



# Sustainability and carbon reporting at De Rijke Group



A warm welcome!

Short introduction

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Group Project & Sustainability  
Manager



# Facts & Figures



Family Owned



Since 1945



800 employees  
EU



1.200 employees  
outside EU



205 M.  
turnover



Located in  
7 countries

## OUR FACTS

- Logistic Services Provider (LSP)
- Established in 1945
- Independent, family owned company
- Locations in 7 countries in EU
- Strong presence in Middle-East

## OUR FIGURES

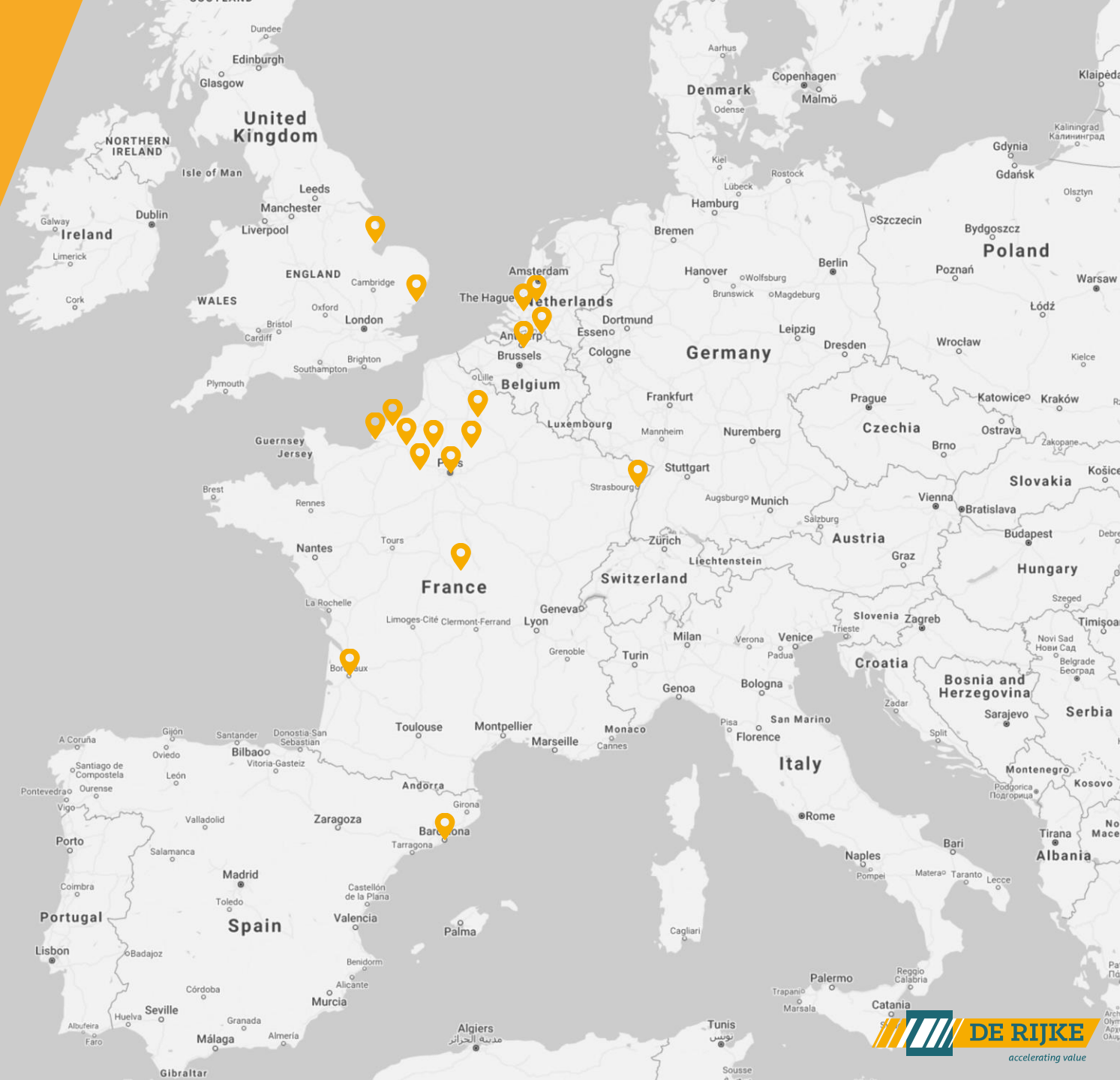
- 2022 turnover : 205 M€
- Solid financial basis
- 800 employees (EU)
- 1.200 employees (outside EU)

## OUR MEANS

- +/- 600 own trucks and > 1.000 trailers
- 435 000 m<sup>2</sup> own (covered) storage area
- 25 locations/sites in Europe
- 15 packaging lines (liquids & solids)
- Tailored ICT solutions

