

An Ecosystem of Support Initiatives for Transport & Logistics

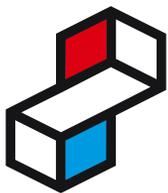
A Lean & Green Event

6th July 2023



**CLUSTER
FOR
LOGISTICS**
LUXEMBOURG
ADDING VALUE IS THE KEY.





Agenda of Today

- 16:30-16:45** Welcome Words, the Lean & Green Program - *Cluster for Logistics Luxembourg*
- 16:45-17:05** Fit4Sustainability & Investment Aids for the Protection of the Environment - *Luxinnovation*
- 17:05-17:25** SME Packages - Sustainability & Environmental Impact Aid - *House of Sustainability*
- 17:25-17:45** Reach Carbon Visibility with Automated Scope 3 Reporting - *Gryn*
- 17:45-18:05** Financial Aid for the Purchase of Zero-Emission Heavy-Goods Vehicles - *Ministry of the Economy*
Financial Aid for the Investment in Charging Infrastructure - *Ministry of the Economy*
- 18:05-18:25** Enoprimes by Enovos - *Energieagence*
- 18:25-18:30** Closing Words - *Cluster for Logistics Luxembourg*
- 18:30** Networking Cocktail

Speakers



Jil Brimaire
Cluster for Logistics



Emmanuelle Kipper
Luxinnovation



Philippe Scholten
House of Sustainability



