




2023 Green Freight Summit

Greening Freight in Latin America

Márcio D'Agosto / Brazilian Green Logistic Program
May 17th, 2023

What is PLVB?

-  Mission, Vision & Value
-  Guiding questions

Framework

Timeline & Present Situation

Outputs

-  Services
-  Products

Contributions

-  Examples of Best Practices & Results

Lessons

Invitation



MISSION, VISION & VALUE



MISSION

LEADING COMPANIES OPERATING IN DIFFERENT MARKETS AROUND THE WORLD MUST TAKE THE PROTAGONISM IN PROMOTING THE TRANSFORMATION OF LOGISTICS IN THE SEARCH OF EFFICIENCY AND SUSTAINABILITY.



VISION

PLVB IS THE ONLY BRAZILIAN PROGRAM THAT BRINGS SHIPPERS, CARRIERS & 3PL TOGETHER TO PROMOTE EFFICIENCY AND SUSTAINABILITY IN LOGISTICS!

VALUE



GUIDING QUESTIONS.

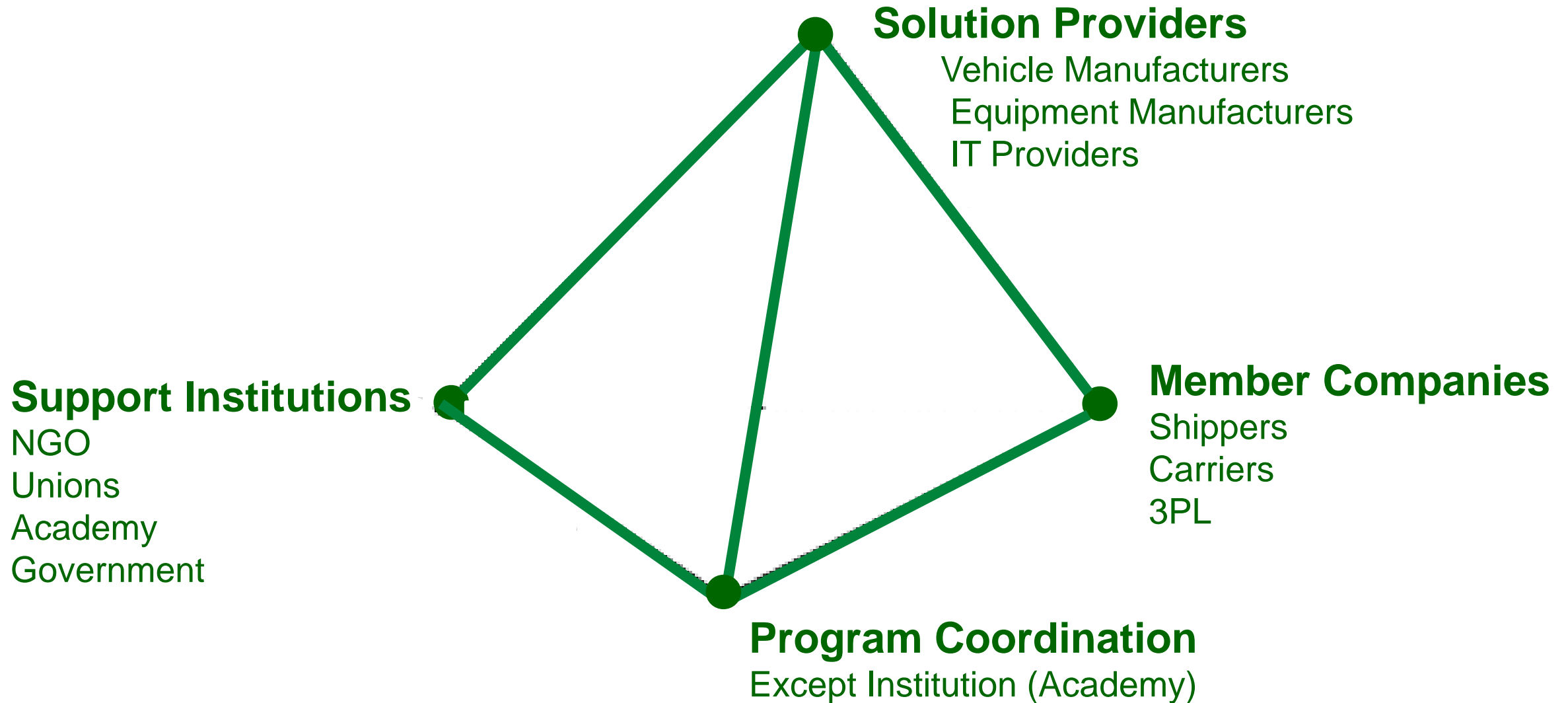


Can my company be efficient
while multiplying social and
environmental benefits?