## European locations

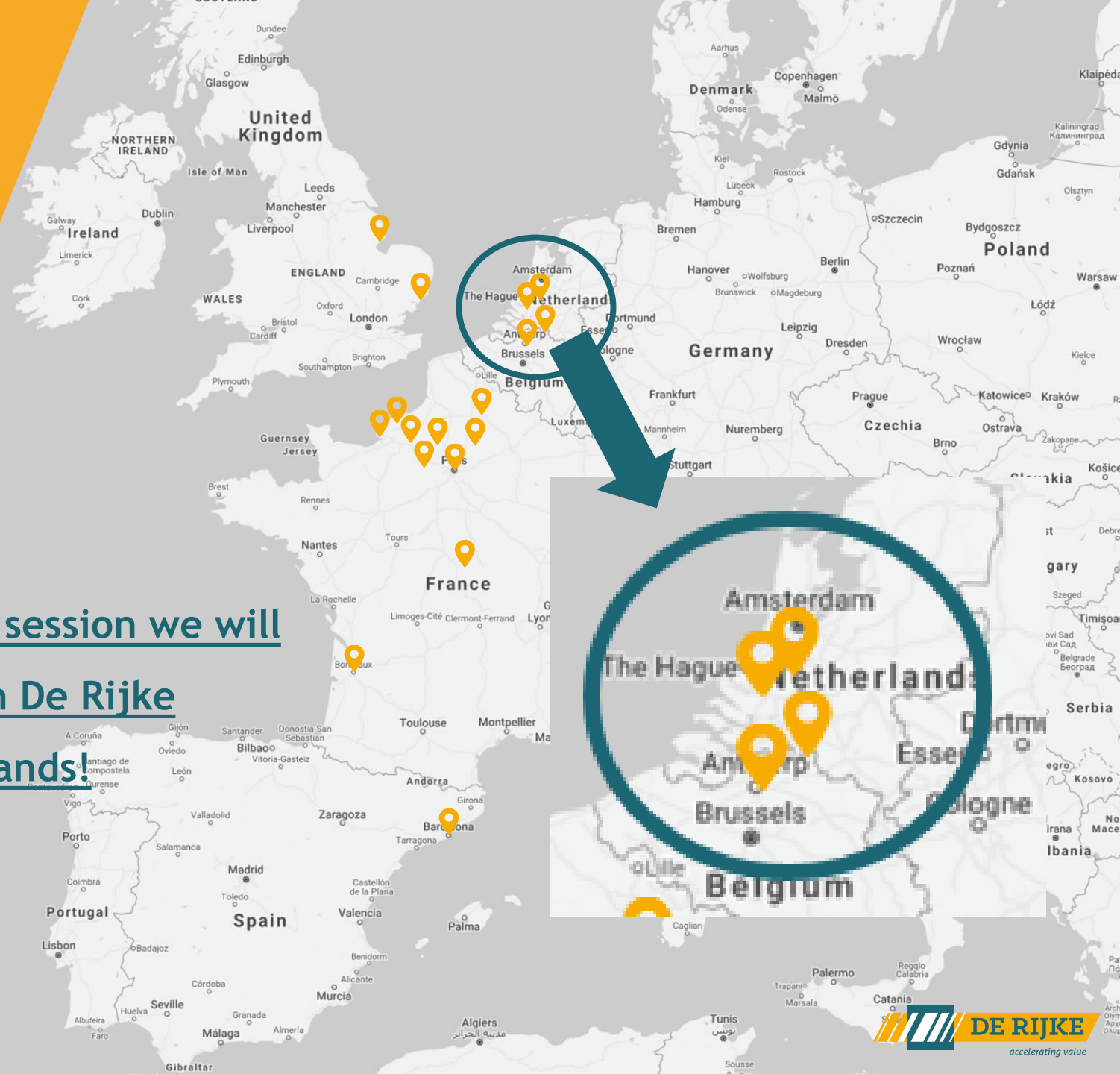
- NL**
  - Spijkenisse
  - Rotterdam - Botlek
  - Terneuzen
- BE**
  - Antwerp
- UK**
  - Hull
  - Felixstowe
- FR**
  - Rouen (Dieppedalle)
  - Lillebonne
  - Le Havre (Oudalle)
  - Strasbourg
  - Bordeaux
  - Péronne
  - Vironvay
  - St. Aubin sur Gaillon
  - Ablaincourt
- ES**
  - Barcelona



## European locations

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For this session we will  
focus on De Rijke  
Netherlands



