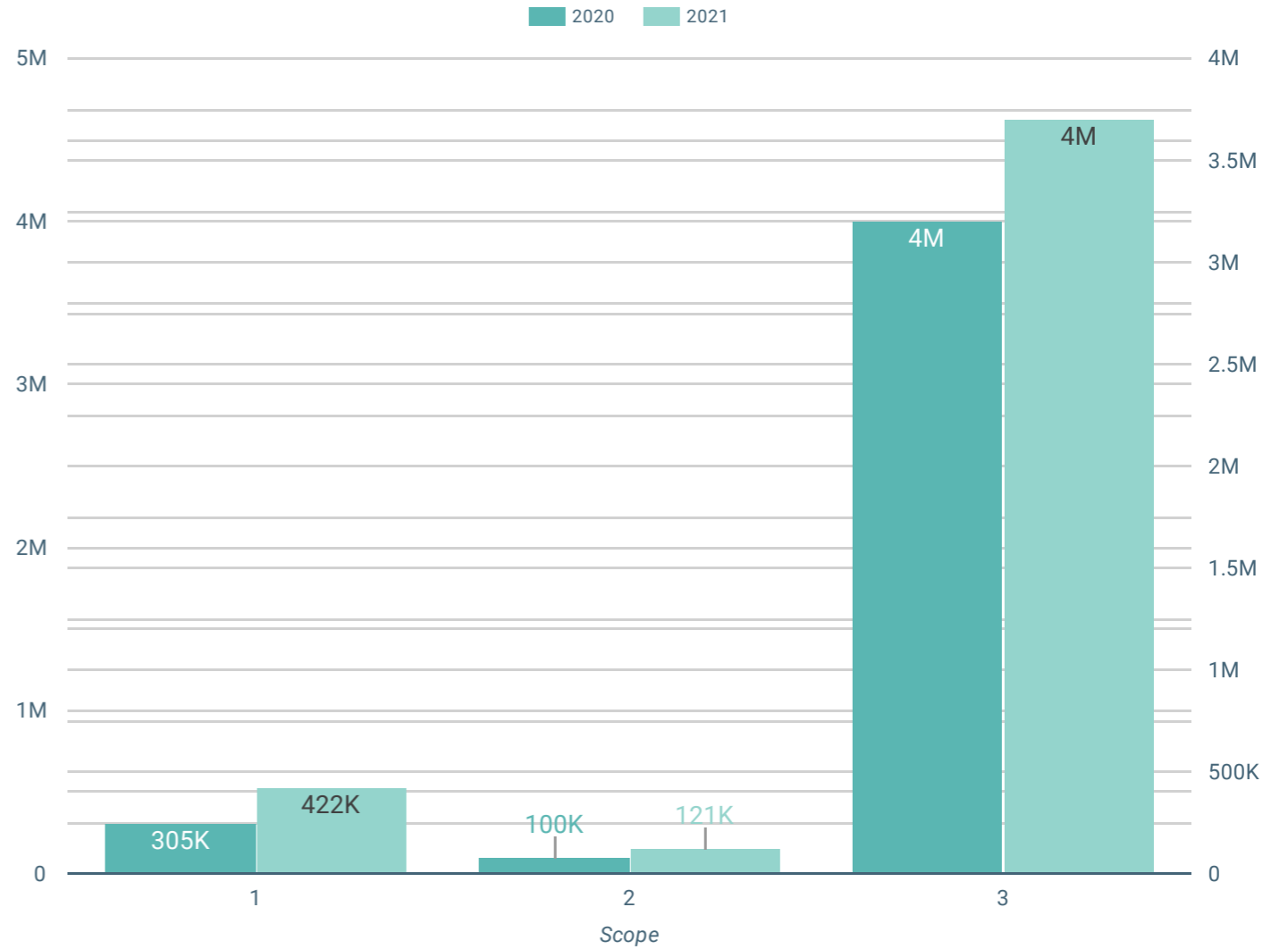
Use of Product  
**No data**

processing  
**0**



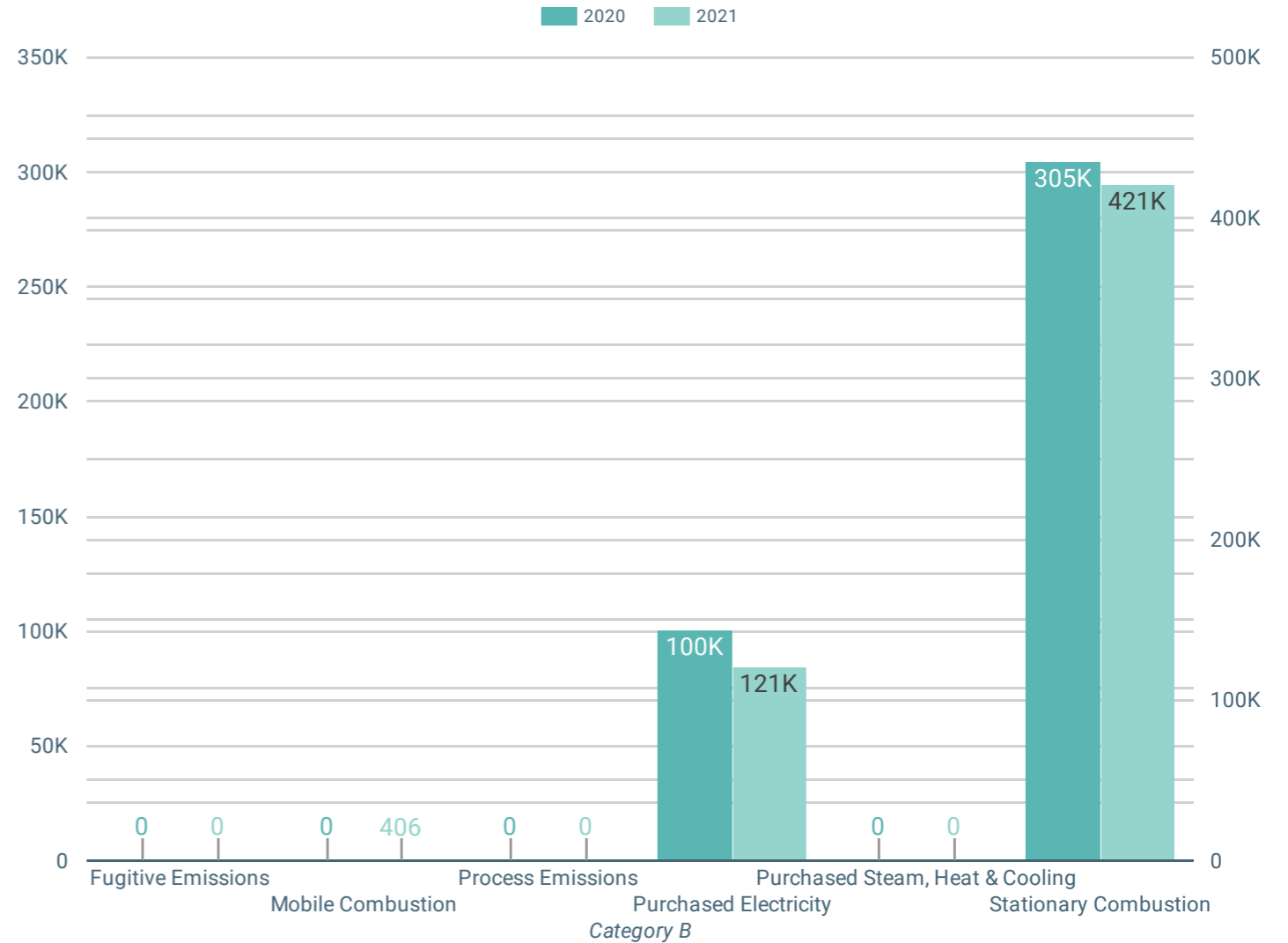
# Footprint Analysis - By Scope

Scope ^	2020	2021
1	305,066	421,685
2	100,171	120,840
3	4,000,696	3,701,541
<b>Grand total</b>	<b>4,405,933</b>	<b>4,244,066</b>