How can I be more efficient even
with the infrastructure limitations
that the country faces?

Is it possible to reduce costs while
protecting the environment and
society?







SETTING - UNDERSTANDING – TRAINING – RECOGNITION – CERTIFICATION– EVOLUTION – REVISION - EXPANDING

2016

2017

2018

2019

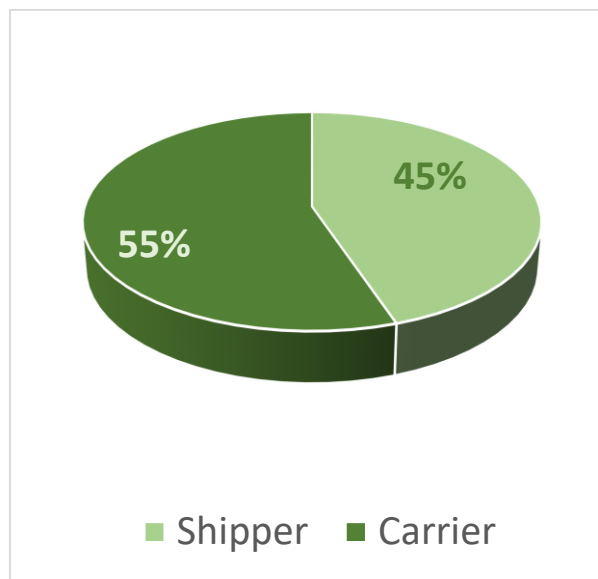
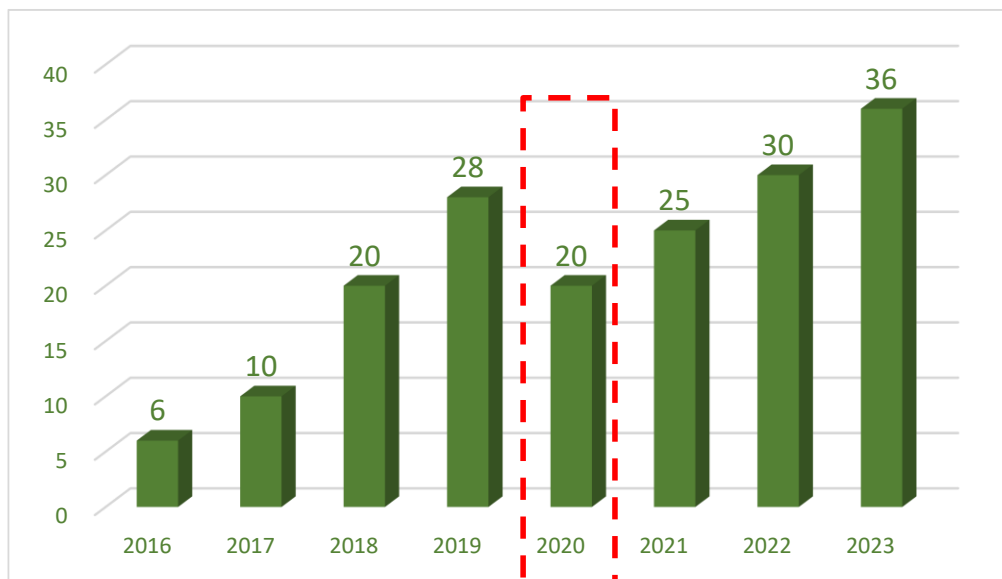
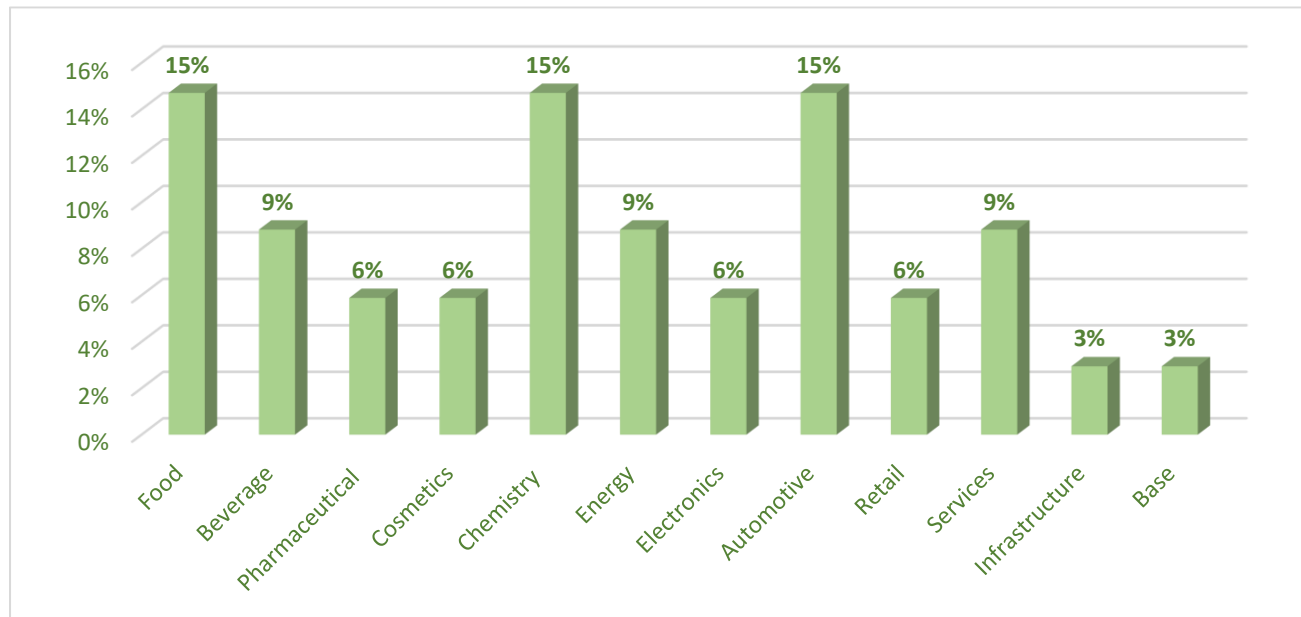
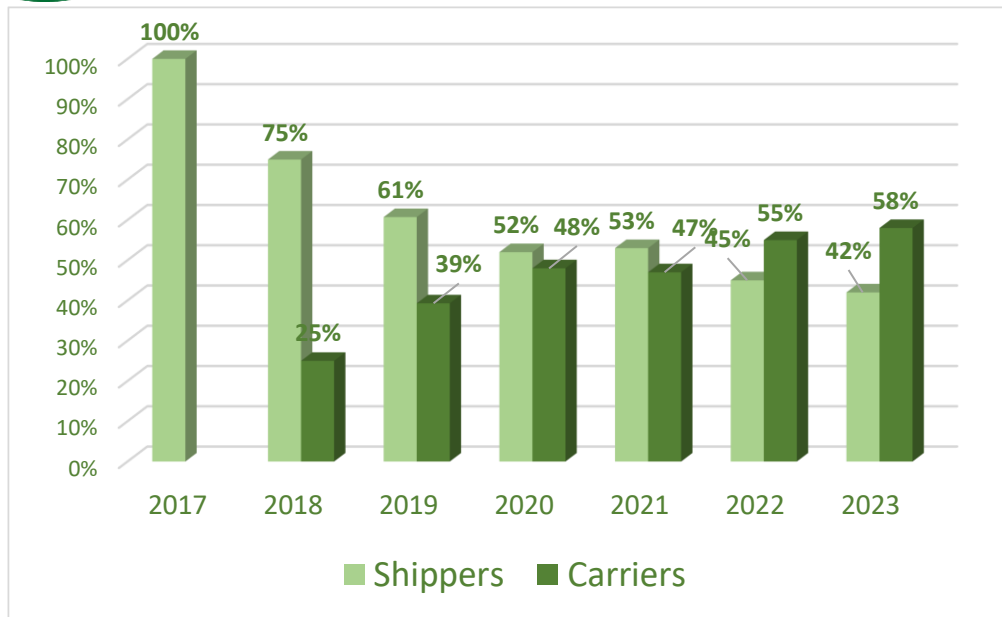
2020