# CSRD & Certifications

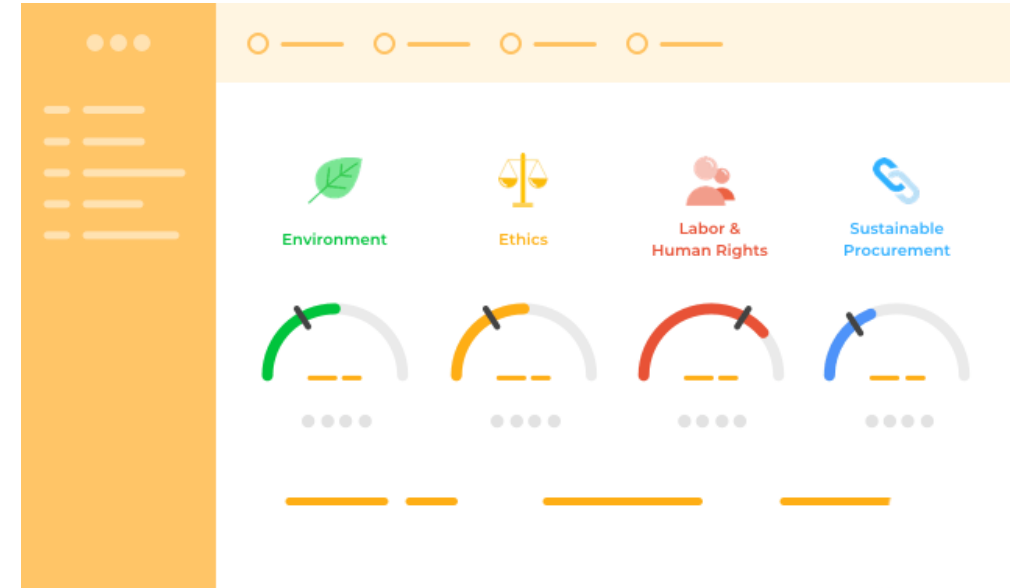
## More requirements with focus on Environment

Corporate Sustainability Reporting Directive



## Legislation

## Customer requirements - Certifications



ecovadis

### SQAS 2022 Transport Service – Questionnaire

- 6. Management of Subcontractors**
  - 6.1. [Subcontracting services](#)
  - 6.2. [Performance monitoring of subcontractors](#)
- 7. Equipment: Specification, Inspection, Maintenance and Calibration**
  - 7.1. [Equipment specification](#)
  - 7.2. [Equipment Inspection, Maintenance and Calibration](#)
- 8. Behaviour Based Safety (BBS or equivalent programme)**
  - 8.1. [Behaviour based safety for safe driving](#)
  - 8.2. [Best Practice Guidelines for Safe \(Un\)Loading of Road Freight Vehicles](#)
  - 8.3. [Awareness of all service partners](#)
- 9. Measurement and Management of transport greenhouse gas (GHG) emissions**
  - 9.1. [Scope 1: Emission measurement of vehicles that are owned or controlled by the company](#)
  - 9.2. [Scope 2: Emissions from electricity](#)
  - 9.3. [Scope 3](#)
  - 9.4. [Calculation of Total emissions \(Scope 1, 2 and 3\)](#)
  - 9.5. [Calculation of Tons-km](#)
  - 9.6. [Calculation of emission intensity](#)
  - 9.7. [Consolidating and reporting emissions](#)
  - 9.8. [Training](#)
  - 9.9. [Reducing emissions](#)



How to deal with these  
challenges?



# CSRD

## Our approach

- ❑ Materiality assessment
- ❑ Business model and strategy
- ❑ Safeguard ESG in organization - governance
- ❑ Implementation
- ❑ Performance measurement - KPI / Goals