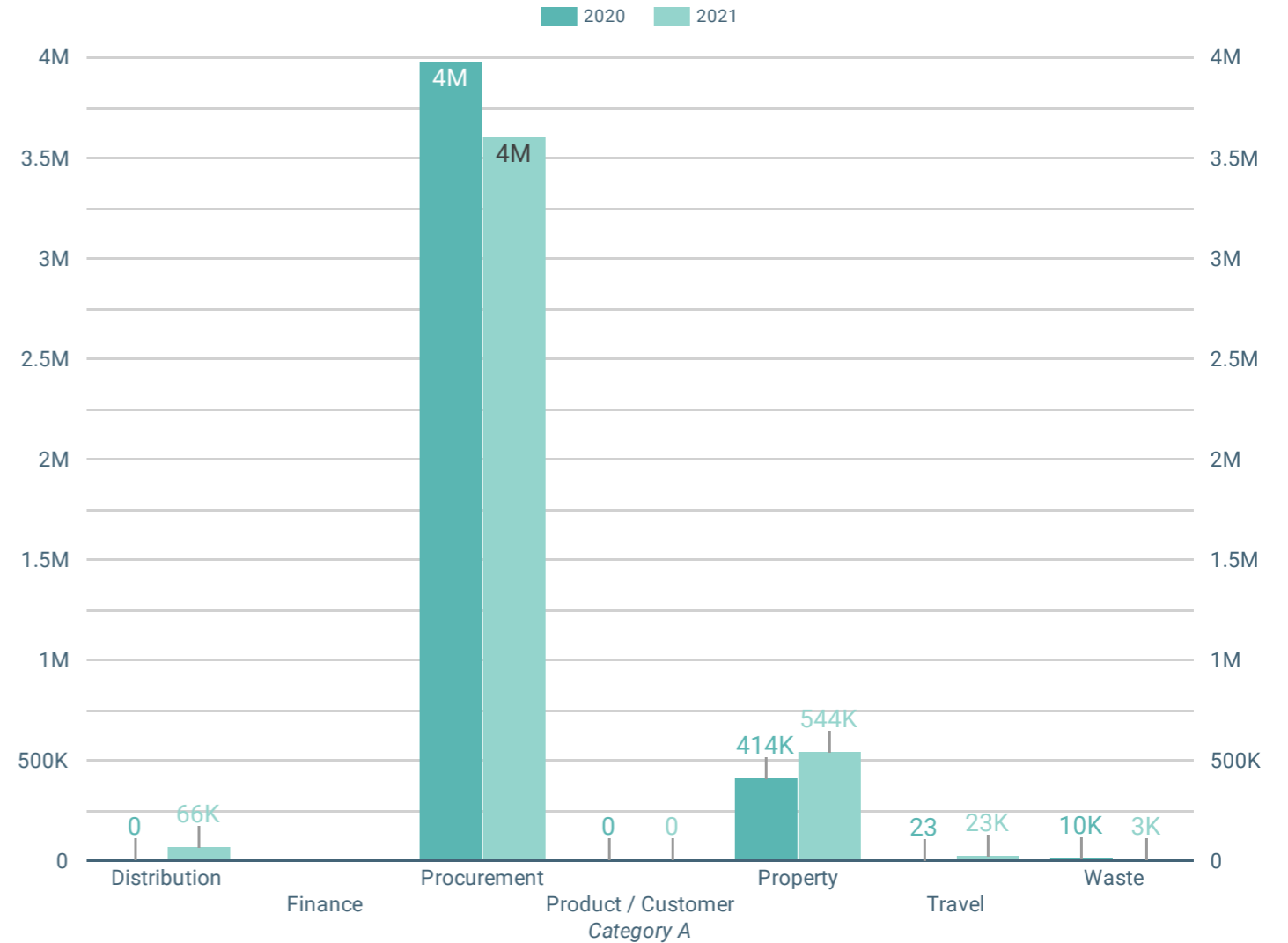
# Footprint Analysis - Scope 1 & 2 Breakdown

Category B ^	2020	2021
Fugitive Emissions	0	0
Mobile Combustion	0	406
Process Emissions	0	0
Purchased Electricity	100,171	120,840