2021

2022

2023

TIMELINE & PRESENT SITUATION





RECOGNITION & CERTIFICATION



**THEMATIC
WORKSHOPS**



**REFERENCE
PUBLICATIONS**

**THECNICAL
SUPPORT**

TREINING

NETWORKING

**INTERNATIONAL
COVERAGE**

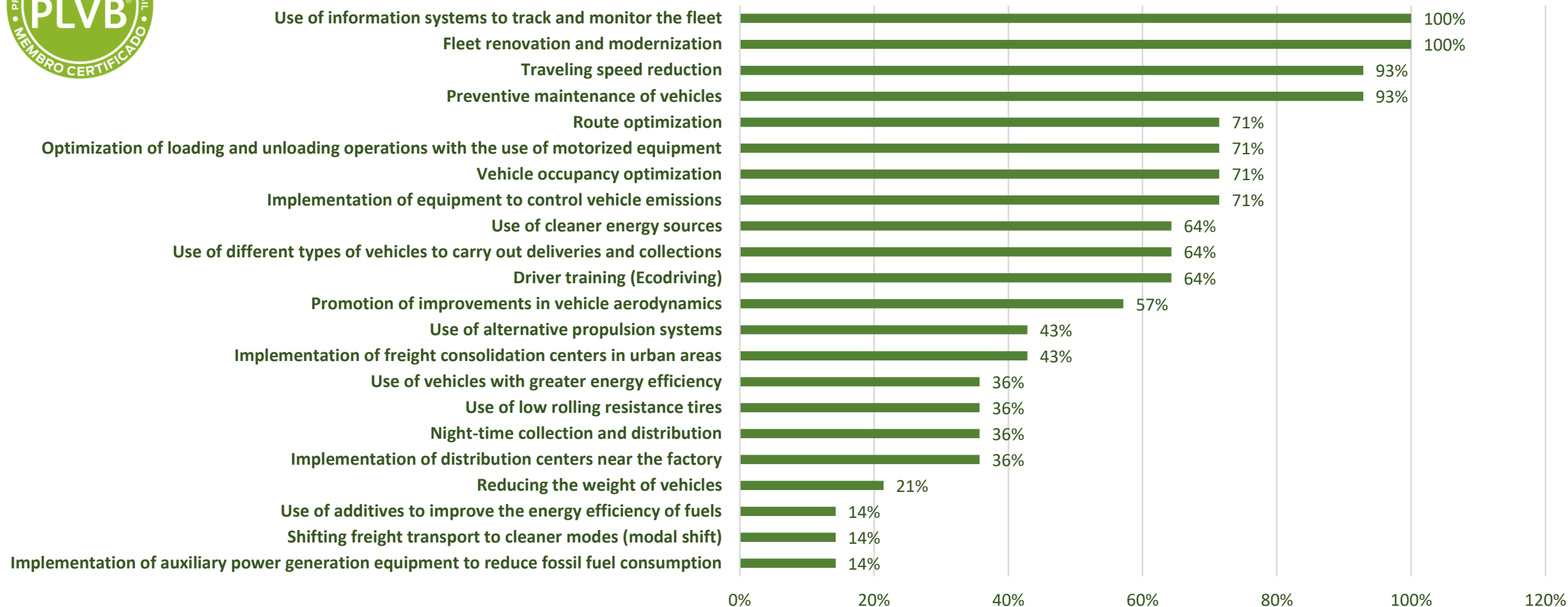


WORK MEETINGS





Summary of Best Practices & Results (Carriers)



