

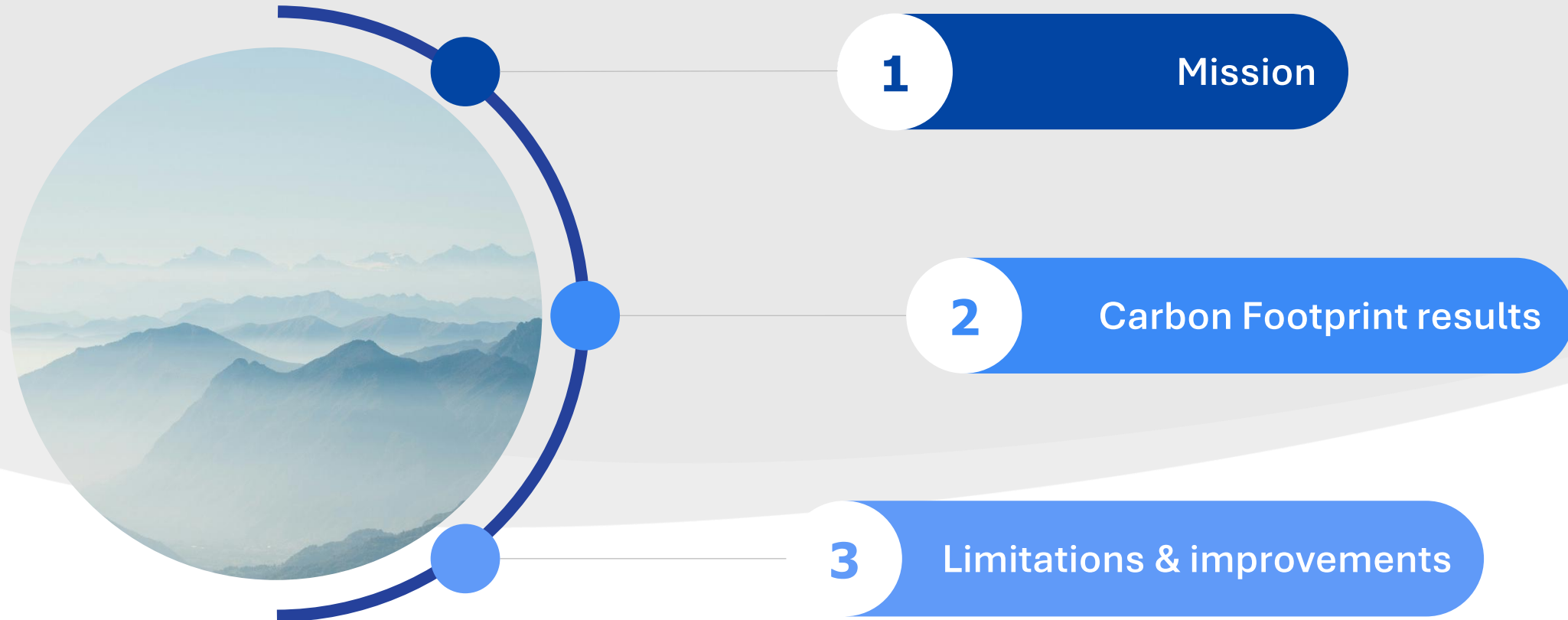
BIA Group Carbon Footprint 2024



September 2025

Agenda

D-CARBONIZE



1. Mission

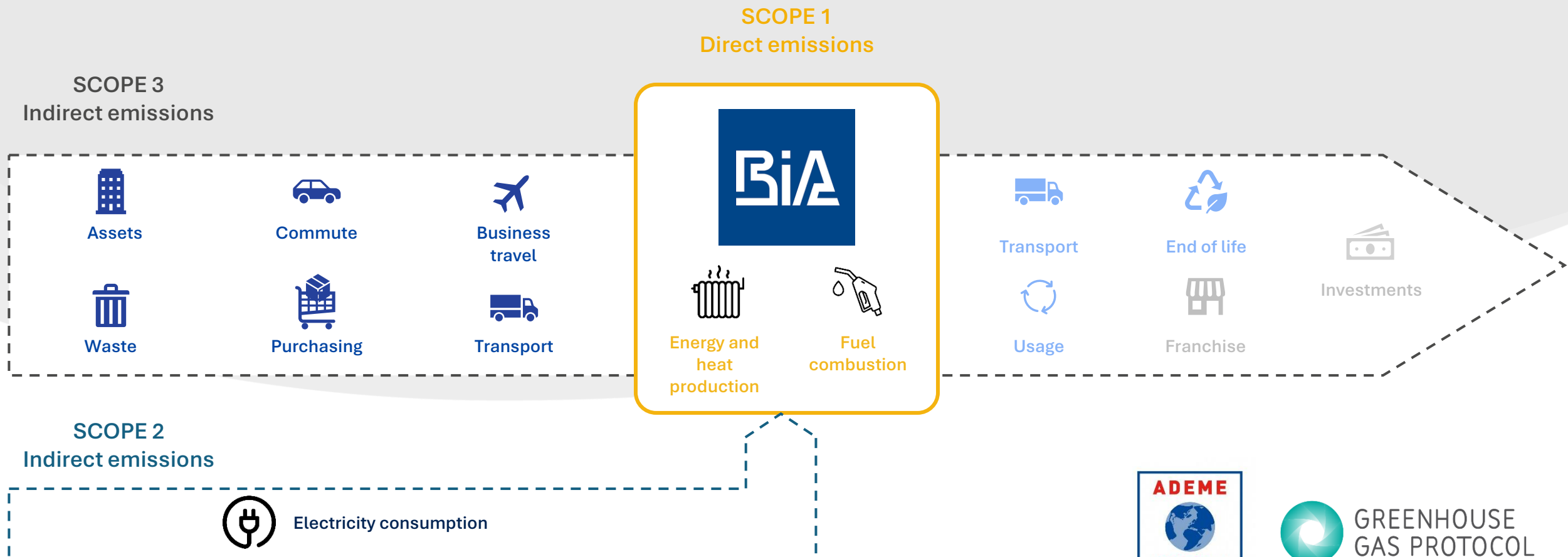
2024 Evaluation Scope

D-CARBONIZE

Upstream activities

Company

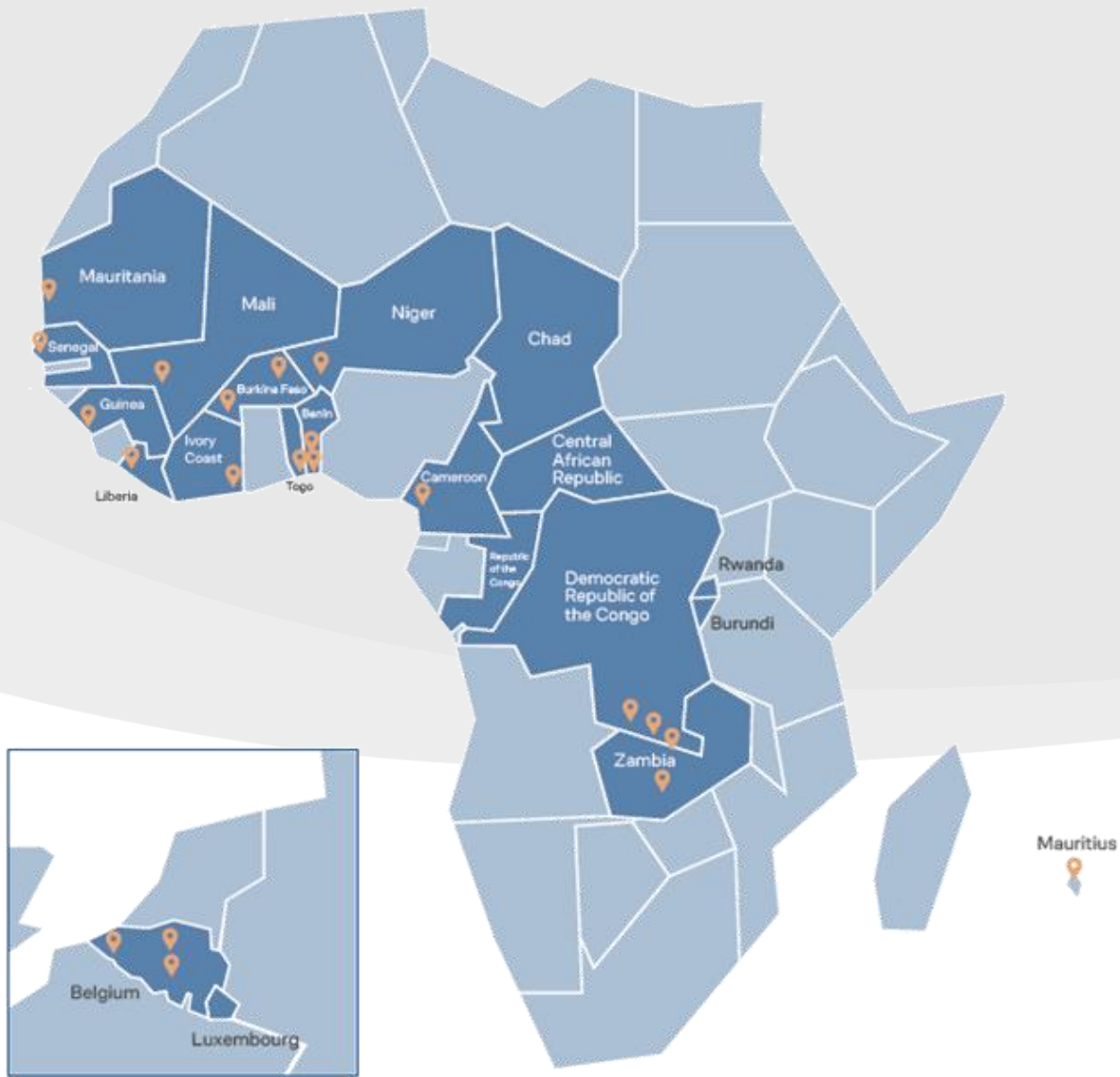
Downstream activities



NB: everything in grey is not relevant to this assessment



Evaluation scope – every BIA entity is included in 2024



BIA Company

Africa

Burkina Faso
Ivory Coast
Zambia
RDC
Senegal
Guinea
Mali
Cameroon
Mauritania
Togo-Benin

ESB

Belgium