Purchased Steam, Heat & Cooling	0	0
Stationary Combustion	305,066	421,279
<b>Grand total</b>	<b>405,237</b>	<b>542,525</b>



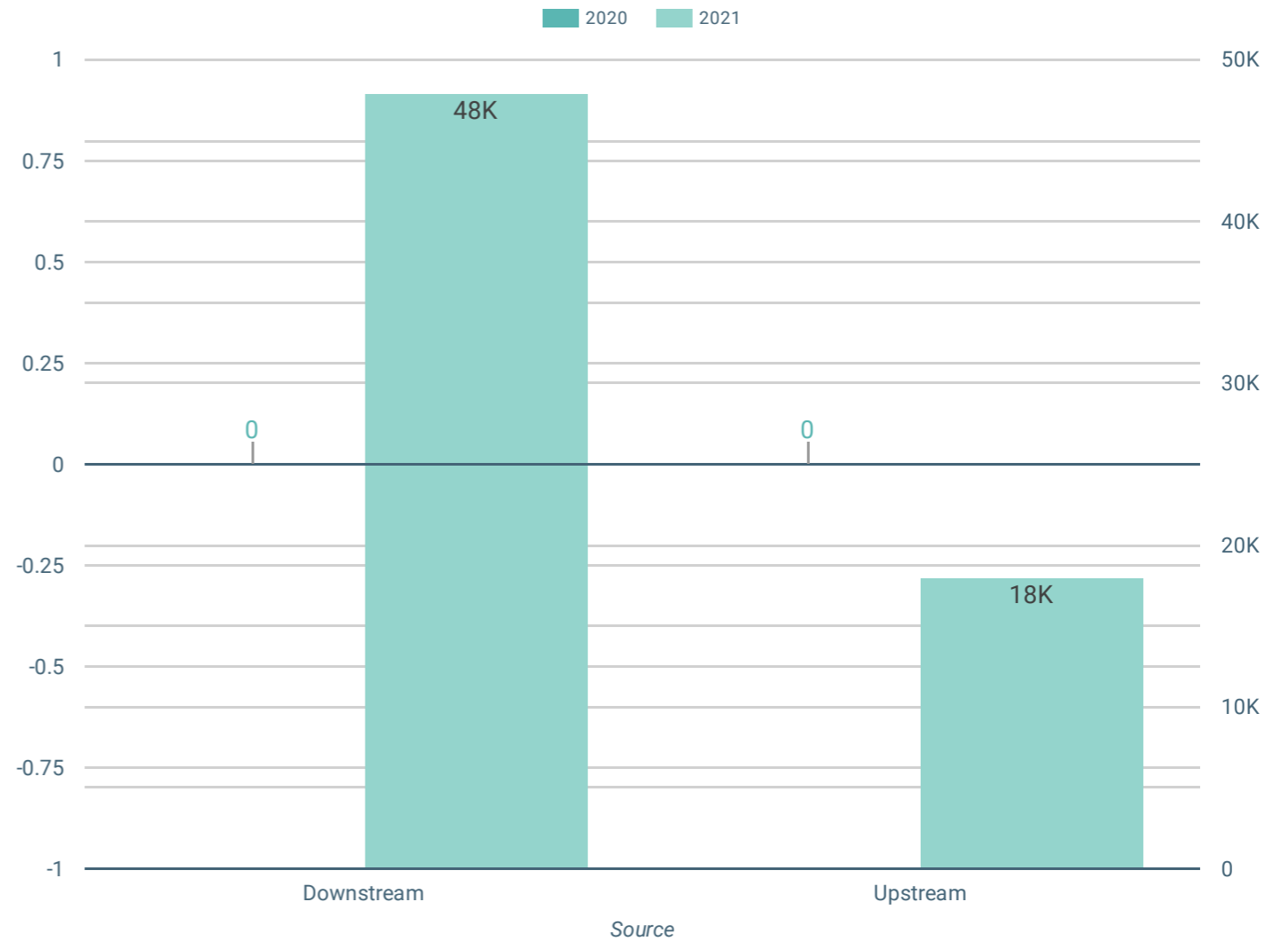
# Footprint Analysis - Category Breakdown