Internal documentation

SDGs

Standards

Peers

Sector trends

Media / 360 watch

Customers

Consolidation of long-list

Definitions

Categories

Priorities

Impact on De Rijke

Customer interviews

Stakeholders

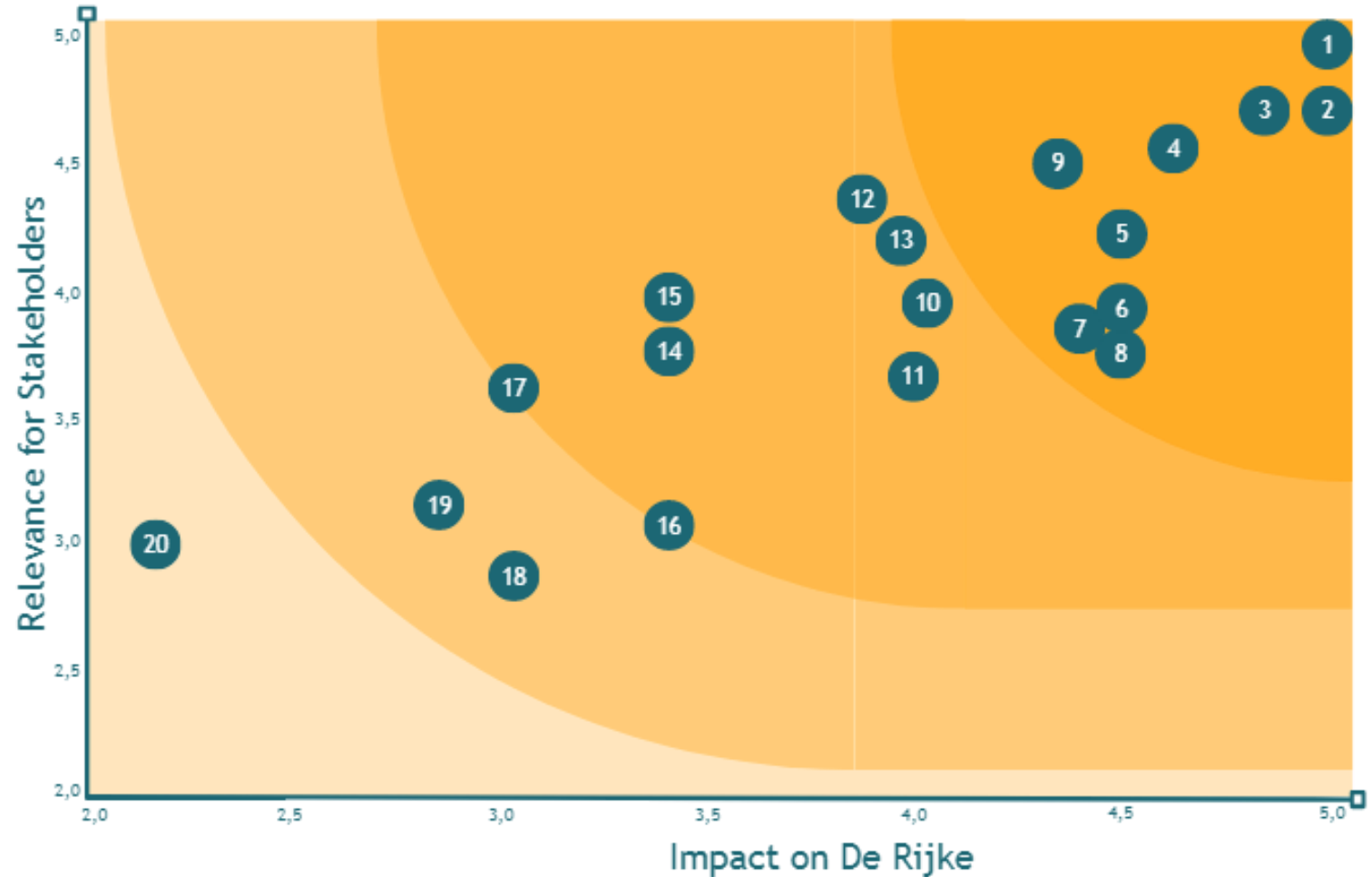
Short- list

Materiality Matrix

**Who has done a  
materiality analysis yet?**

# Materiality Matrix De Rijke Group

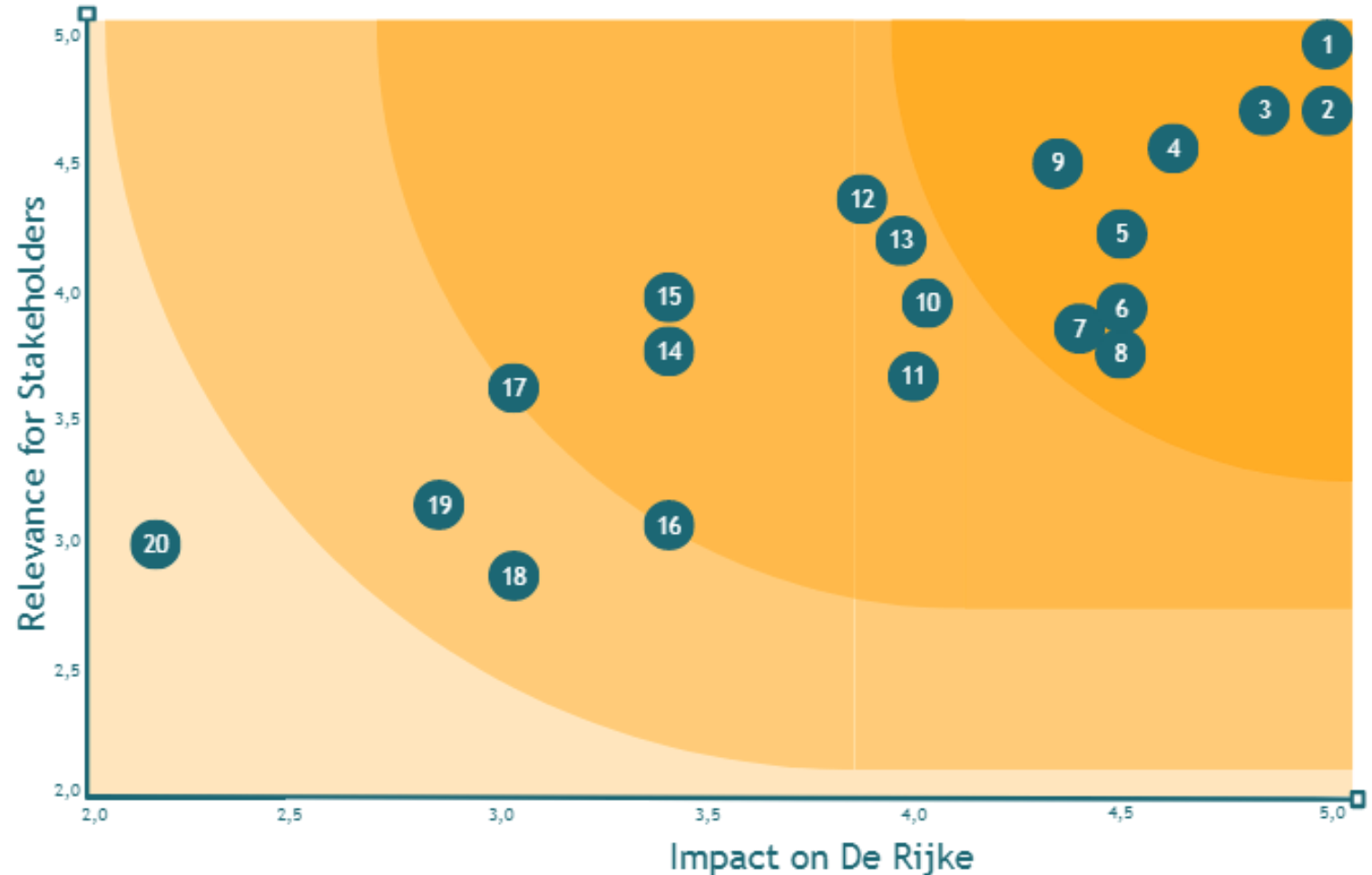
1. Occupational Health & Safety
2. High Quality Services
3. Compliance with (International) Laws & Regulations
4. (Data) Security
5. GHG Emissions
6. Sustainable Procurement
7. Ethics & Integrity
8. Human Rights
9. Road Safety
10. Supply Chain Management & Engagement
11. Transparency
12. Employee Training & Development
13. Labor Conditions & Living Wage
14. Air, Soil & Water Quality
15. Accelerating Sustainable Value
16. Community Engagement
17. Employee Attraction & Engagement
18. Clean & Efficient Energy Consumption
19. Human Trafficking
20. Materials & Waste Management