Belgium

Group
Overseas



2. Results of the 2024 carbon footprint

2.1 Global Level

TOTAL 2024

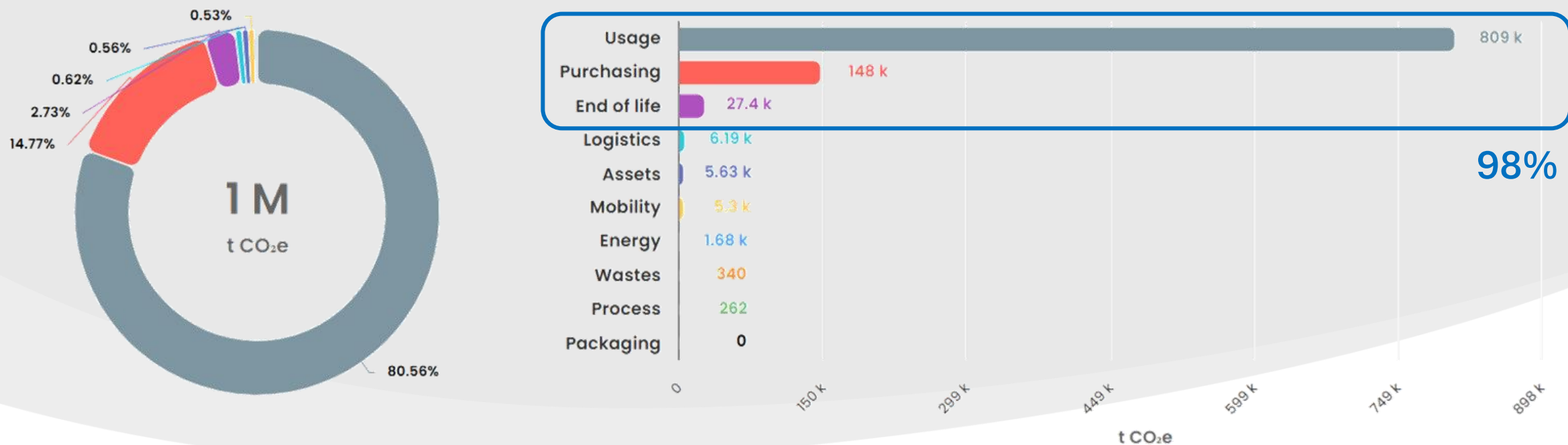
1 003 658 tons of CO₂e*

* For the defined scope



BIA's carbon footprint by dimension in 2024

Usage, purchasing and end of life account for 98% of the emissions



730
tCO₂e/FTE

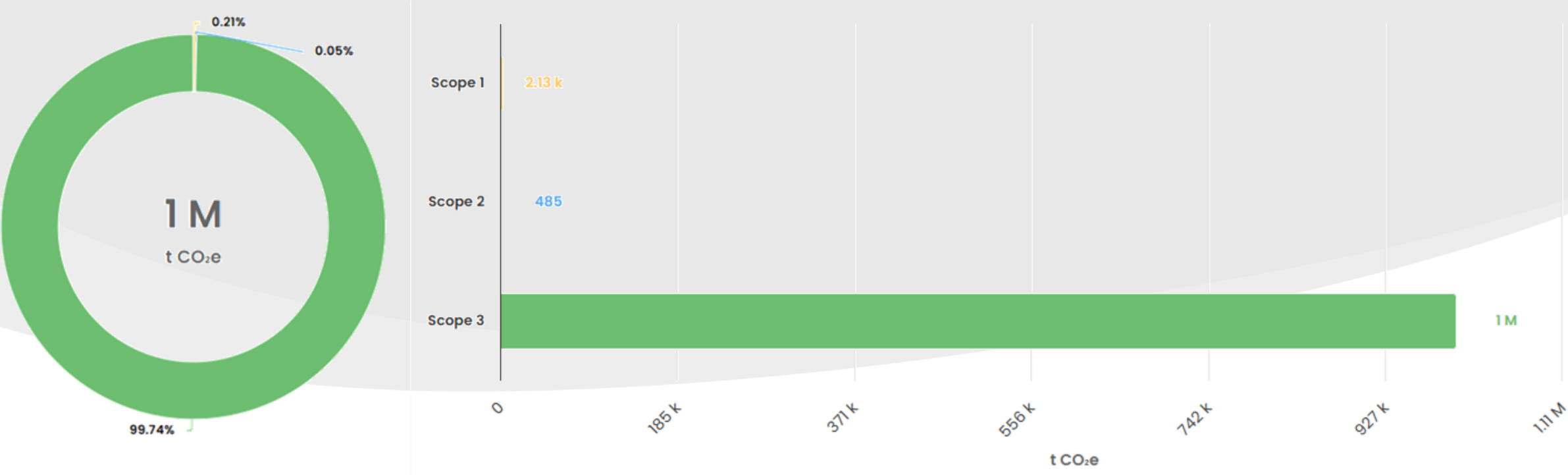


35,7 tCO₂e
per purchased ton of parts and equipment



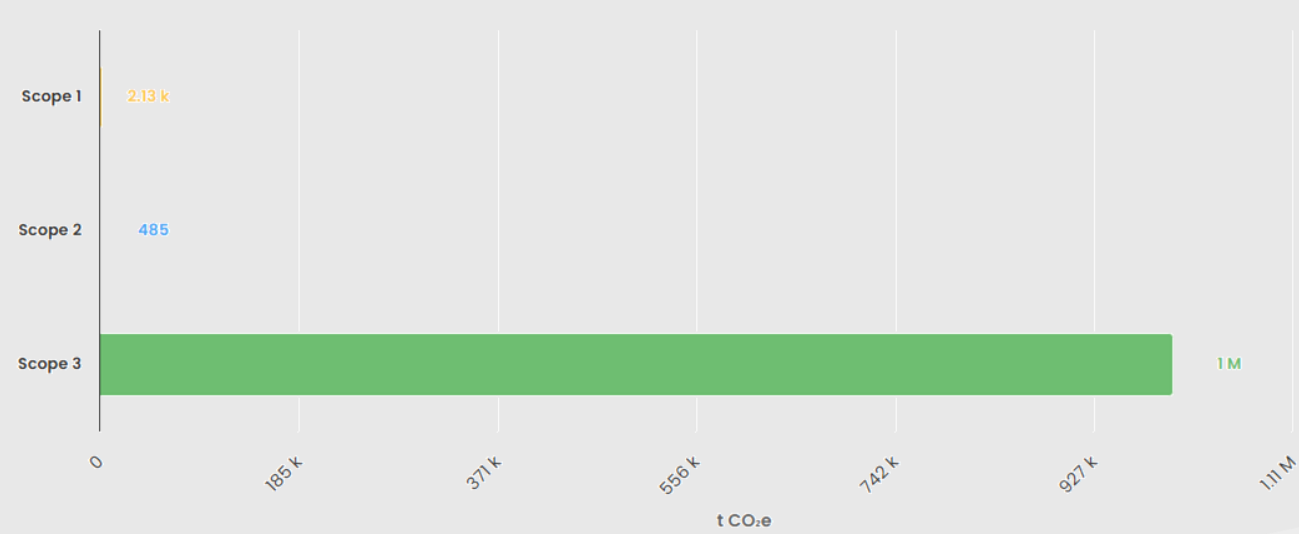
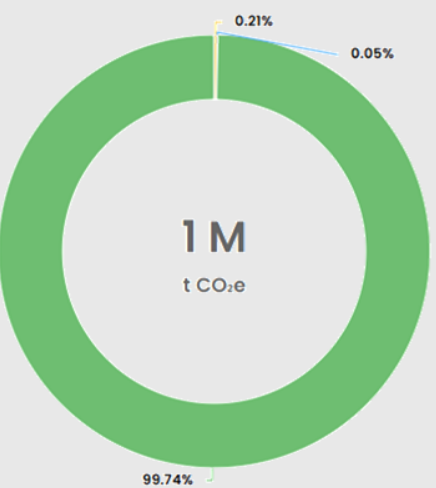
BIA's carbon footprint by scope in 2024