Category A	2020	2021
Distribution	0	65,821
Finance	null	null
Procurement	3,982,297	3,608,198
Product / Customer	0	0
Property	413,742	543,723
Travel	23	22,830
Waste	9,872	3,494
<b>Grand total</b>	<b>4,405,933</b>	<b>4,244,066</b>



# Footprint Analysis - Distribution

Source <span>ⓘ</span> <span>▲</span>	2020	2021 <span>🔍</span> <span>▼</span>
Downstream	0	47,865.73
Upstream	0	17,955.16
<b>Grand total</b>	<b>0</b>	<b>65,820.89</b>



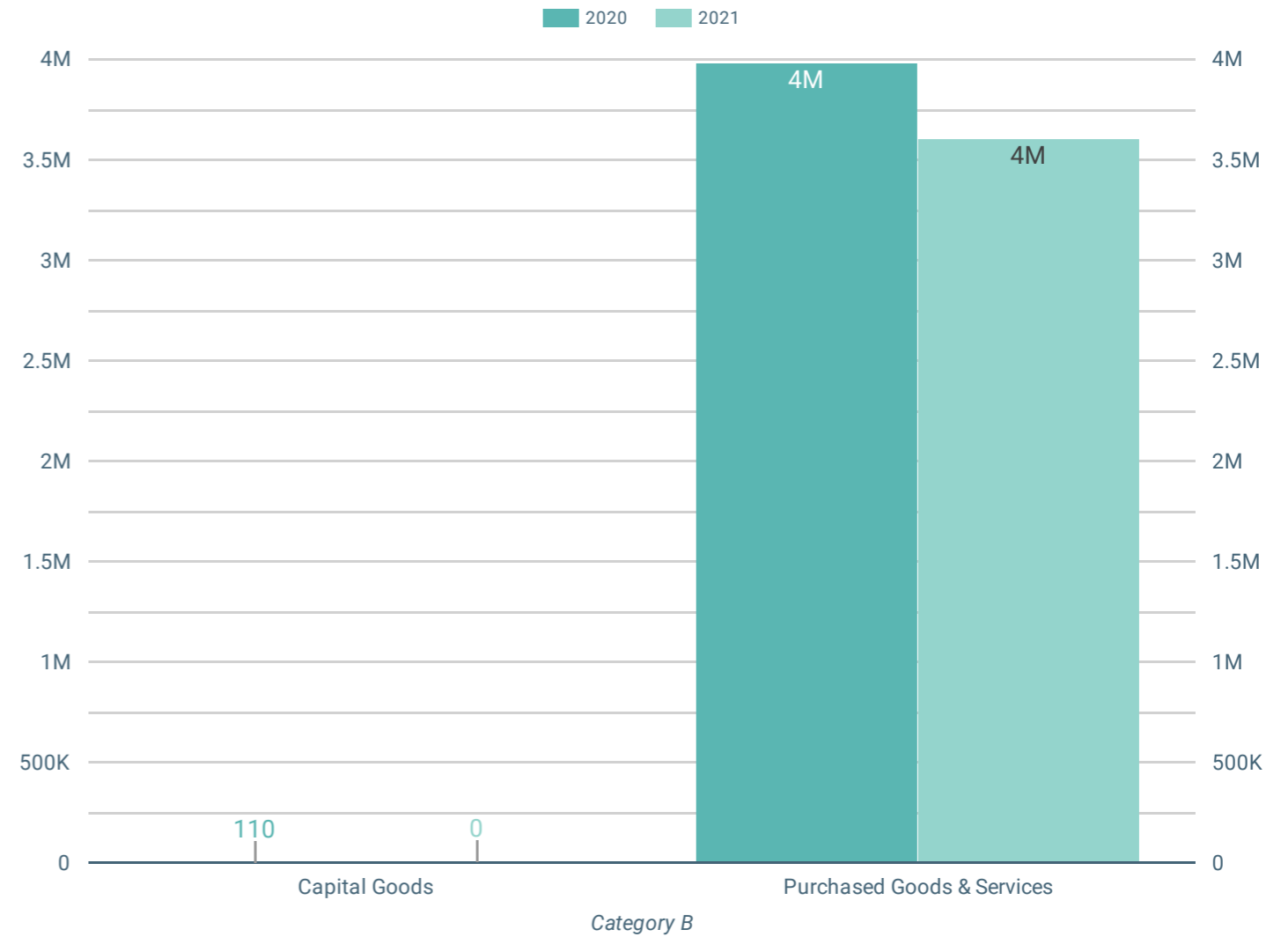
# Footprint Analysis - Finance

Category B ^	2020	2021
Franchises	null	null
Investments	null	null
Leased Assets	null	null
<b>Grand total</b>	<b>null</b>	<b>null</b>



