



**ABInBev**

# Sustainable Logistics

---

Our roadmap to reduce carbon  
and transform our fleet



# Our 2025 Global Sustainability Goals



## Smart Agriculture

## Water Stewardship

## Circular Packaging

## Climate Action

100% of our direct farmers are skilled, connected and financially empowered

100% of our communities in high stress areas have measurably improved water availability & quality

100% of our products will be in packaging that is returnable or made from majority recycled content

100% of our purchased electricity comes from renewable sources & 25% reduction of carbon emissions across our value chain

# How will we reach our 2025 goal?

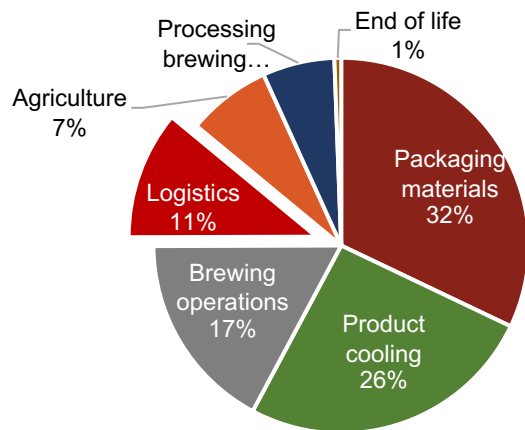
Summary – TOTAL MAZ		2017	2025	Change 2017 - 2025
<i>Volume</i>	<i>hl</i>	110,427,122	149,420,487	35%
<i>Absolute GHG</i>	<i>tCO<sub>2</sub>e</i>	6,214,055	TBD	TBD
<i>GHG Intensity</i>	<i>kgCO<sub>2</sub>e/hl</i>	56.3	42.2	-25%

Emissions intensity per Segment		2017	2025	Change 2017 - 2025
<i>Packaging materials</i>	<i>kgCO<sub>2</sub>e/hl</i>	18.1	TBD	TBD
<i>Logistics</i>	<i>kgCO<sub>2</sub>e/hl</i>	6.2	4.4	-29%
<i>Product cooling</i>	<i>kgCO<sub>2</sub>e/hl</i>	14.5	TBD	TBD

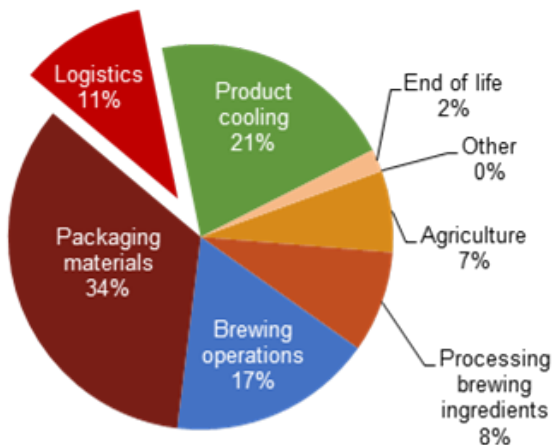
*We are committed to building an ambitious roadmap that ensures we reduce more than 25% of our emissions by 2025!*

# Our Carbon Footprint MAZ

## MAZ 2017



## MAZ 2019



## There are three scopes :

- ✓ Scope 1: reduction of energy consumption in our breweries
- ✓ Scope 2: Electricity (100% renewable energy goal)
- ✓ Scope 3: Value chain