Most emissive scope: Scope 3 – 1 001 045 tCO₂e



BIA's carbon footprint by scope in 2024

Most emissive scope: Scope 3 – 1 001 045 tCO₂e



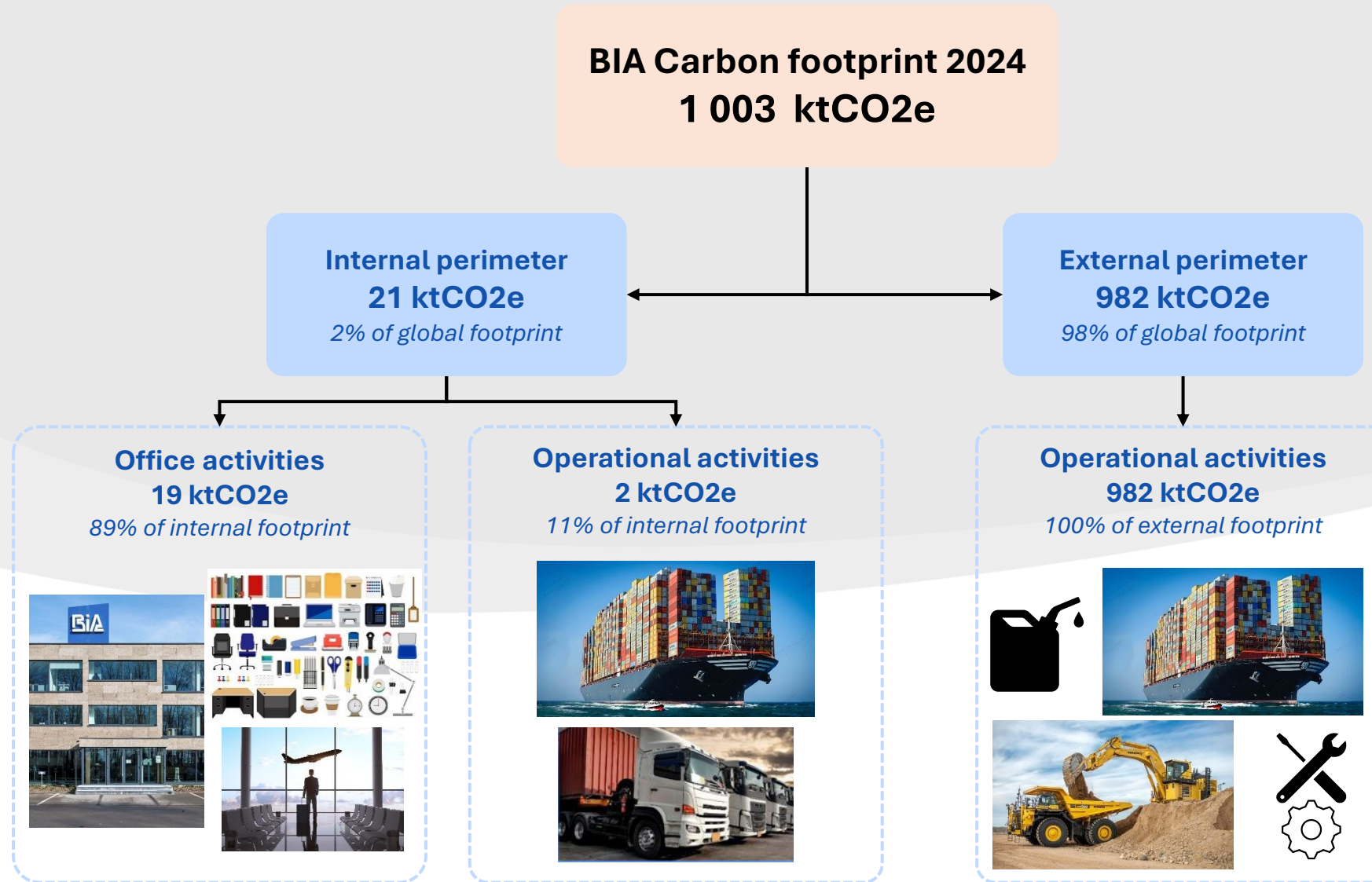
Reminder of the 3 scopes:



| | Scope 1 | Scope 2 | Scope 3 |
|------------------|---------|---------|---------|
| Linked to ? | Energy | Energy | Other |
| Direct ? | ✓ | ✗ | ✗ |
| Responsibility ? | ✓ | ✓ | ✗ |
| Dependence ? | ✓ | ✓ | ✓ |

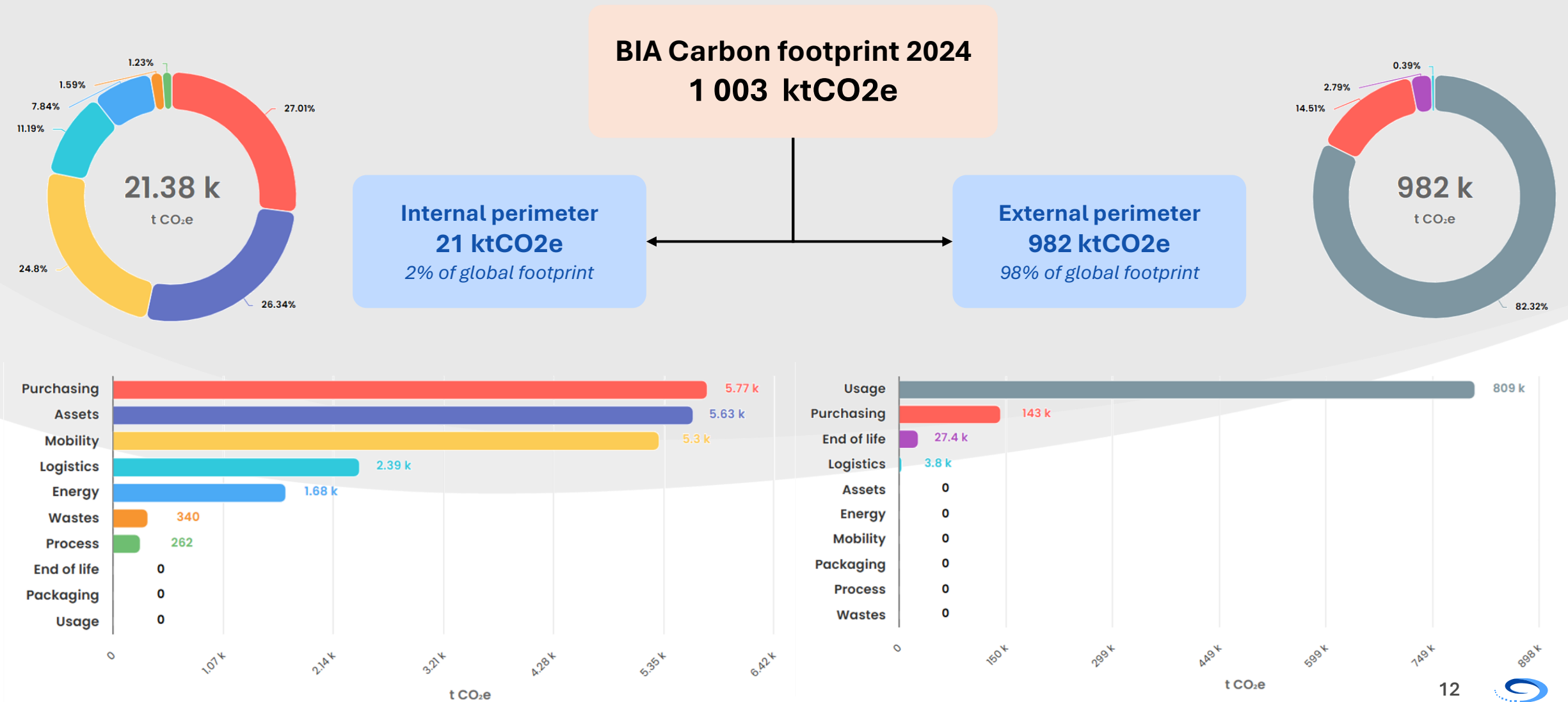
Total carbon footprint by dimension in 2024