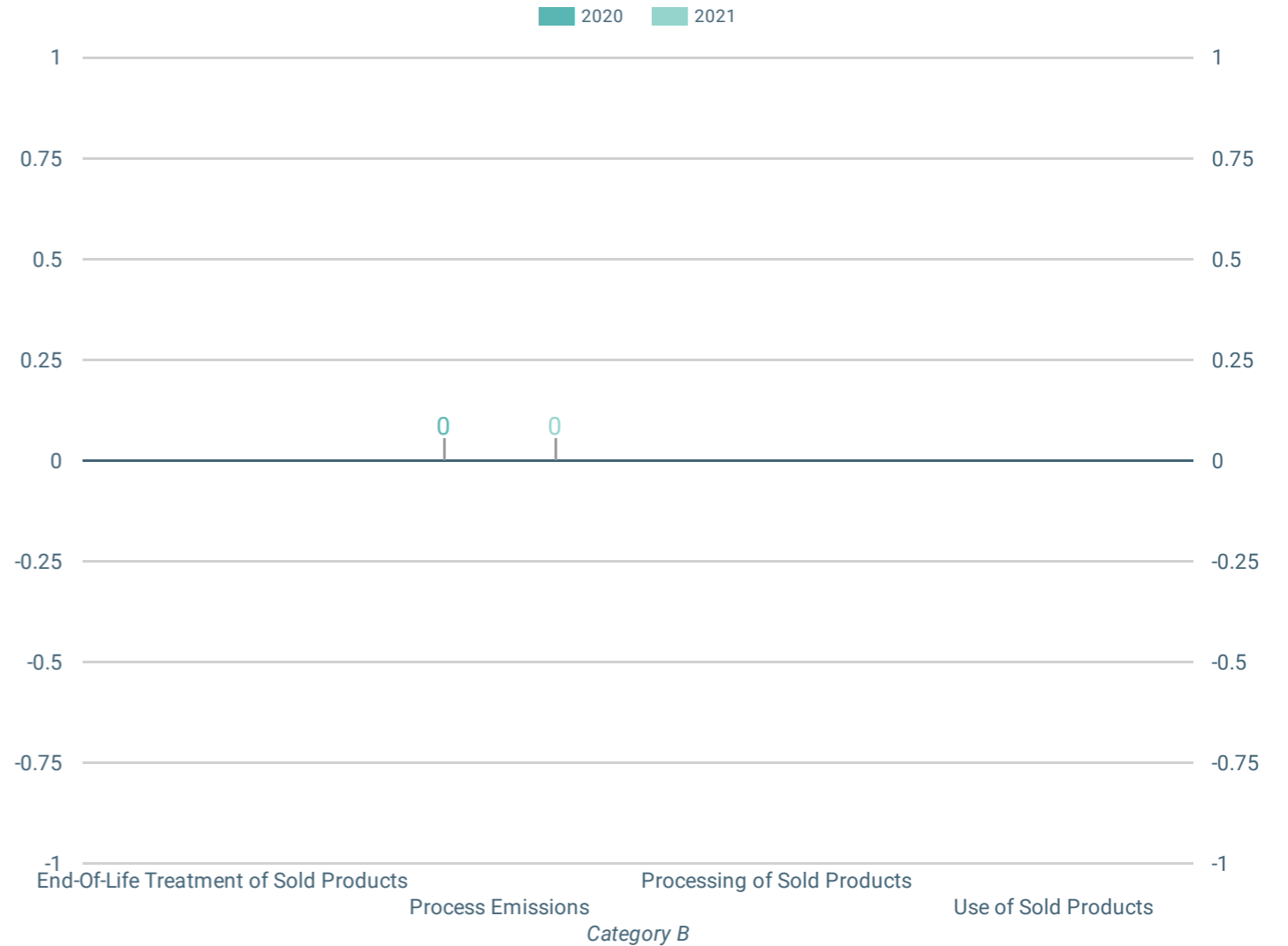
# Footprint Analysis - Procurement

Category B	2020	2021
Capital Goods	110	0
Purchased Goods & Services	3,982,187	3,608,198
<b>Grand total</b>	<b>3,982,297</b>	<b>3,608,198</b>



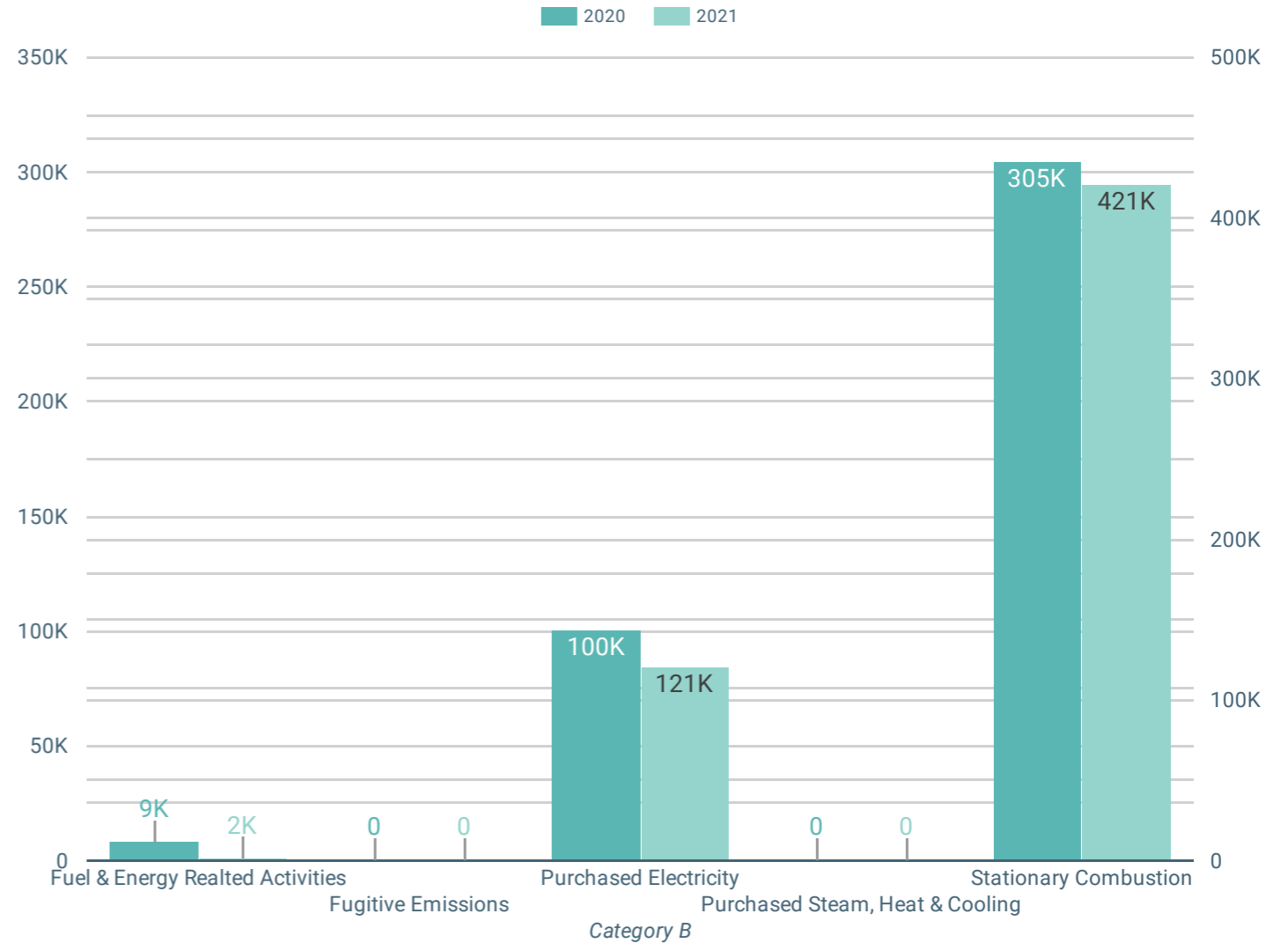
# Footprint Analysis - Products

Category B ^	2020	2021
End-Of-Life Treatment of Sold Products	null	null
Process Emissions	0	0
Processing of Sold Products	null	null
Use of Sold Products	null	null
<b>Grand total</b>	<b>0</b>	<b>0</b>