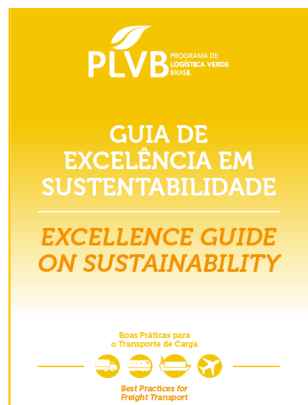


CONTRIBUTIONS

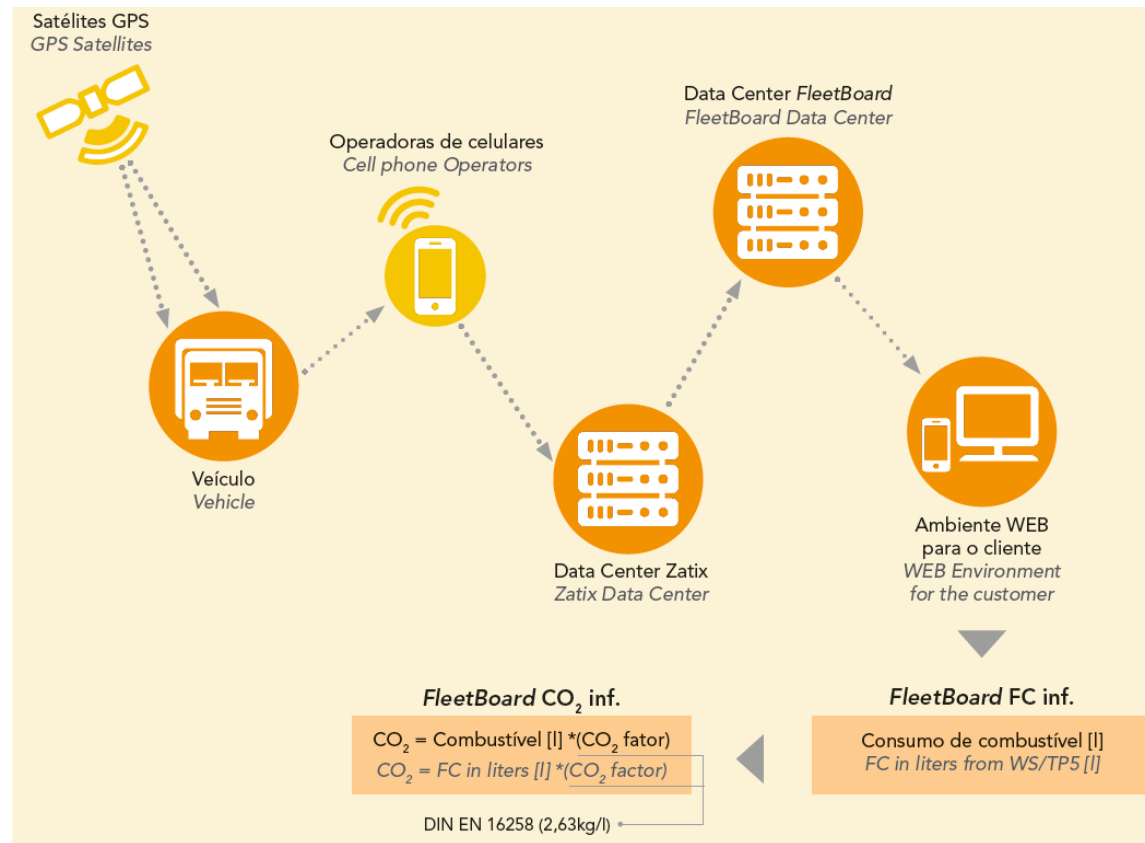


Example of Best Practices & Results

Use of information systems to track and monitor the fleet



Fleel renovation and modernization
Use of information systems to track and monitor the fleet
Promotion of improvements in vehicle aerodynamics
Driver training (Eco- driving)



Extent:
6 months operation

Savings:
21% improvement
In fuel economy
and CO₂ emissions

1st Edition

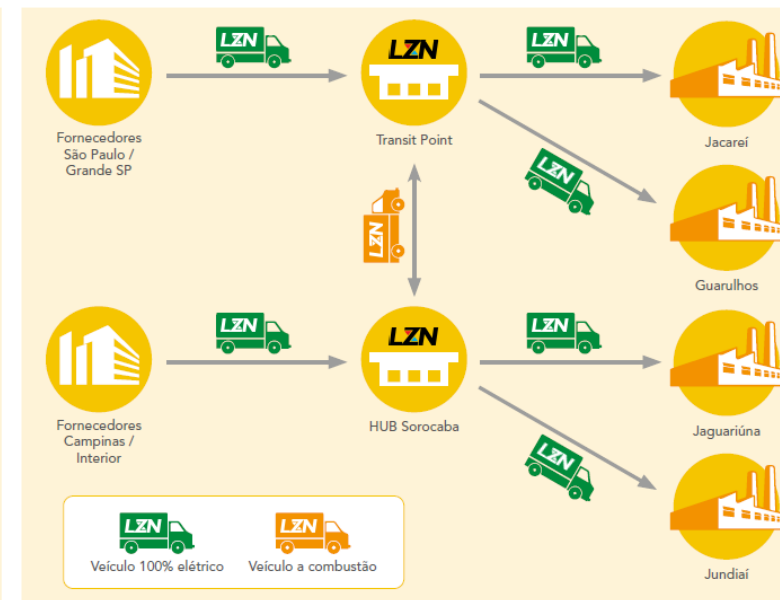
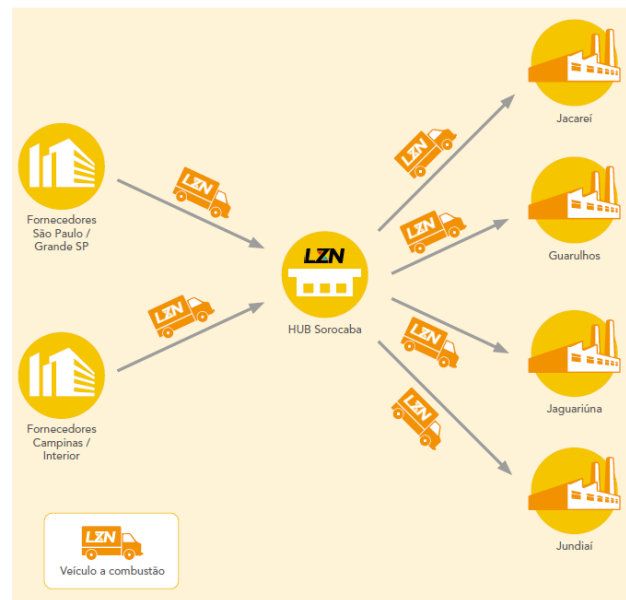
Example of Best Practices & Results

