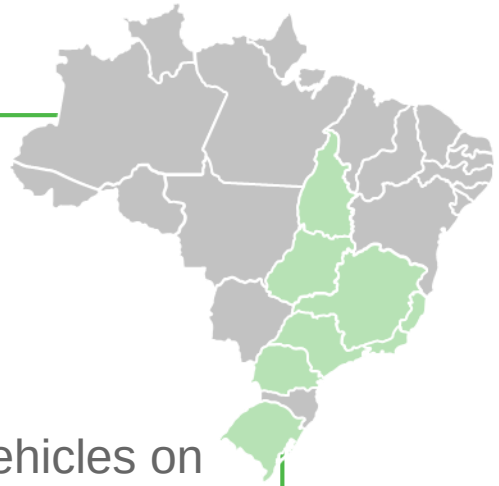
ecoRODOVIAS

EcoRodovias´ pathway to one Net Zero emissions world

Ecorodovias´ Decarbonization Plan
Geographic footprint

11 road concessions in eight different states of Brazil

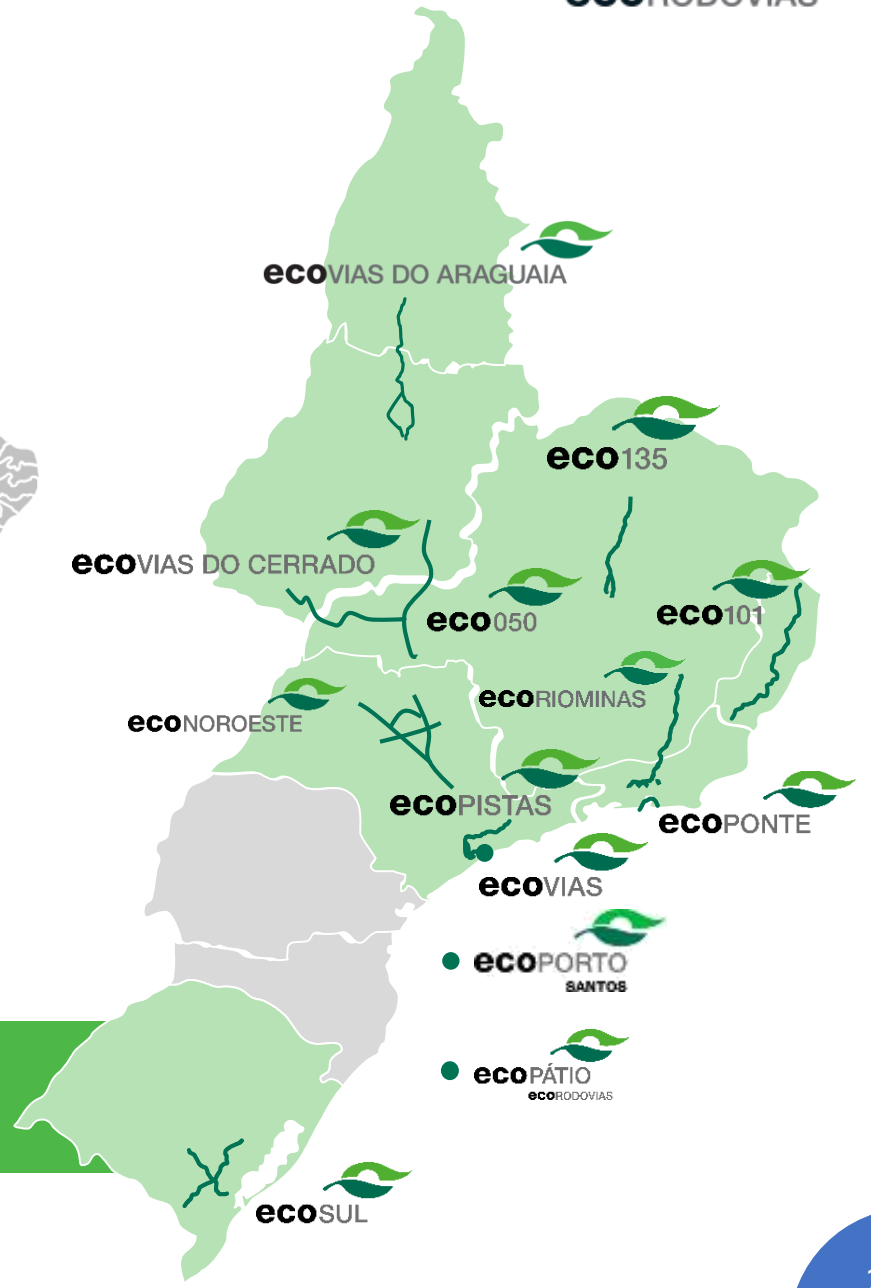


4.7 Thousand quilometers of roads

3.1 billions
invested on 2022

4.9 thousand
employees

402.7 millios of
Equivalent paying vehicles on 2022



We operate the main trade corridors in the country

Ecorodovias´ Decarbonization Plan
GHG reduction targets

In 2021, ASTM (EcoRodovias´ main shareholder) compromises with one SBTi target and on July 2022, the EcoRodovias Group was included in this target.