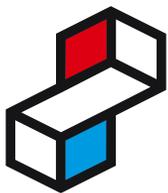
Oliver Ritzmann
Gryn



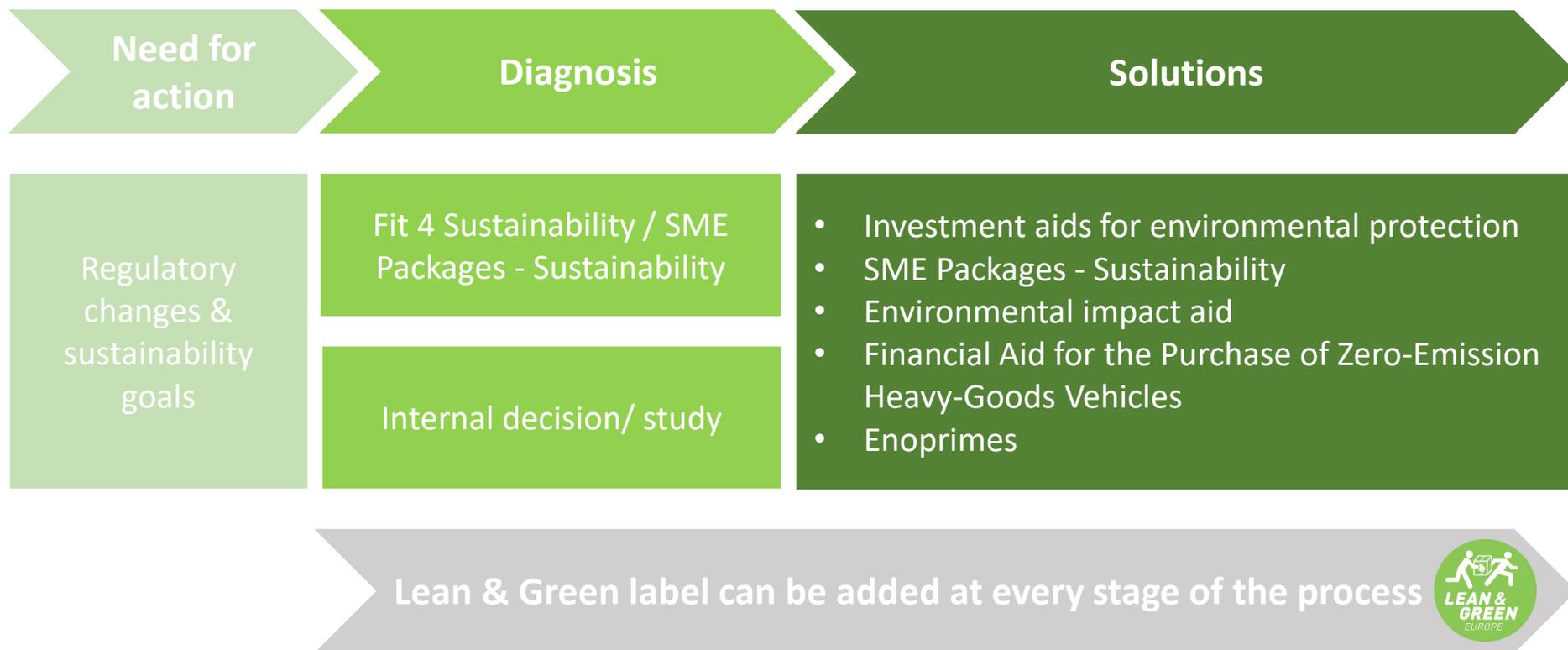
Randy Quintus
Ministry of the Economy



Yoann Lintz
Energieagence



Support Initiatives for Transport & Logistics



LEAN and GREEN Luxembourg

2023

Cluster for Logistics Luxembourg



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de la Mobilité
et des Travaux publics

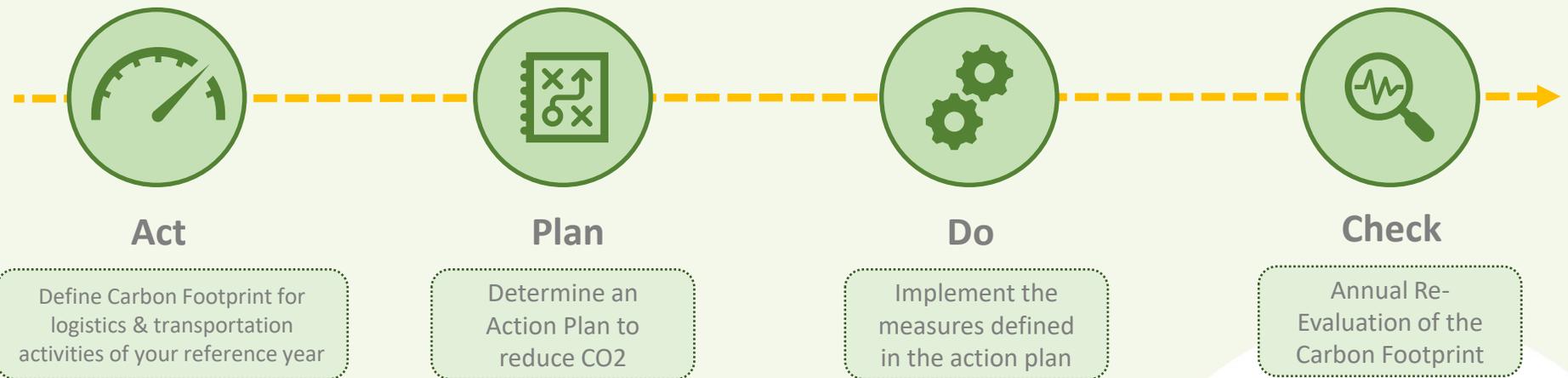


LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Énergie et de
l'Aménagement du territoire



Lean & Green Concept

- International sustainable logistics label program launched by a Dutch association called *Connekt* in 2008
- Cluster for Logistics Luxembourg is the national Lean & Green host in Luxembourg since 2014
- Goal: Motivate companies to reduce at least 20% of CO2 emissions from transport & logistics activities in Luxembourg within 5 years (reference year max 3 years backwards)
- Elaborate an individual action plan with measures that allow to reshape logistics & transportation activities, all while defining potential costs and CO2 emissions savings