# Footprint Analysis - Property

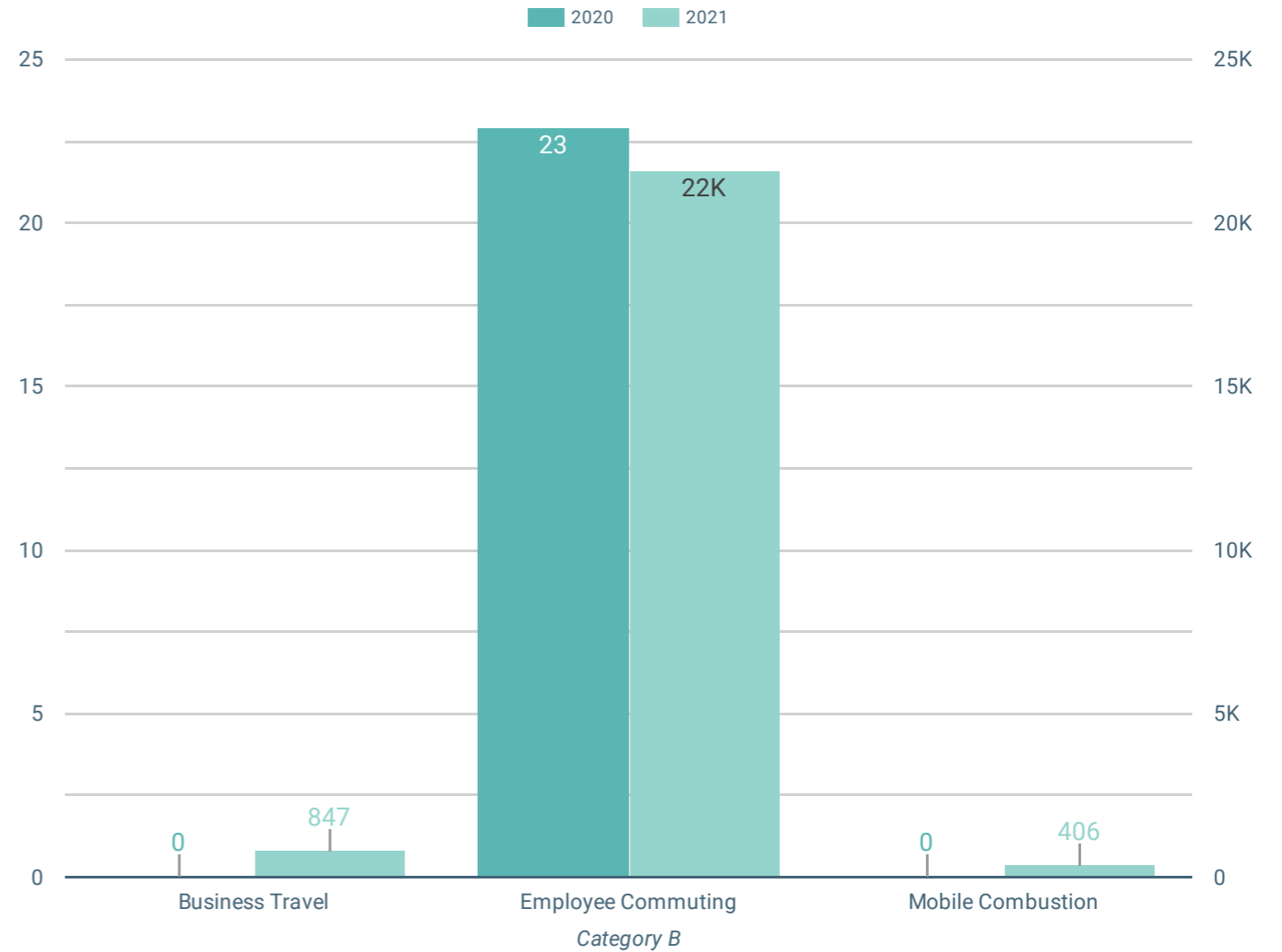
Category B ^	2020	2021
Fuel & Energy Realted Activities	8,504	1,604
Fugitive Emissions	0	0
Purchased Electricity	100,171	120,840
Purchased Steam, Heat & Cooling	0	0
Stationary Combustion	305,066	421,279
<b>Grand total</b>	<b>413,742</b>	<b>543,723</b>