# Materiality Matrix De Rijke Group

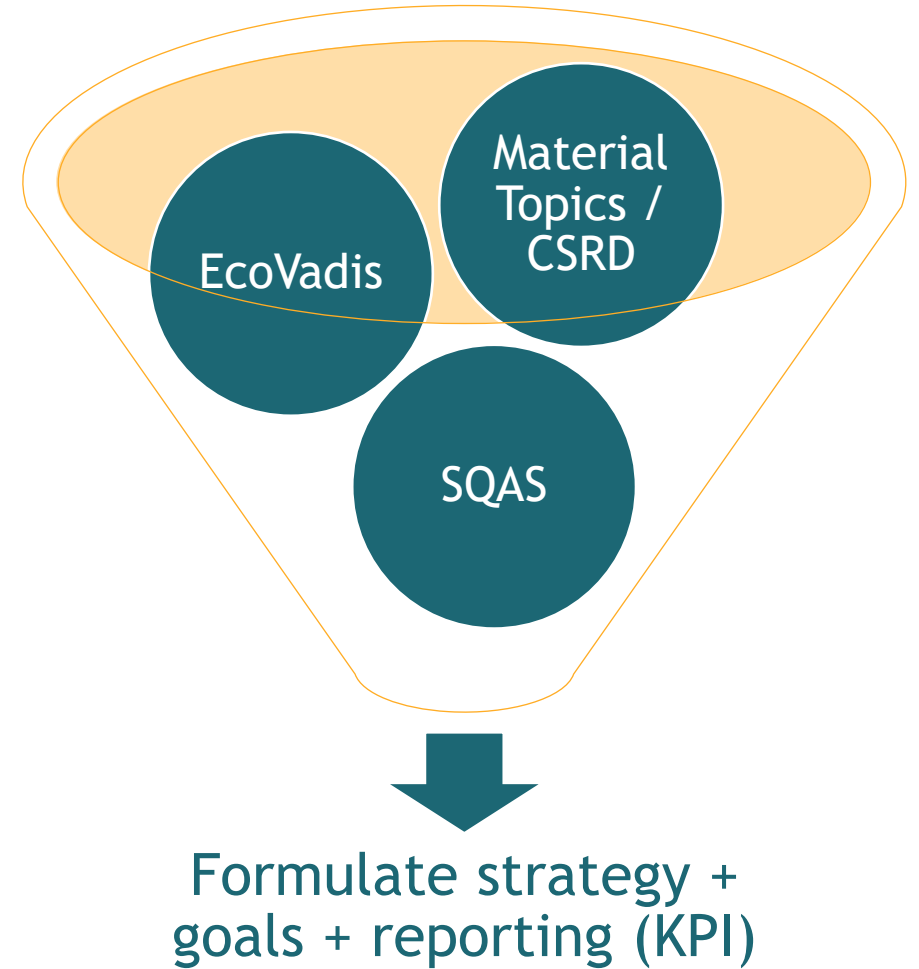
Many topics regarding  
Environment

1. Occupational Health & Safety
2. High Quality Services
3. Compliance with (International) Laws & Regulations
4. (Data) Security
5. GHG Emissions
6. Sustainable Procurement
7. Ethics & Integrity
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## Environment

- What data to collect
- How to process data
- Advise customers on reduction potential



Conclusion: if we prepare for our CSRD requirements, we will be ready for our certification demands!