Lean & Green Star Levels

- Lean & Green initiative is a **continuing program** which motivates companies to achieve new levels of sustainability on an ongoing basis
- Lean & Green initiative comprises **5 levels of sustainability** and for each level another Lean & Green Star (ranging from 1st – 5th Lean & Green Star) is awarded
- Lean & Green labels foresees varying criteria for achieving the different levels of sustainability



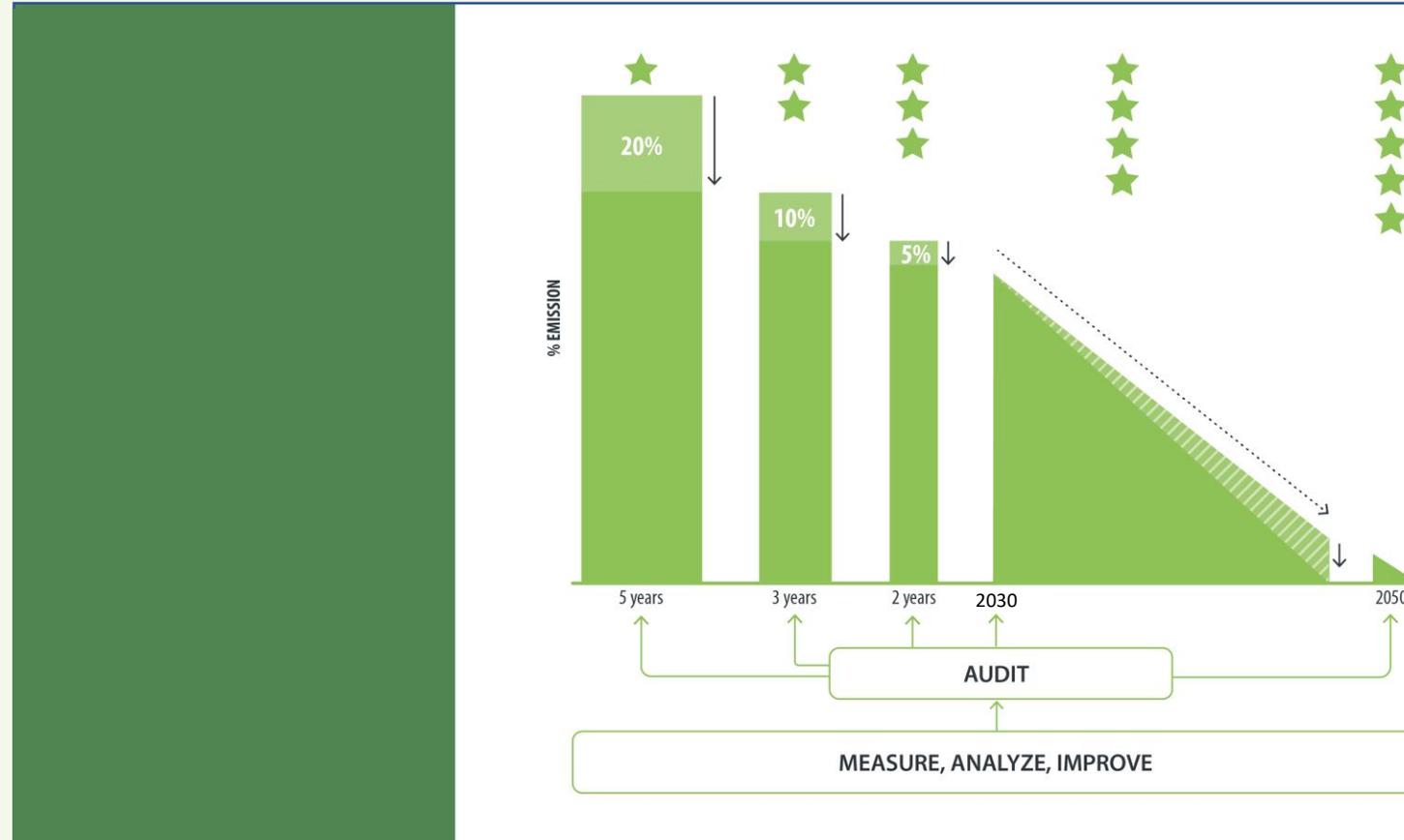
| Criteria | | ★ | ★★ | ★★★ | ★★★★ | ★★★★★ |
|-----------------------------------|--|---------------------------|-------------------------------|------------------------------|-----------------------------------|--------------------------------------|
| Reduction of GHG | For the commitment & elaboration of a feasible action plan reception of L+G Award. | 20% CO2 in max 5 years | Additional 10% CO2 in 3 years | Additional 5% CO2 in 2 years | Additional 20% CO2 in 2 years | Moving target – 2050 AT Latest (TBD) |
| Scope of logistics activities | | 50% of activities | 65% of activities | 75% of activities | 85% of activities | 90% of activities |
| Data Quality | | Bronze: industry averages | Silver: actual data (mth/yr) | Silver: actual data (mth/yr) | Gold: actual data (license plate) | Gold+: actual data (stop/trip) |
| Collaboration/ Innovation Project | | No | Yes (1+ project) | Yes (2+ projects) | Yes (2+ projects) | TBD |