SBTi target

Scope	Baseline	Target	Target Year
Scopes 1 and 2	2020	To reduce 54%	2030
Scope 3	2021	To reduce 11%	2030

ASTM ESG Bonds

PRESS RELEASE

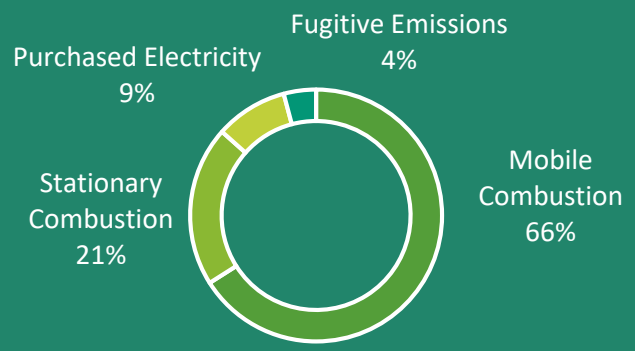
ASTM

ASTM PLACES €3 BILLION ESG BONDS AS DEMAND TOTALLED €12 BILLION

- THREE ESG-LINKED BOND ISSUES PLACED WITH GREAT SUCCESS:
  - €750 MILLION: 1.00% COUPON AND MATURITY IN 2026
  - €1.25 BILLION: 1.50% COUPON AND MATURITY IN 2030
  - €1 BILLION: 2.375% COUPON AND MATURITY IN 2033
- ASTM'S BONDS ARE THE FIRST BONDS ISSUED IN THE WORLD BY AN "INFRA" ISSUER INCORPORATING SBTi TARGET COMMITMENTS

Ecorodovias´ Decarbonization Plan
Scopes 1 and 2

Decarbonization Plan
Scopes 1 and 2



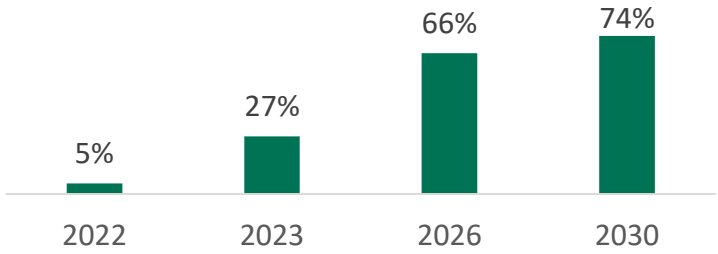
The Scopes 1 and 2 Decarbonization Plan of EcoRodovias is going to focus on the **Energy Matrix change**, considering the use of fuels in the fleet of vehicles and the eletric energy.

Scope 1
Use of ethanol

Scope 2
Use of photovoltaic energy

Scope 1
Light trucks eletrification

% of energy of photovoltaic plants (self generated) in EcoRodovias



The remaining energy is also going to be of renewable sources (26% in 2030) with the acquisition of certified energy.

In study
- Use of biomethane in the light and heavy trucks
- Use of natural gas in heavy trucks

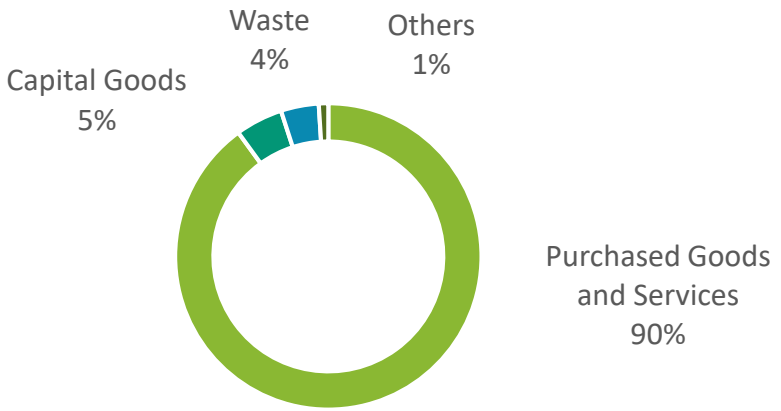
Ecorodovias´ Decarbonization Plan
Scope 3

Decarbonization Plan
Scope 3

Initiatives and partnerships

- CAP PRO AP – more adequate for the process of hot process HMA recycling (20% - 30 % of RAP – Recycled Asphalt Pavement
- CAP PRO W: asphalt binder that allows to use lower temperatures in the mixture process(reduction of 30 – 50°C)
- Implementation of one tool to assess andengage the suppliers about ESG.

Scope 3 emissions (2022)



Regarding the Scope 3 emissions, the Company is taking actions to reduce the category 1 – **Purchased Goods and Services**.

In study

- Change of fuels in the asphalt plants (natural gas, LPG or biofuels.

Ecorodovias´ Decarbonization Plan
Scope 3

Electric charging stations

	2023	2025	2030
Ecopistas	8	8	8
Ecoponte	0	1	1
Eco050	8	10	10
Eco135	5	5	6
Ecovias do Cerrado	9	9	9
Ecovias do Araguaia	7	19	19
Ecosul	5	3	8
Eco101	6	6	12
EcoRioMinas	0	16	18
EcoNoroeste	0	9	14
TOTAL	**54**	**93**	**112**

Goals

- To make the infrastructure for electric vehicles available in the country
- To reduce the carbono footprint of our road users (Scope 3)
- To encourage other players to install electric chargers in our roads

EcoRodovias has one commitment to install one electric charging station each 60 kilometers in our roads

Thank you!

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