*More than 60% of our emissions are in Scope 3*

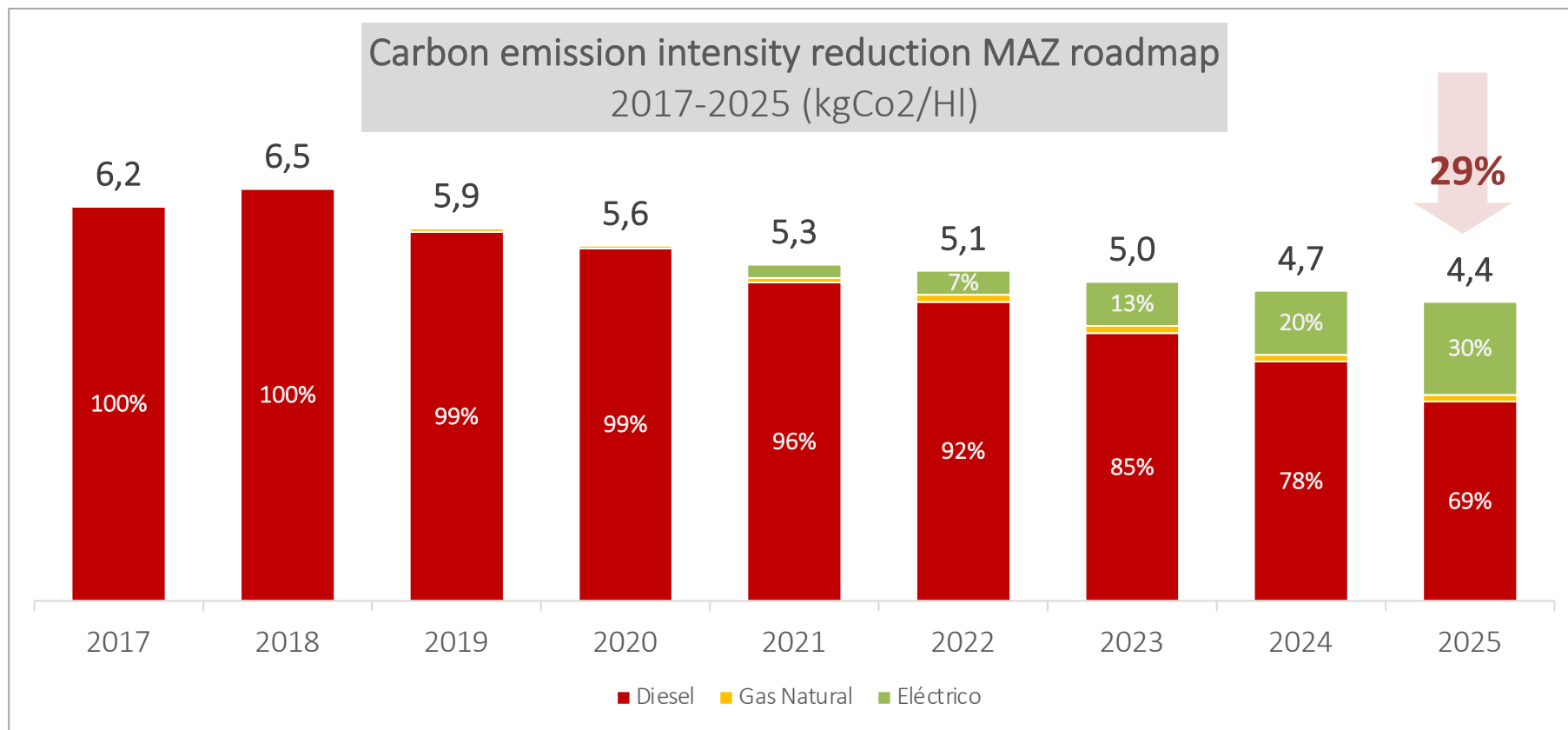
## Intensity vs. absolute emissions:

- ✓ Absolute emissions: Total emissions are reduced or increased regardless of volume sold
- ✓ kgCO<sub>2</sub>e/hl: Total emissions may increase but our operation becomes less carbon intensive



# CO2 Emission Reduction – 2025 Projection

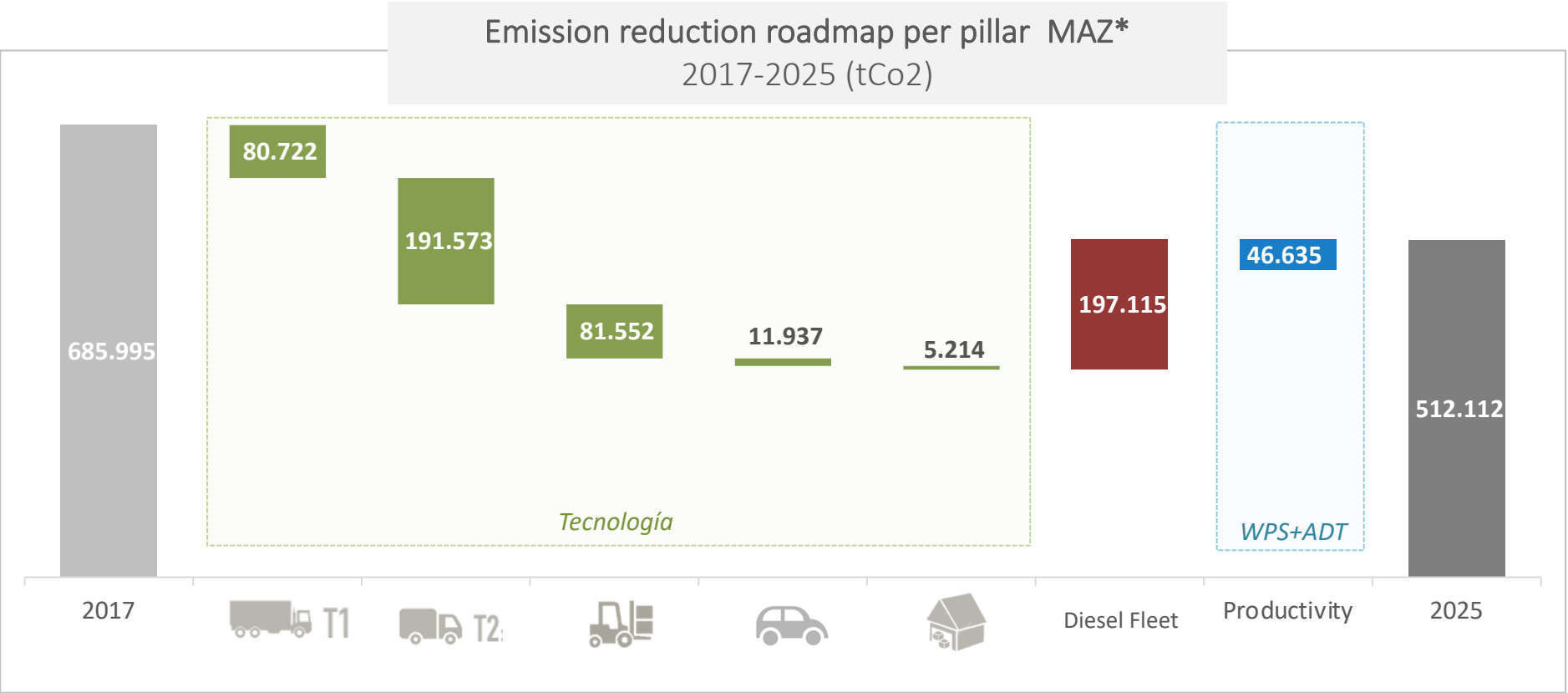
*By 2025 we want to reduce 29% of our logistics intensity emissions by having. We will achieve this having by using natural gas in 1% of our fleet and electricity for 30% of our fleet.*