External Perimeter vs. Internal Perimeter



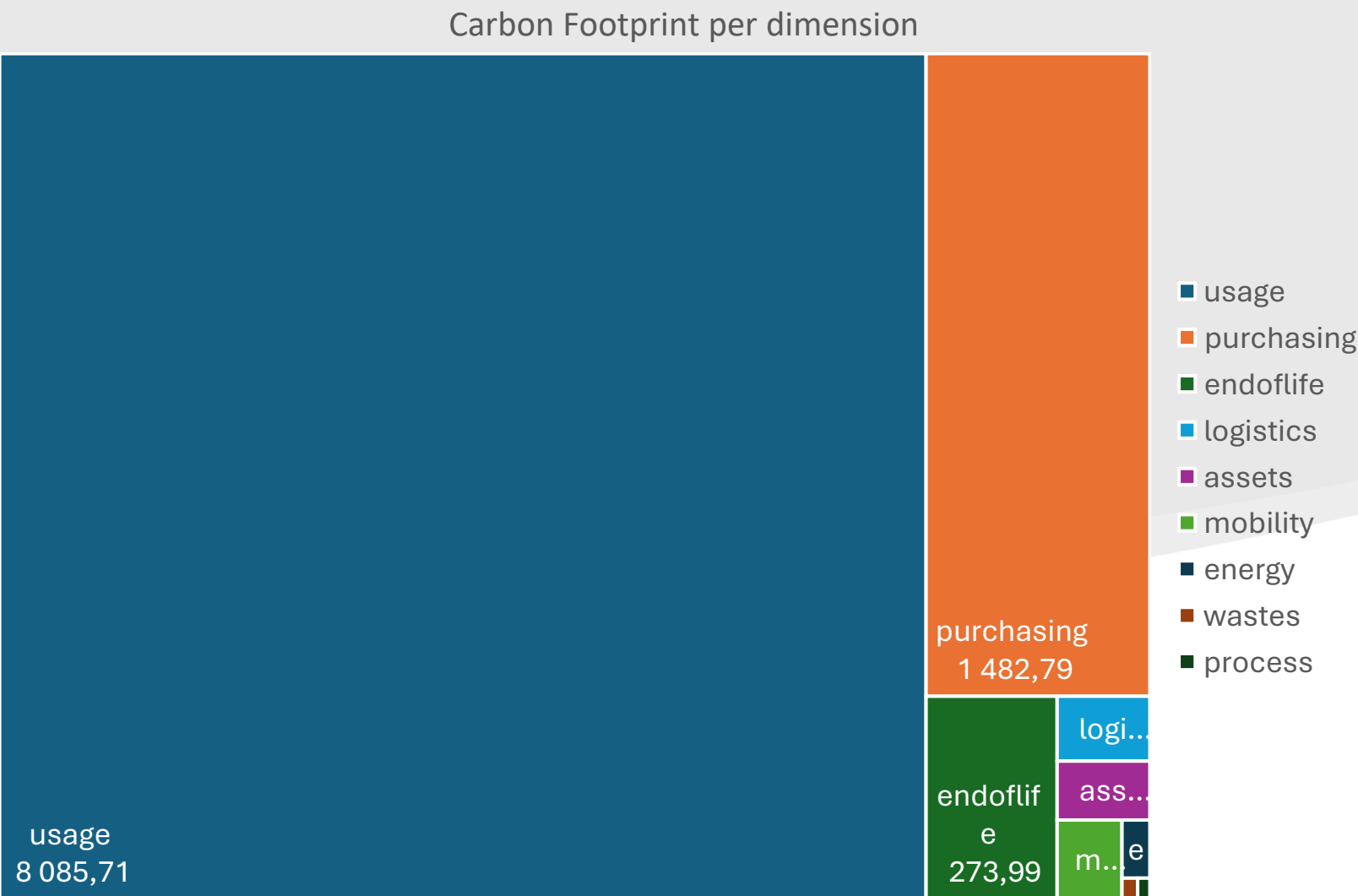
Total carbon footprint by dimension in 2024