55 % CO2 reduction in total



Lean & Green Star Levels – Road to 2050

- Compliance with the EU Green Deal (-55% of CO2 emissions in 2030)



Lean & Green Members

- **International level:** + 600 Lean & Green companies – 2,5 million tonnes of CO2
- **Luxembourg level:** 16 Lean & Green companies

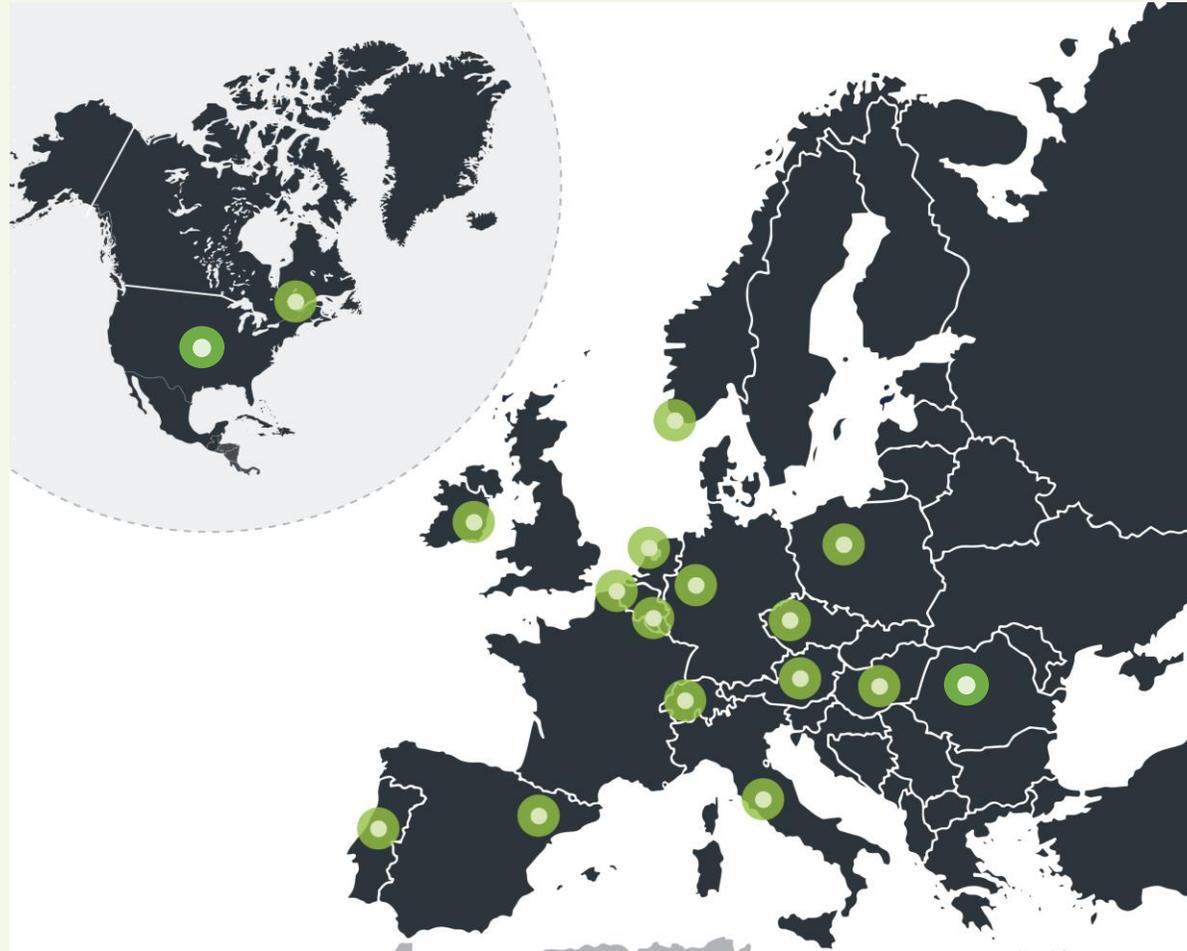
| | Award  | 1 Star  | 2 Star  |
|-------------------------|--|--|---|
| Transporters | Webtaxi GN Transport Sales Lentz De Verband Eurogaume | Arthur Welter CFL Multimodal Offergeld Logistik Post Luxembourg Luxport Group Transalliance | |
| Handling Agents | | | LuxairCARGO |
| Retailer & Distribution | | | Biogros Sàrl |
| Infrastructures | | luxAirport | |
| Industry Shippers | Kronospan | | |
| Construction | Karp-Kneip | | |