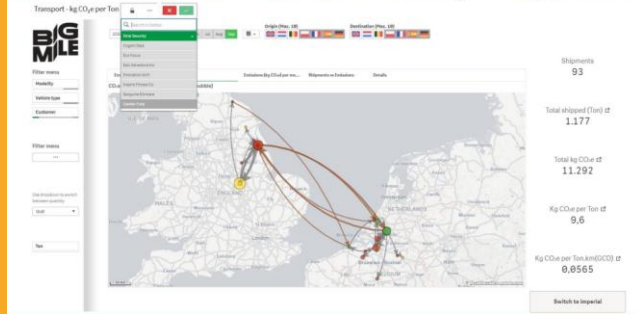
# BigMile CO2 measuring

De Rijke currently implementing and enrolling BigMile software as CO2 measuring tool

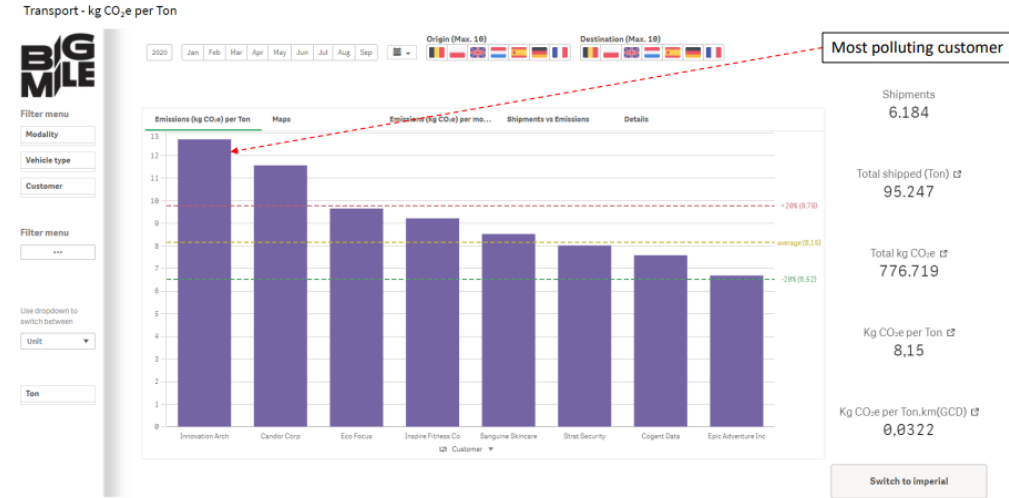
BigMile makes it easy to get started on improving your own carbon footprint as well as advise customers. It provides accurate insight into your CO2 emissions so that this can also be a factor when choosing transport, in addition to cost and delivery time.

You can identify the areas that are highly polluting and use this information to make improvements.

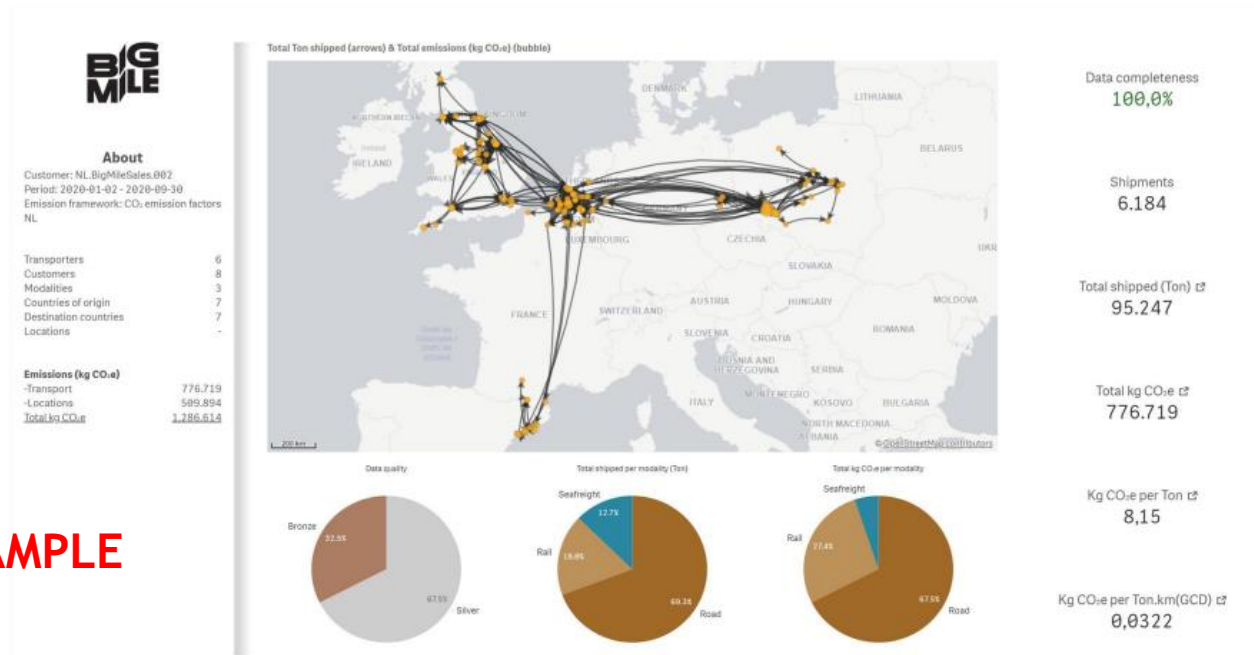
## Most polluting routes for Strat Security in September