External v. internal perimeter

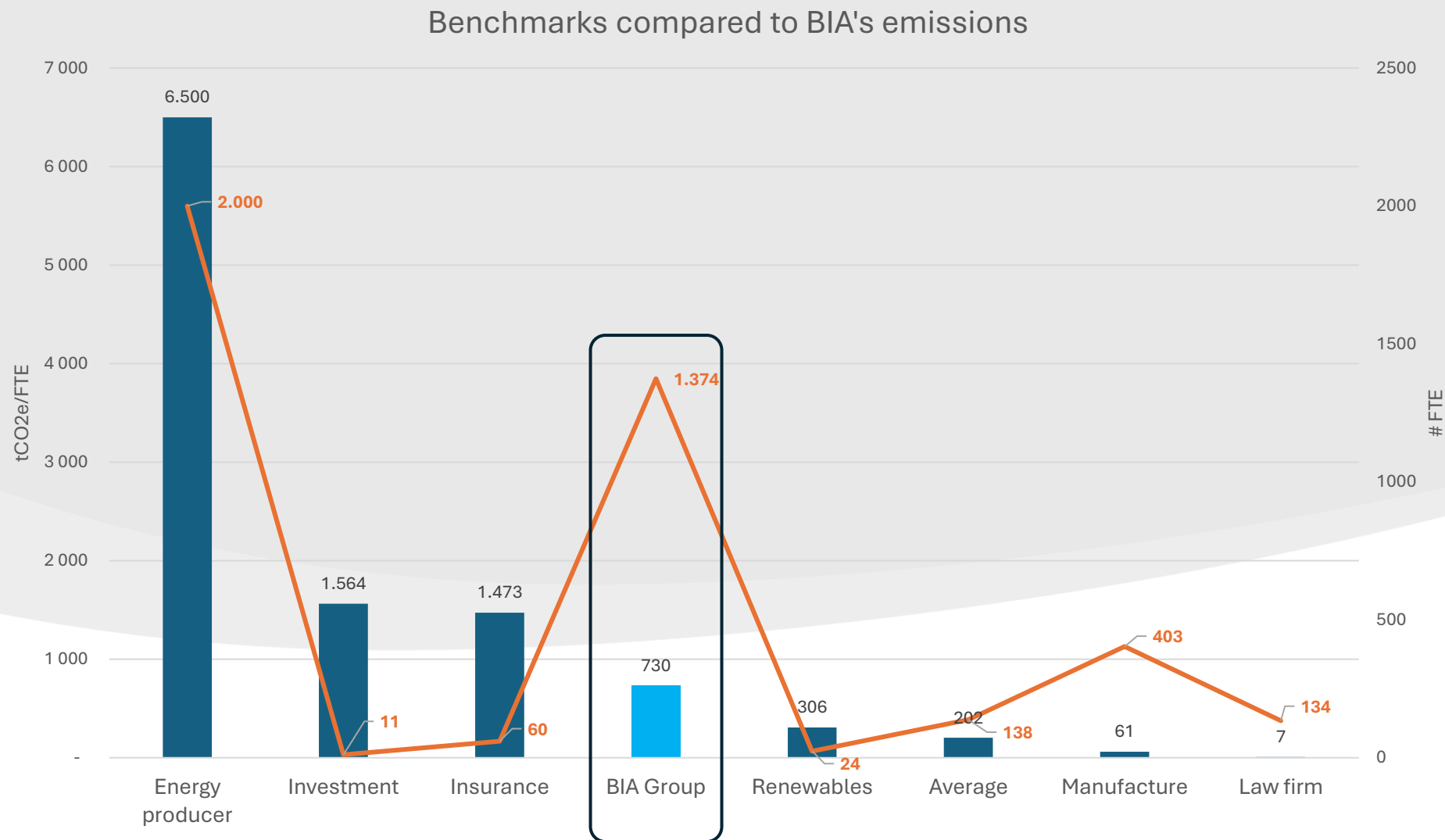


Total carbon footprint by dimension in 2024

The 3 most emitting dimensions: usage, purchasing and end of life



BIA compared to other industries

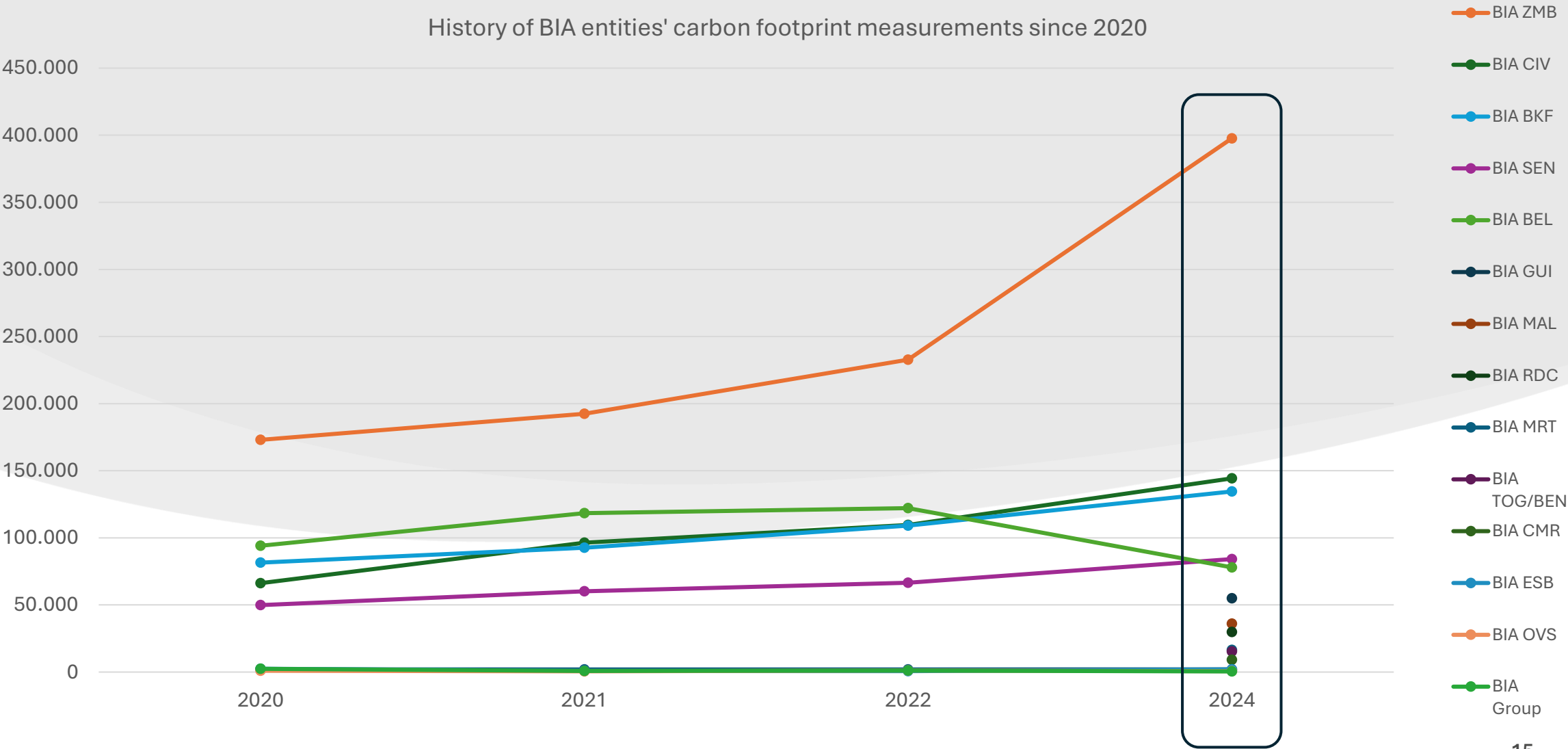


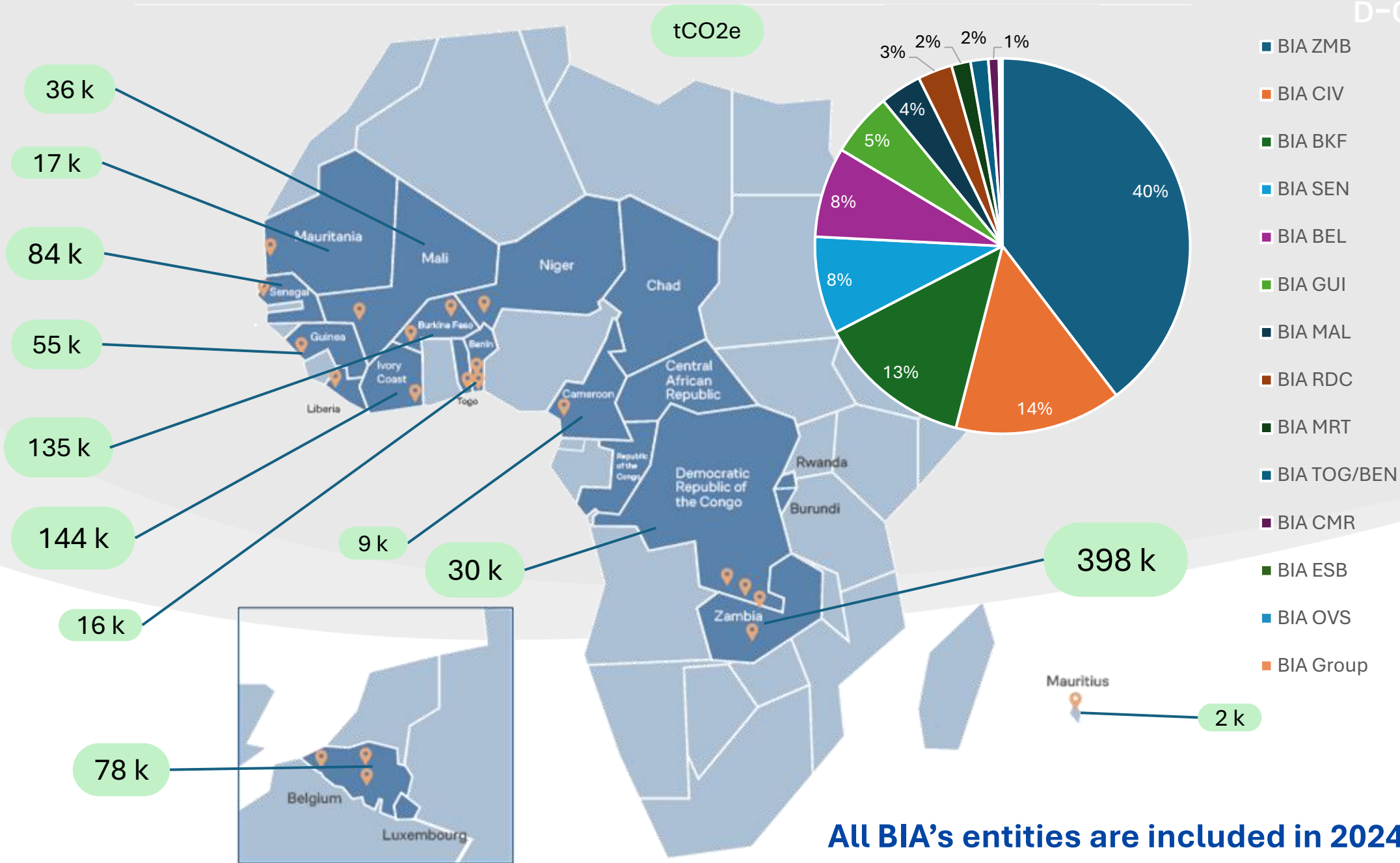
Note: these benchmarks are originally from the D-Carbonize database