\*\*3% volume increase 2022-2025. In 2020 volume stays the same as in 2019

# CO2 Emission Reduction – 2025 Projection

*This reduction is achieved through technology transitions and increase in productivity (WPS and ADT)*










# COLOMBIA

---

What is our plan?

# What's our current picture?

	 T1	 T2			
	PRIMARY	SECONDARY	FORKLIFTS	SALES FLEET	WAREHOUSES
Total	551	1.169	187	593	39
Outsourced	551	1.169	109	593	15
Own	0	0	78	0	24
Carrying capacity	35 ton	9 ton	3.5 Ton	1 ton	N/A
Fuel	Diesel	Diesel	Gas Propane Nat Gas	Nat Gas (70%) + Fuel (30%)	N/A

# WHAT DID WE DO IN 2019?



## PRIMARY: T1

We tested natural gas for 2 different routes having a positive business case



## SECONDARY: T2

Pilot one electric truck and pledged to have 200 electric trucks by 2021 (partnership with Renting Colombia)



## FORKLIFTS

Electric forklifts pilot in Itagüí Brewery with a positive business case



## SALES FLEET

We began building a plan to incorporate electric vans



## WAREHOUSES

Began exploring a PPA with Colibri for on site solar electricity in our warehouses



# WHAT IS OUR 2020 PLAN?



## PRIMARY: T1

Have 45 natural gas trucks rolling



## SECONDARY: T2

Incorporate 12 electric trucks (3.1 tons) and test 10 electric trucks with a bigger carrying capacity (12 tons)



## FORKLIFTS

Incorporate 6 electric forklifts



## SALES FLEET

Incorporate 19 electric vans



## WAREHOUSES

Sign PPA to have on site solar electricity in 6 warehouses



**AB InBev**






**MEXICO**

---

What is our plan?

# What's our current picture?



	 T1	 T2			
	PRIMARY	SECONDARY	FORKLIFTS	SALES FLEET	WAREHOUSES
Total	1.280	3.400	1.030	2.875	252
Outsourced	1.280	1.644	270	438	50
Own	0	1.756	760	2.437	302
Carrying capacity	51 Tn (Full) 30 Tn (single)	10 Tn	2 Tn	-	-
Fuel	Diesel	Diesel	Propane Gas and Diesel	Gasoline	N/A

# WHAT DID WE DO IN 2019?



## PRIMARY: T1

Renewal of 100% of our own fleet to Euro IV and/or Euro V technologies



## SECONDARY: T2

Pilot testing of e-Trucks and e-Vans in our operations (BYD) + BC e-Trucks



## FORKLIFTS

Implementation of 15 electric forklifts in secondary operation (T2)



## SALES FLEET

No electric vehicles were purchased and no TCO/BC analysis was performed



## WAREHOUSES

Acquisition of solar panels for Corona Capital and installation in Oceania Distribution Center

# WHAT IS OUR 2020 PLAN?



## PRIMARY: T1

- Ferromex – Transporte por tren
- Migración de 15% de la flota propia a a tecnología Euro VI



## SECONDARY: T2

- Arrival of 8 e-Vans (July)
- Definition BC e-trucks move to 2021 due to COVID-19
- Agreements with Engie



## FORKLIFTS

Move to 2021  
due to COVID 19



## SALES FLEET

TCO of electric vehicles and planning to acquire (leasing) 20 equipments for 2021



## WAREHOUSES

TBD