100% Collaboration
0% Emission



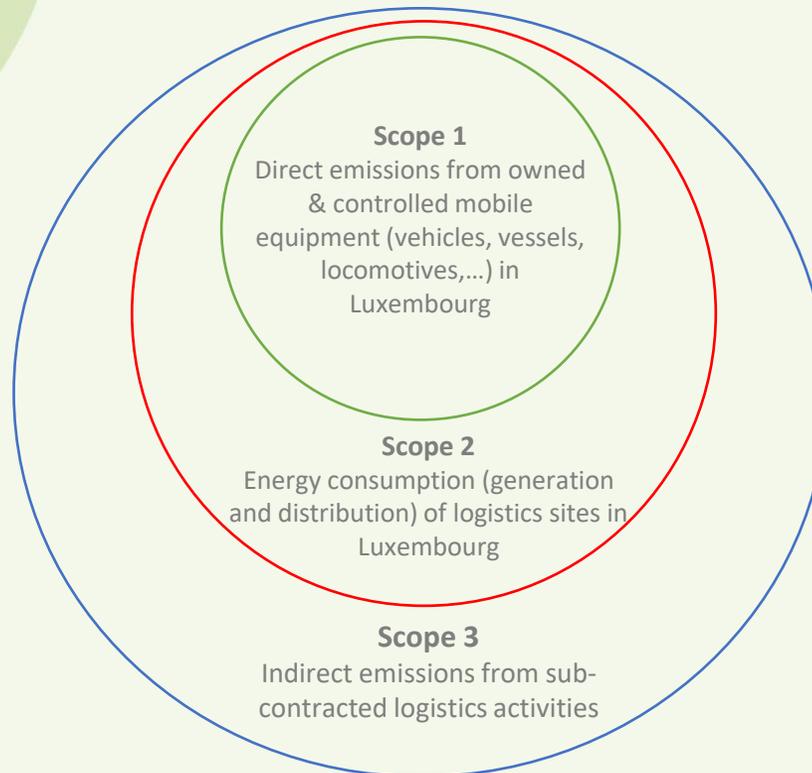
Lean & Green National Hosts

- International level: Lean & Green initiative is active in **16 countries**



Scope of GHG in Lean & Green

- International level: Lean & Green initiative is active in 16 countries



➔ 1st L&G STAR: 50% of these emissions need to be included in the L&G scope



Emission data to be reported

- Carbon footprint is expressed as
- Absolute emissions in t
 - Relative emissions gCO₂e/t-km



Fuel Emission Factors

Well-to-Wheel (WTW)

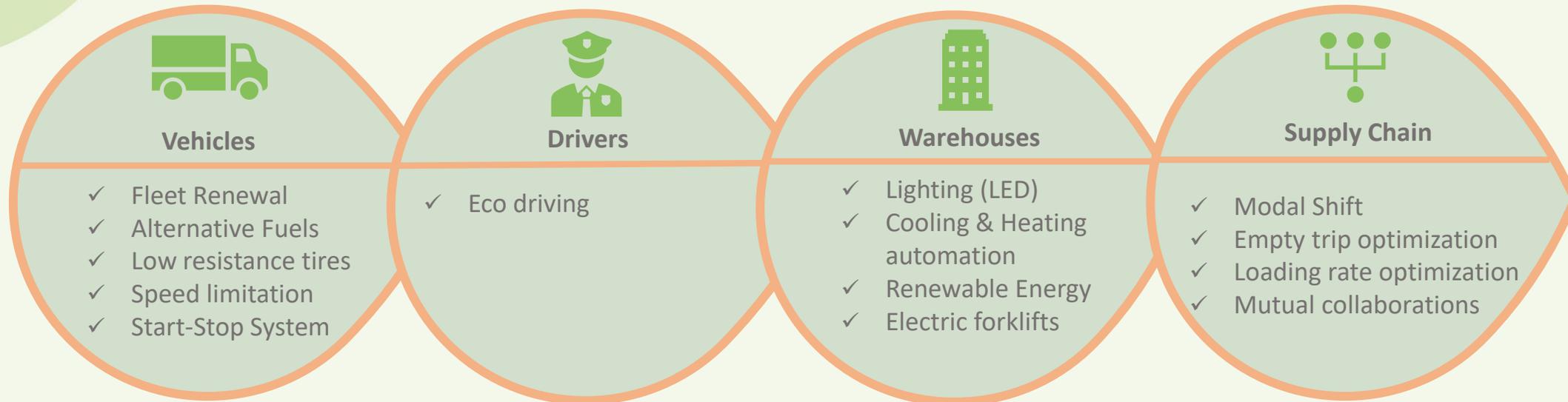
These are emissions from the full fuel lifecycle.
CO₂e (Diesel: 3,24kgCO₂e/l)

Lean & Green Added Value



Lean & Green Best Practices

- Starting from Carbon Footprint (e.g. kgCO₂/TKM; kgCO₂/palette) – Measures which have proven suitable by Lean & Green participants to reduce CO₂ emissions differ by area of occurrence