Back to BIA's carbon footprint since 2020

Towards a full scope in 2024





All BIA's entities are included in 2024

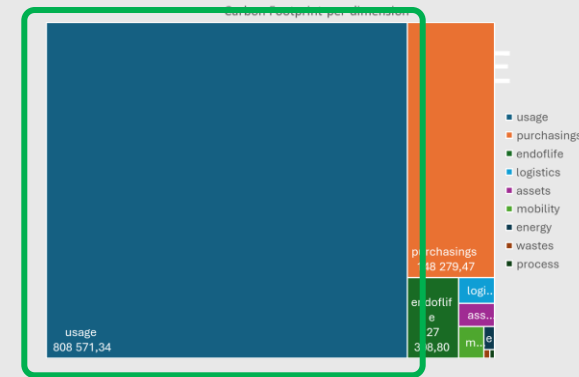
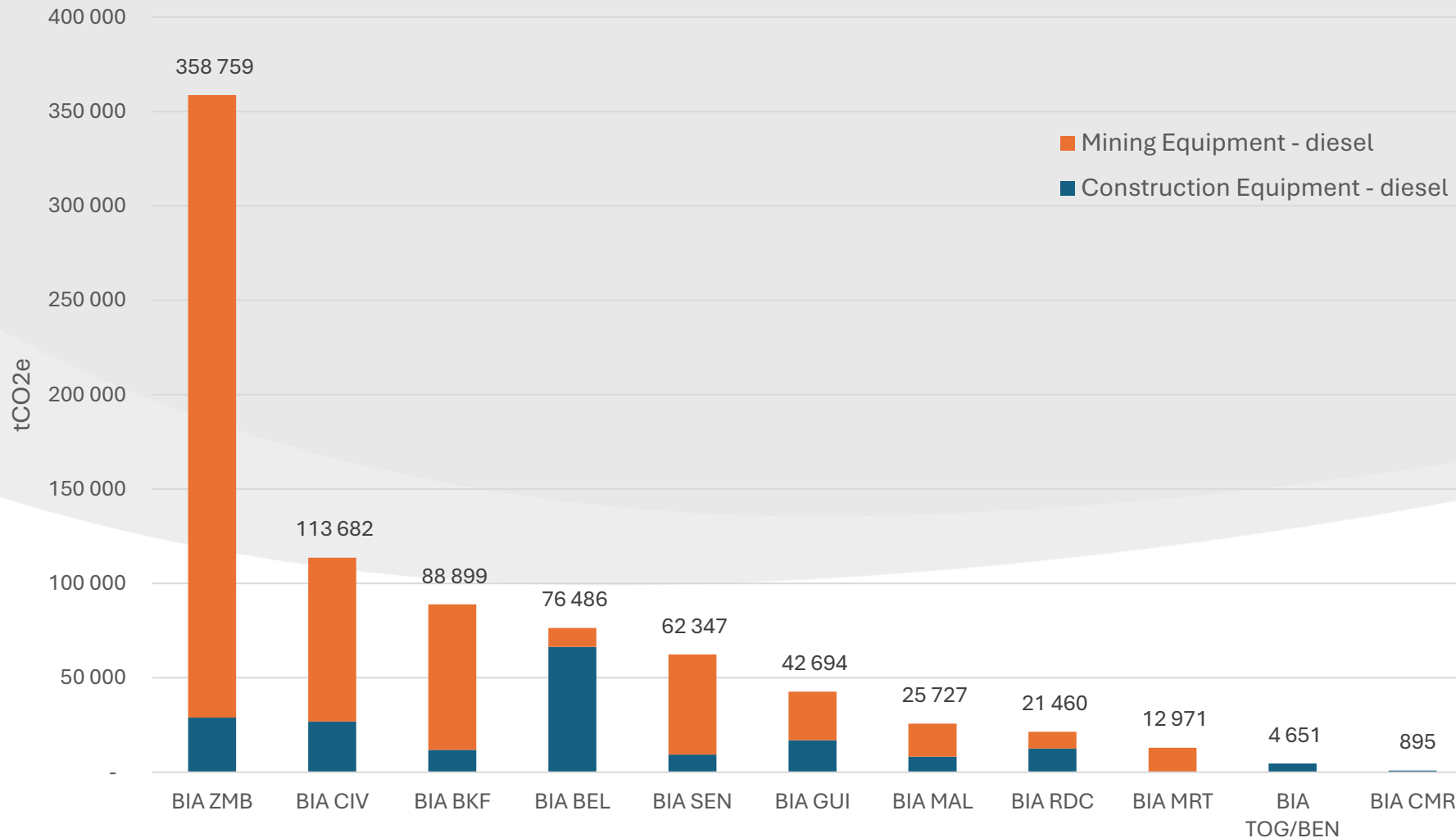


2.1. Detailed Level *Usage*

Usage (809 ktCO2e) by country

The use of equipment represents **72%** of the total carbon footprint

Equipments fuel consumption emissions per BIA entity



256 Mio litres
= Total amount of
diesel consumed by
equipment in 2024



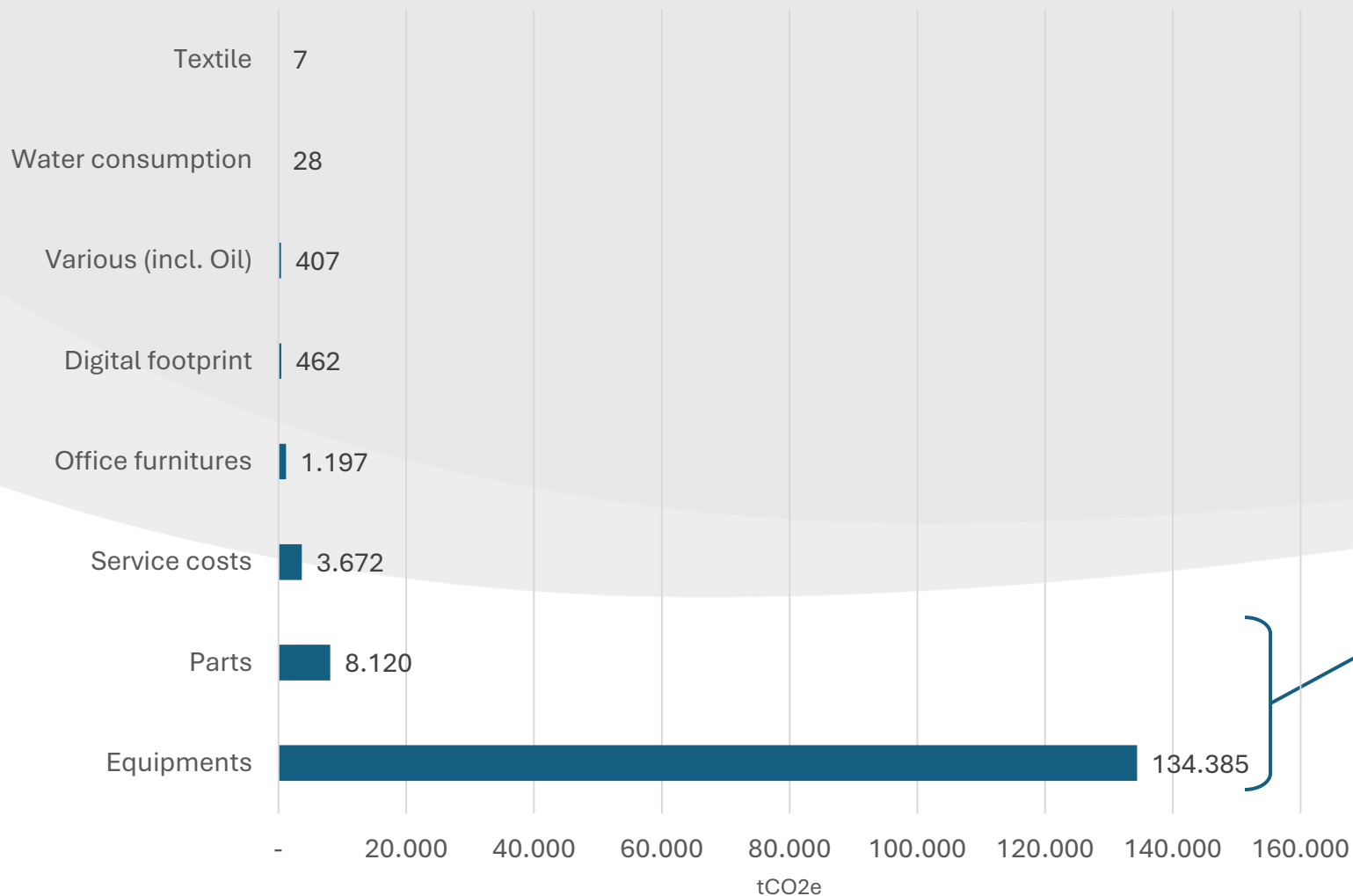
93,000 car trips around the
Earth
4 days of passenger car traffic
in France