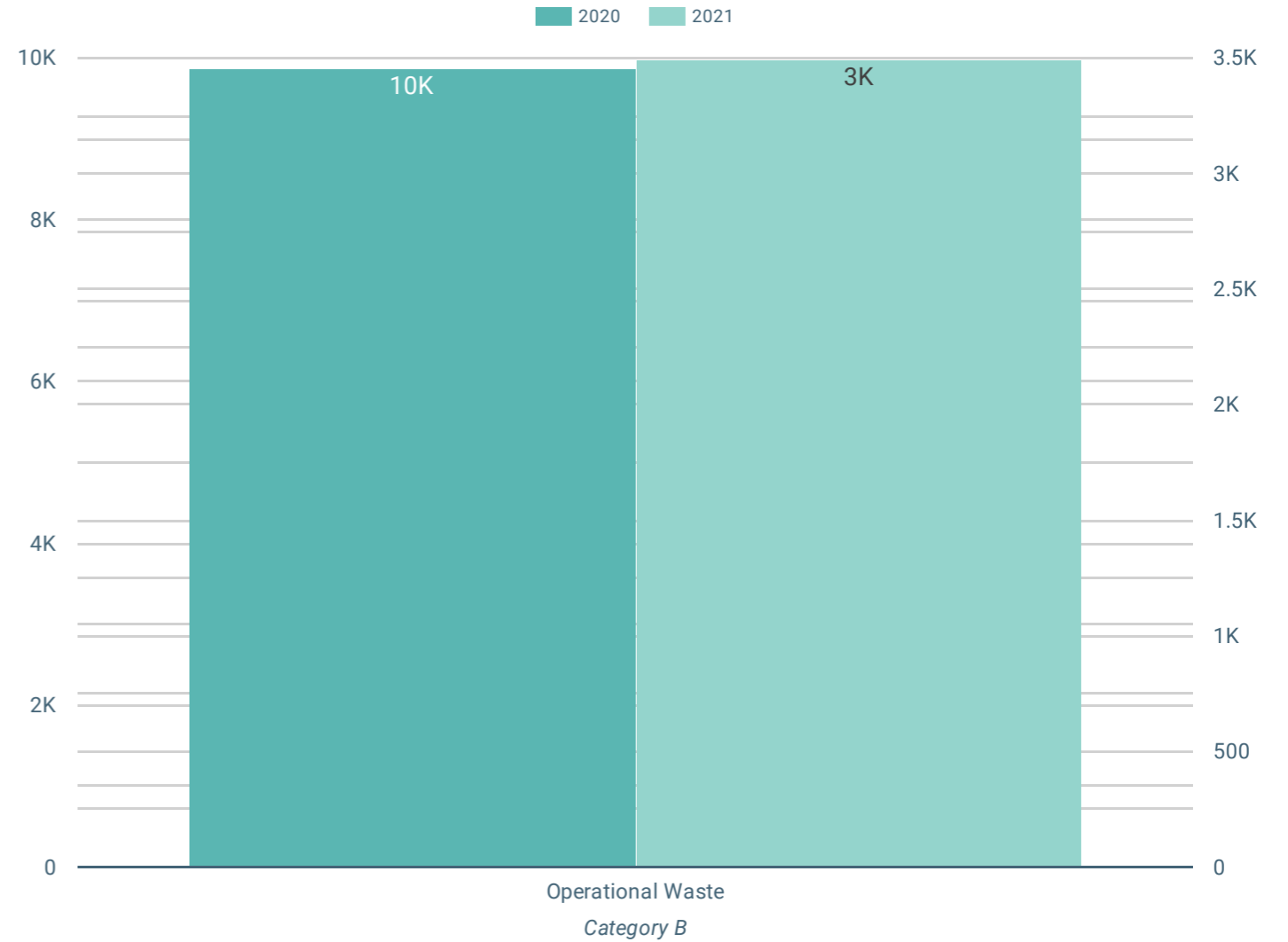
# Footprint Analysis - Travel

Category B ^	2020	2021
Business Travel	0	847
Employee Commuting	23	21,577
Mobile Combustion	0	406
<b>Grand total</b>	<b>23</b>	<b>22,830</b>



# Footprint Analysis - Waste

Category B ^	2020	2021
Operational Waste	9,872	3,494
<b>Grand total</b>	<b>9,872</b>	<b>3,494</b>



# Thank You

It has been a pleasure working with you, but this is not the end of the process... in many ways it is just the start. The following services are waiting for you when you are ready;

## 1.Reduction

The most important process to that of reduction. You first need to create a reduction plan and you need to act upon that plan to deliver a reduction across the organisation.

## 2. Mitigation

We have a range of activities for you to consider to help reduce your environmental impact. These include carbon offsetting through carbon credits or nature based activities (tree planting) as well as plastic collection and recycling.

## 3. Certification

If you would like to engage in carbon offsetting or plastic removal then you might like to be certified as a Carbon Neutral or Plastic Neutral business - or maybe both.

## 4. Engagement

Part of your reduction plan may be to engage stakeholders (customers, employees, supplier, shareholders) in your sustainability program. We can help with training and communication across all stakeholders.