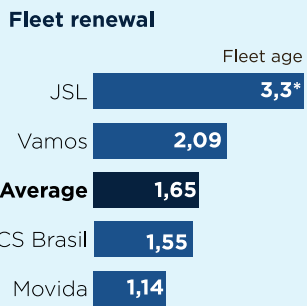


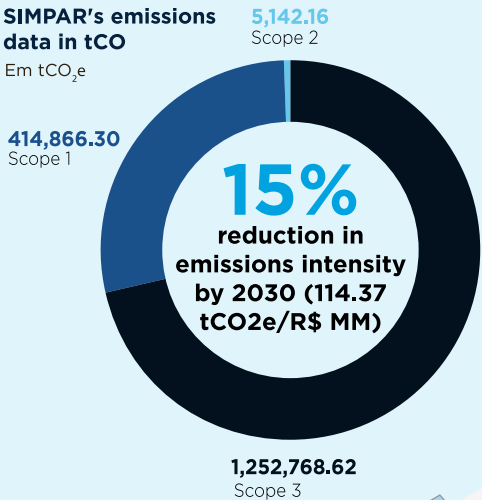
TOWARDS DECARBONIZATION

The Greenhouse Gas (GHG) Emissions Management Program entails the measurement of emissions; reduction plans based on global references; adopting measures to minimize impacts; defining targets; and offsetting emissions



• Reducing the average age of the independent fleet and helping exchange vehicles

*fleet of trucks and tractor trucks



Energy efficiency

More than 100 stores

will have implemented photovoltaic energy by 2022

- Diagnosing and mapping branches to implement solar panels
- Purchasing energy in the free market

Management

- Sustainability Committee and Board of Directors: recommended initiatives, evaluating and overseeing targets
- Rational use of fuel
- Route optimization
- Issuance of the first Sustainability-Linked Bond in the sector in the world
- Use of the GHG Protocol methodology (monitoring and inventories)
- Use of state-of-the-art technology that can transform polluting inputs into biogas (Ciclus Ambiental)

Monitoring and control

- Defining sector, operational and emissions indicators by business line
- Targets prepared in accordance with Science Based Targets (SBTi)
- Scope 1, 2 and 3 inventories

Monetization of solid waste and generation of biogas

Inovações em veículos

Electric truck	JSL, Vamos and CS Brasil
Electric buses	JSL
Electric stackers	JSL and Vamos
Biomethane trucks	JSL and Vamos
Hybrid trucks	JSL
Equipment quintruck	JSL
Electric cars	JSL and Movida
Hybrid cars	Movida

CH₄ → Biogas → Carbon credits

Partnerships & technology

- Landfill generates carbon credits (Ciclus)
- Carbon Free program (Movida)
- Zero Carbon Program (Vamos)
- Emissions, scopes 1 and 2, offset by Ciclus Ambiental credits, in 2019 and 2020 (Vamos)
- Neutralization measures in partnership with clients (JSL)
- Generated carbon credits (Ciclus)