2.2. Detailed Level *Purchasing*

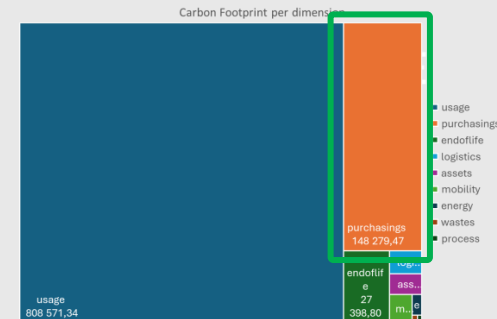
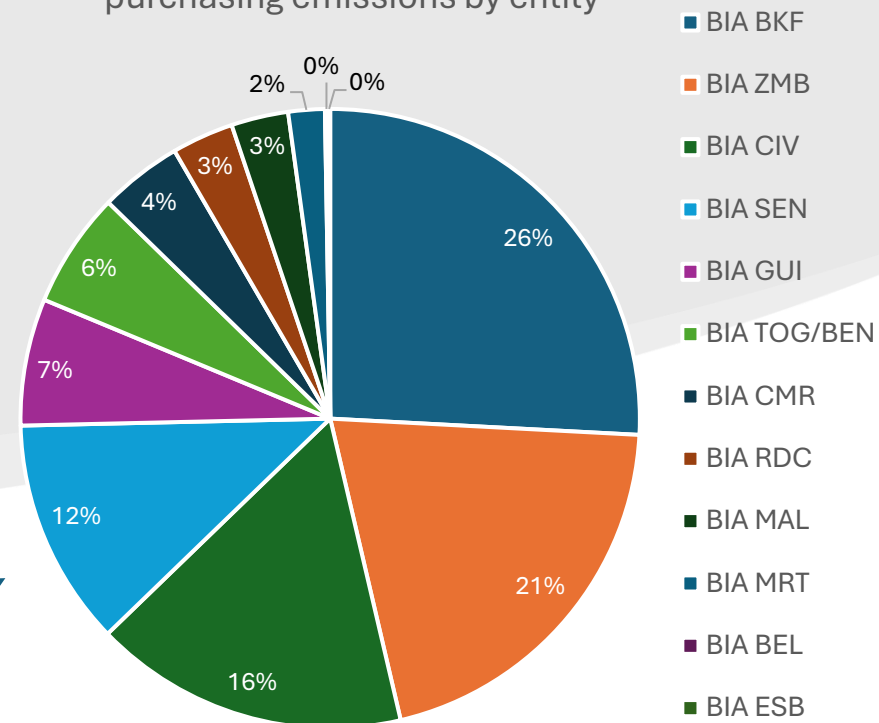
Purchasing – 148k tCO2e

Equipment accounts for 91% of purchases

Breakdown of BIA Procurement Emissions



Distribution of parts and equipment purchasing emissions by entity

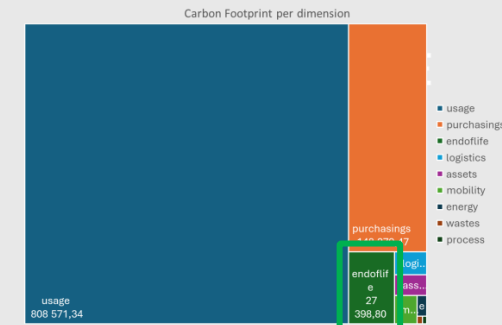


2.3. Detailed level

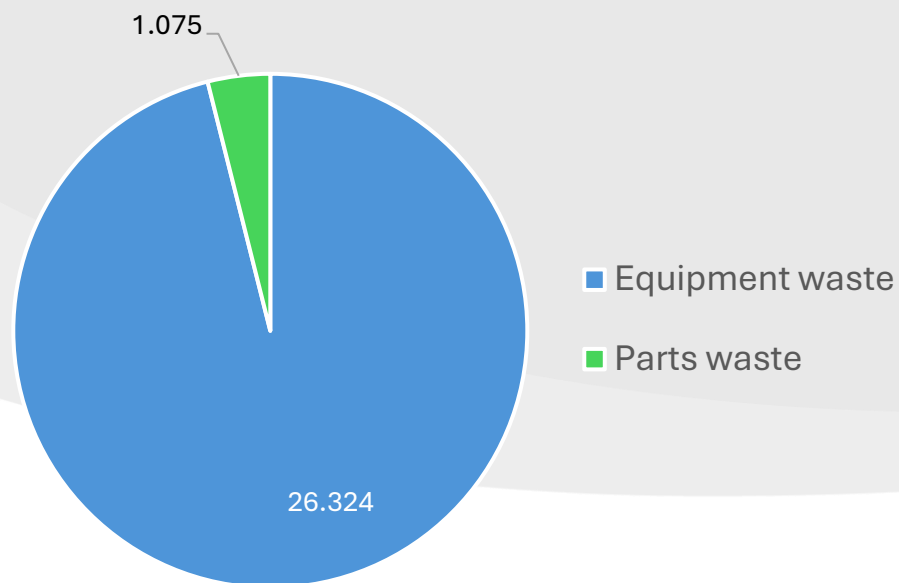
End of life

End of life – 27,4 ktCO2e

Potential for recyclability*



Emissions of end of life parts and equipment, in tCO2e



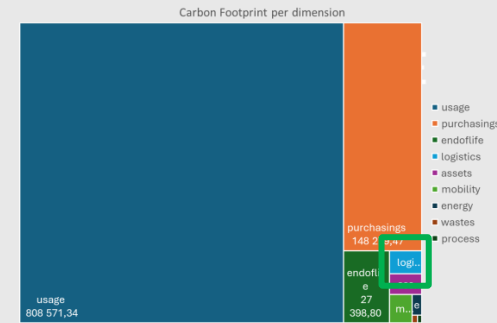
Types of waste within equipments



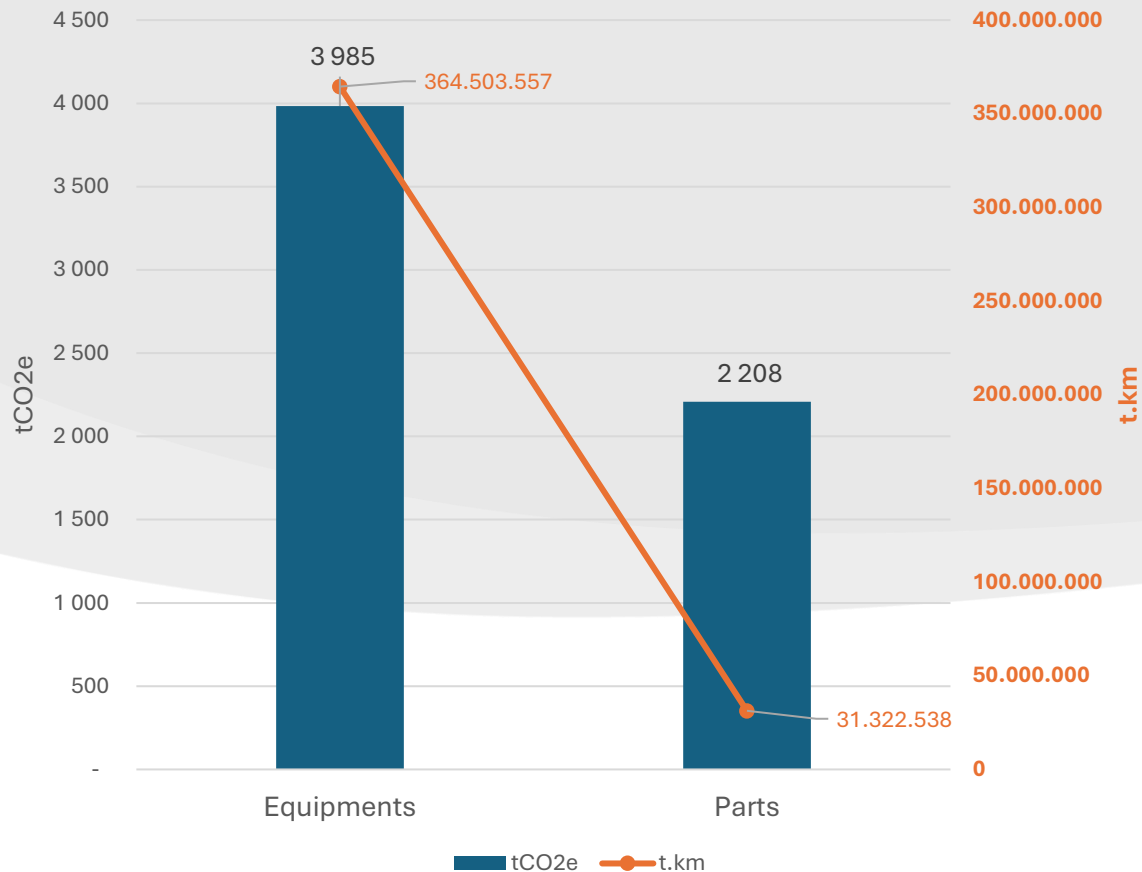
*Recycling of materials not yet taken into account in 2024 Carbon Footprint