# CO2 per Ton per month



# Management Overview



**RANDOM EXAMPLE**

# Activities per Business Unit



Business Unit	Activity	Collection	Framework	Owner
De Rijke Transport	Own trucks	Fuel + Route information	GLEC Framework	IT Department + Workgroup + Driver
De Rijke Continental	Tautliners + Reefers with charter	Routing (KM) + Charter information	GLEC Framework	Operations Manager + IT
De Rijke Logistics	3PL/4PL activities	Routing data + Subcontractors	GLEC Framework	Operations Manager
De Rijke Warehousing	Warehousing + VAL (e.g. Filling)	Energy Usage + Tons Inbound/Outbound	GLEC Framework	HSE Manager



# Improvement plan for data quality

**DE RIJKE**  
accelerating value

**De Rijke Group - Fuel Data Subcontractors**

Please note that \* indicates that these questions are mandatory.

**General Information**

Company Name\* \_\_\_\_\_

Contact Person's Full Name\* \_\_\_\_\_

Email\* \_\_\_\_\_

Phone Number\* \_\_\_\_\_

**Data request**

Have you started CO2 calculations for your shipments? \* YES / NO

De Rijke Group uses BigMile as the CO2 calculation tool. Are you using this tool too? YES / NO  
If not, what tool are you using?\*

\_\_\_\_\_

Please provide your fuel data for 2022, select what you can deliver\*:

- Real CO2 per shipment
- Emission CPI: General / De Rijke shipments : \_\_\_\_\_ kg CO2 per ton/km
- Data sharing via BigMile
- Other:

What type of sustainability certificates did you achieve or have you planned to achieve? \*

\_\_\_\_\_

Are you able to provide services with alternative fuels or zero-emission services to De Rijke?

\_\_\_\_\_

Do you have any investments planned in zero-emission trucks? Can you elaborate on your strategy?




\_\_\_\_\_

derijke.com

Business Unit	Desired data	Actions
De Rijke Transport	Fuel per month	Data integration via TMS / Boardcomputer
De Rijke Continental	Carrier (KM/L), Ferry data or real CO2 per leg	Letter to carriers, information gathering ferry
De Rijke Logistics	CPI / Real CO2 shipment	Supplier letter
De Rijke Warehousing	KwH, Gas, Outbound per customer / monthly basis	Install more electricity meters, Split VAL activities

# First results

Business Unit	2021-2022	2023
De Rijke Transport	Bronze	100% Gold (Q1 2024)
De Rijke Continental	Bronze	62% Silver
De Rijke Logistics	Bronze	8% Silver
De Rijke Warehousing	Silver	Silver

Scope	2021 De Rijke emission	2030 De Rijke reduction target
Scope 1  Emissions from owned sources	13%	-30%
Scope 2  Indirect emissions associated with power generation	3%	
Scope 3  Indirect emissions from De Rijke value chain	84%	

Find gaps in Emissions

What you can measure, will get attention!



# Our shared route to sustainable logistics

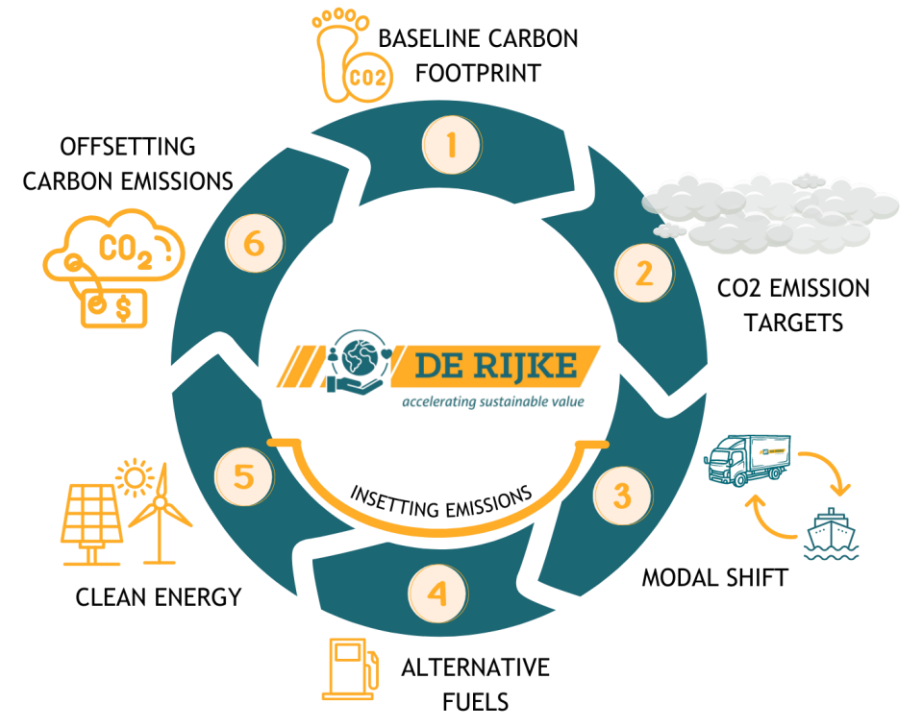
As Control Tower we want to contribute and actively support the route in CO2 reduction.