Use of alternative propulsion systems and cleaner energy sources

LZN logística



Implementation of freight consolidation centers in urban areas
Use of alternative propulsion systems
Use of cleaner energy sources



Savings:

- 195,000 km/year
- 120 tCO₂/year
- 51% CO₂ emission

Example of Best Practices & Results (Carriers) Use of cleaner energy sources



3rd Edition



Mileage:
617.516 km/year
1.350 round trips

Bled:
30% Biomethane
70% Methane

Savings:
34,90% CO₂ emissions
19,44% Costs

Summary of Best Practices & Results – Next Steps



Aline Portugal is one of the Best drivers at LOTS Group.



LOTS Group Control Tower – PLVB® Member Company



Strong conceptual & technical base (academy)

Trustable information.



Decoding to the member company language

Match expectations and use what is given.



Conquer adhesions (tetrahedron)

Sharing roles.



Progressive evolution

Step by step action plan.

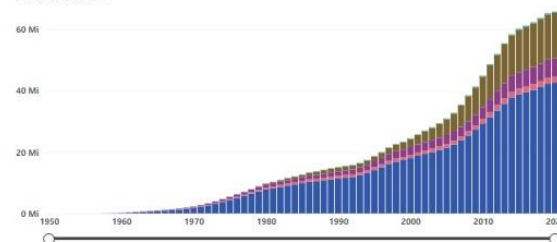
OBSERVATÓRIO DE SUSTENTABILIDADE EM MOBILIDADE E LOGÍSTICA

O OSML + Conceitos + Atividade + Energia + Emissões Contato

Frota circulante

Como entender esses números?

Frota circulante



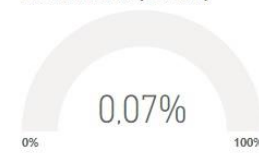
¹ Passe o mouse para mais detalhes
² Arraste para alterar a linha de base

Divisão por tecnologia



2020 X

Elétricos e híbridos (frota total)



Microsoft Power BI

OSML

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Pesquisar



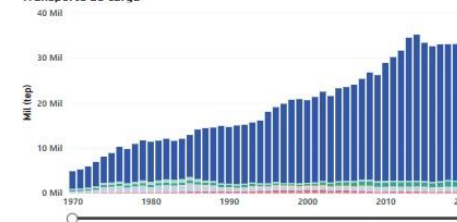
OBSERVATÓRIO DE SUSTENTABILIDADE EM MOBILIDADE E LOGÍSTICA

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Consumo energético

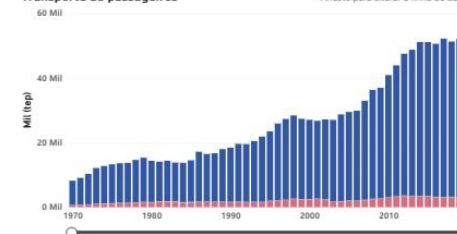
Como entender esses números?

Transporte de carga



¹ Passe o mouse para mais detalhes
² Arraste para alterar a linha de base

Transporte de passageiros



Microsoft Power BI

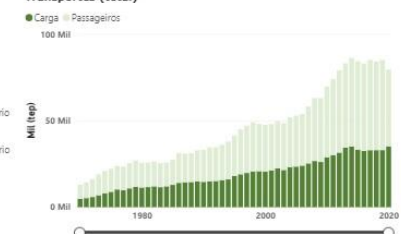
Carga



Passageiros



Transportes (total)



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Pesquisar



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