2.4. Detailed Level *Logistics*

Logistics – 6,2 ktCO2e



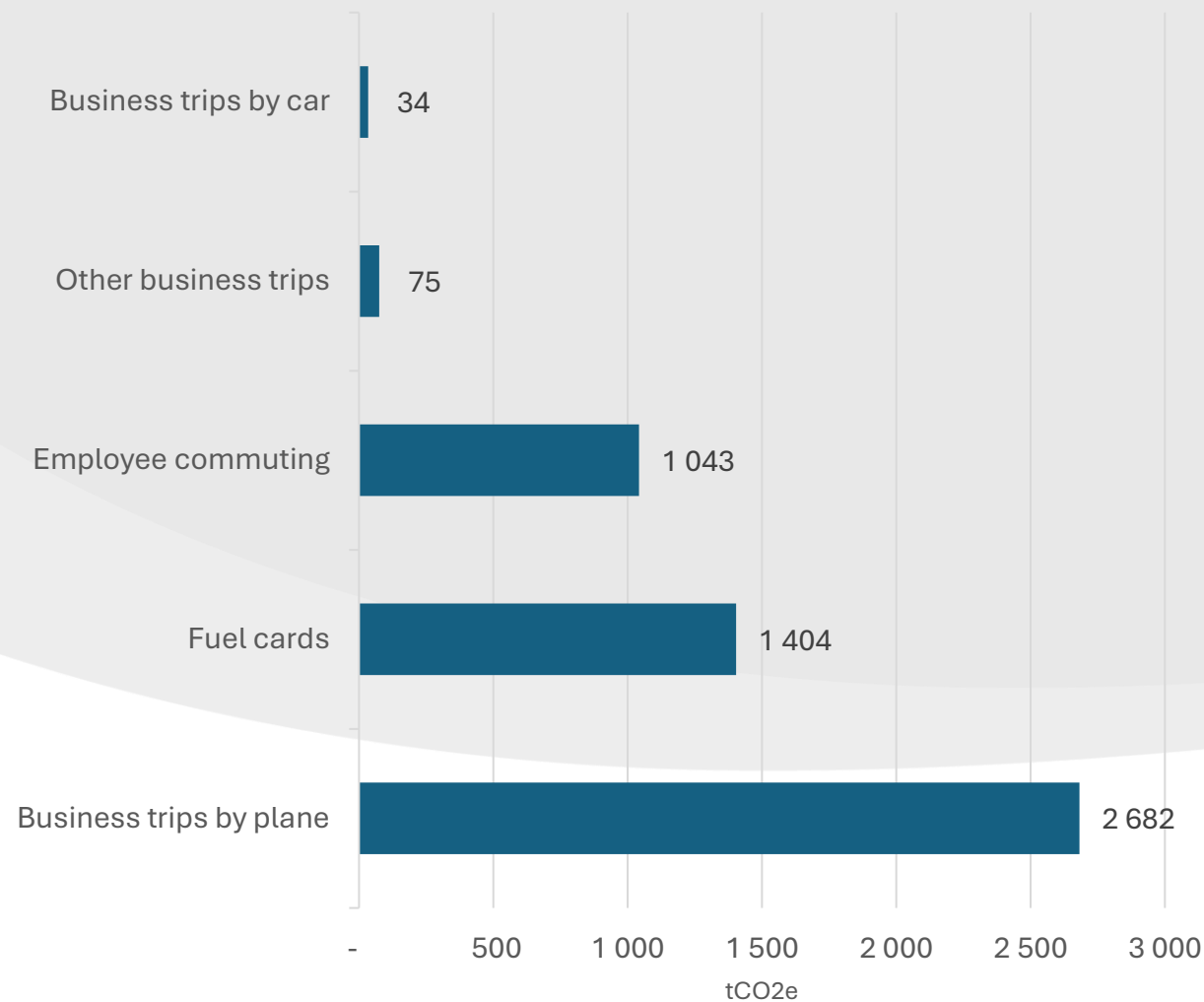
Emissions from logistics transport compared to t.km



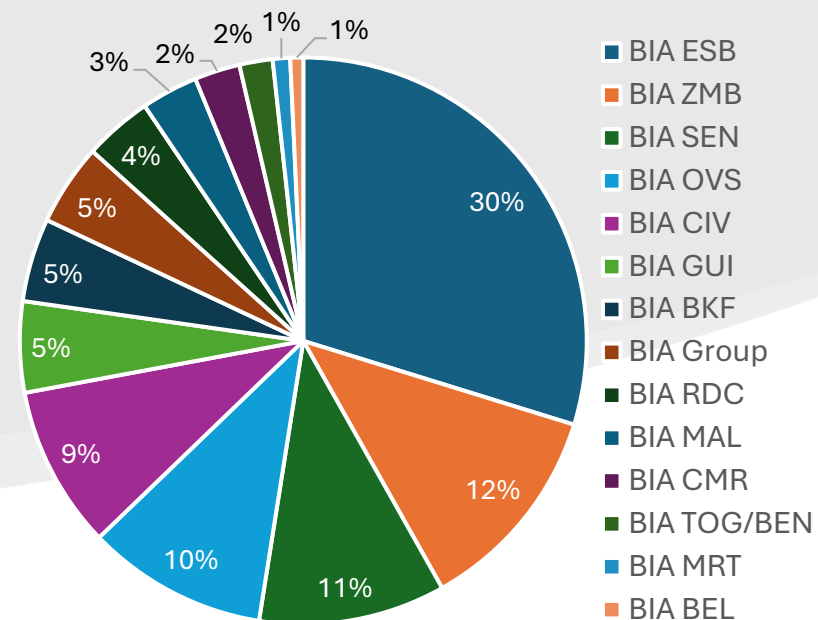
Equipment logistics concerns much **heavier** elements (more tons), while **parts** logistics uses relatively **more emissive** means of transport (more emissions per t.km)

2.5. Detailed Level *Mobility*

BIA mobility (5,3 ktCO2e)

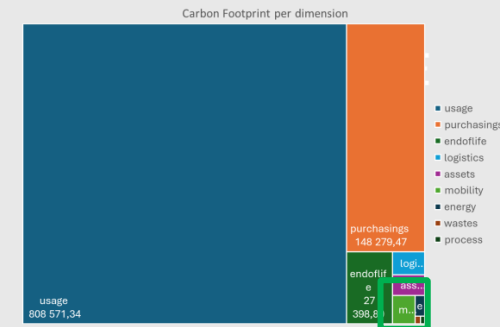


Focus on plane business trips



BIA employees have traveled **29 766 434 km** in total (2024)

↔ **21 664 km** per employee

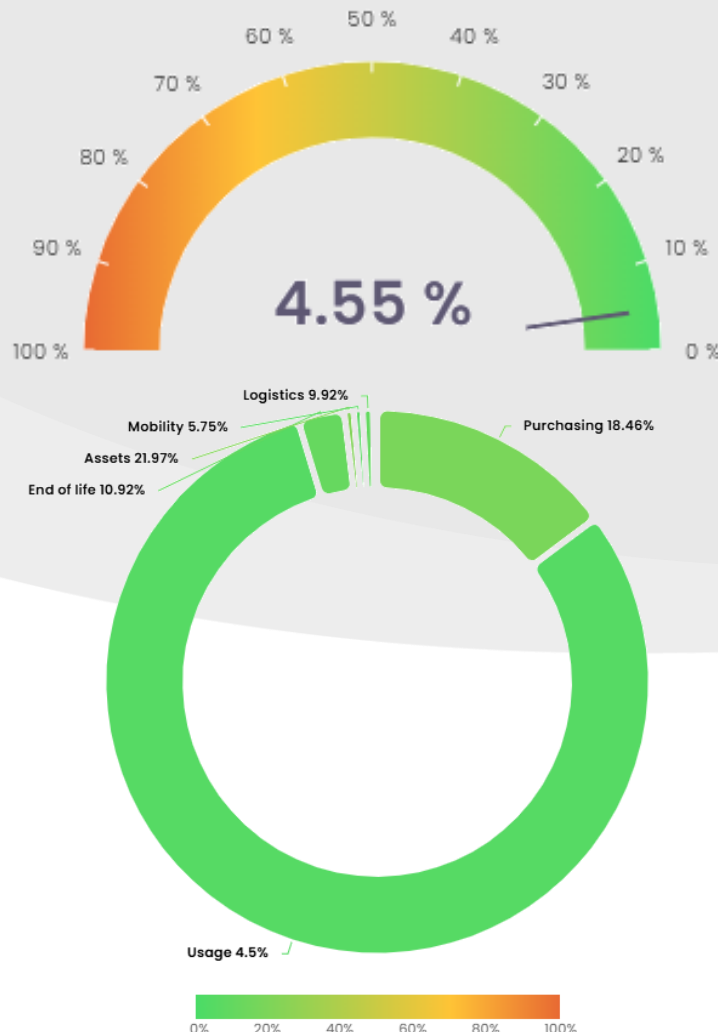


3. Limitations and areas for improvement

2024 carbon footprint uncertainty: 4,55%

Based on the uncertainty of the EFs used and the quality of the data provided

Global uncertainty



Main sources of uncertainty (ranked by impact):

1. Usage (809 ktCO₂e) – 4,5%
2. Purchasing (148 ktCO₂e) – 18,46%
3. End of life (27,4 ktCO₂e) – 10,92%

Well done! Very few monetary ratios were used when activity data were not available (entity data), but only where it was really needed. 😊

Percentage of monetary ratios used:
0,51 %

Annex

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