Lean & Green Entry Modes

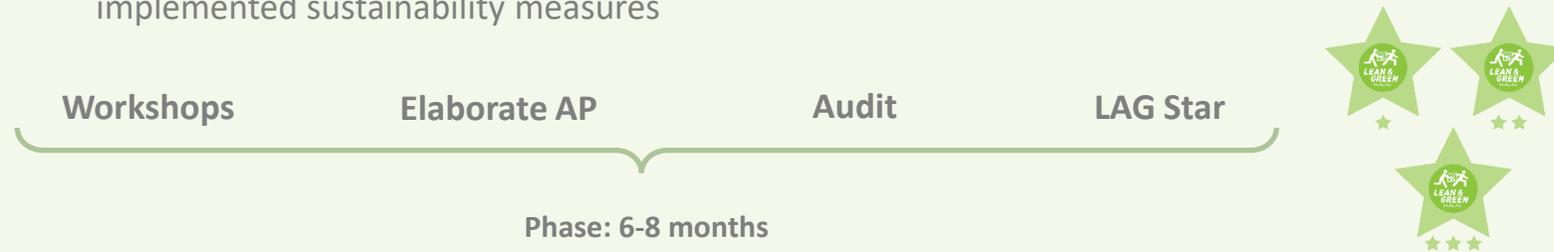
Classic Entry Mode

- Classic roadmap to the 1st Lean & Green Star (20% emission reduction in max. 5 years)



Lateral Entry Mode

- Accelerated entry mode to higher Lean & Green Star levels due to high sustainability standards through self-implemented sustainability measures



Lean & Green Pricing

- Participation fee per Lean & Green level to cover the costs related to the program

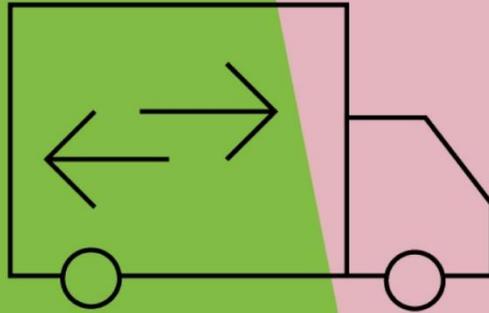


Q&A

**Thank you for your attention.
Feel free to ask your questions.**

Conférence

10 juillet 2023



Les défis du secteur de la Logistique au Luxembourg

Quelles solutions pour anticiper les enjeux de demain ?

Les défis du secteur de la Logistique au Luxembourg

Quelles solutions pour anticiper les enjeux de demain ?

La House of Training, son partenaire académique ISTEI (Institut Supérieur du Transport et de la Logistique Internationale) ainsi que le Cluster for Logistics Luxembourg ont le plaisir de vous convier à la conférence « Les défis du secteur de la Logistique au Luxembourg : quelles solutions pour anticiper les enjeux de demain ? »

**10 juillet 2023
à partir de 17h00**

Centre de Formation
Chambre de Commerce
7 rue Alcide de Gasperi,
Luxembourg-Kirchberg

Programme et inscription :

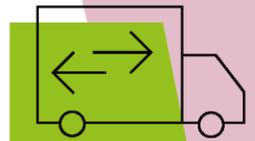


houseoftraining.lu

SIGN UP TODAY

View the program description here:

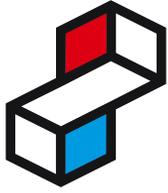
Formation
Certifiante



**Responsible
en Logistique**

Promotion 2023-2025

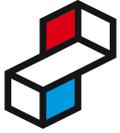




C4L Calendar

Upcoming Events

| Month | Event |
|--------------------|--|
| July | Lean & Green Kick Off |
| September/ October | Webinar Series |
| September | Board Meeting |
| October | BVL Logistik Congress Supply Chain Conference Berlin |
| November | Lean & Green Awards 2022 |
| November | Luxembourg Logistics Autumn Conference |
| December | DT Logistics Awards |
| December | Young Logistics Professional Networking Series |
| December/ January | Lean & Green Awards 2023 |



Contact C4L Team



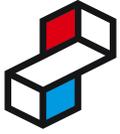
Malik Zeniti
Director
malik.zeniti@c4l.lu
+352 42 39 39 849



Jil Brimaire
Logistics Development Advisor
jil.brimaire@c4l.lu
+352 42 39 39 838



Ronny Wolff
Communications Assistant
ronny.wolff@c4l.lu
+352 42 39 39 848



Premium Members & Partners

Effective members & > 100 members



CLUSTER FOR LOGISTICS

Thank you for coming!