We can offer?

- Start measuring CO2 footprint of your logistic activities (Scope 3 emissions)
- Support procurement in setting clear and uniform standards for carriers
- Help identify areas for improvement to achieve company targets
- Continuously monitor for CO2 reduction targets (customized KPI)

Together we can make a difference!

## HOW TO REDUCE YOUR CARBON FOOTPRINT?

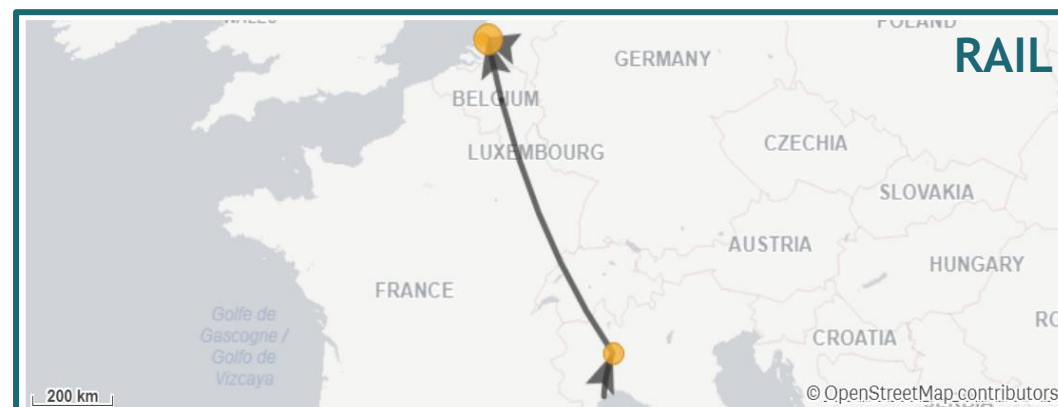
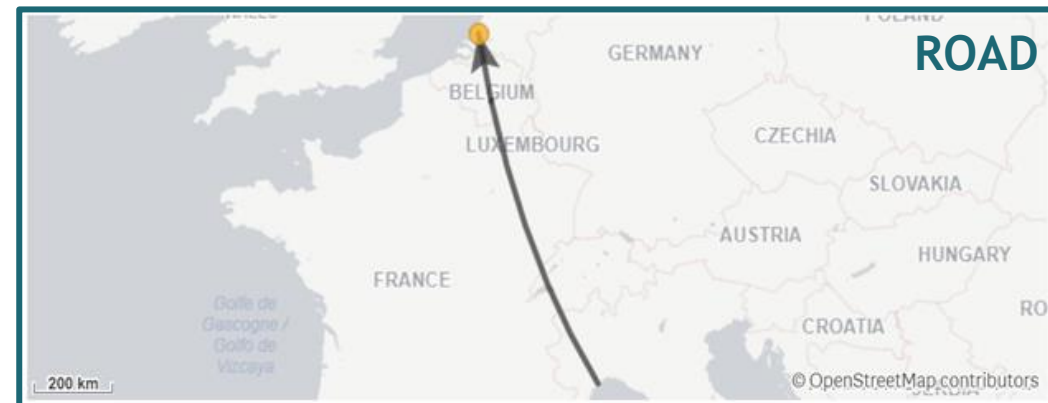


# Modal Shift - Example Italy

Northern Italy -> Rotterdam area

1 Shipment of 23.000 KG

- Potential CO2e reduction: - 60%
- Difference in Leadtime: A-C to A-D



Baseline – Road Transport		Alternative – Rail Transport	
Quantity (MT)	Total KG CO2e	Quantity (MT)	Total KG CO2e
23	2.320	23	936
<b>BASELINE</b>		<b>POTENTIAL EMISSIONS SAVINGS</b>	<b>59,66%</b>

# Alternative Fuels - Example

## Liquefied Natural Gas (KG) Scenario:

NL - FR

Savings kg CO<sub>2</sub>e: 13,6k

Emissions savings: 32,8%

**Fuel shift**

Calculate the emissions if the current fuel type is replaced by an alternative fuel type.

Current vehicle type:

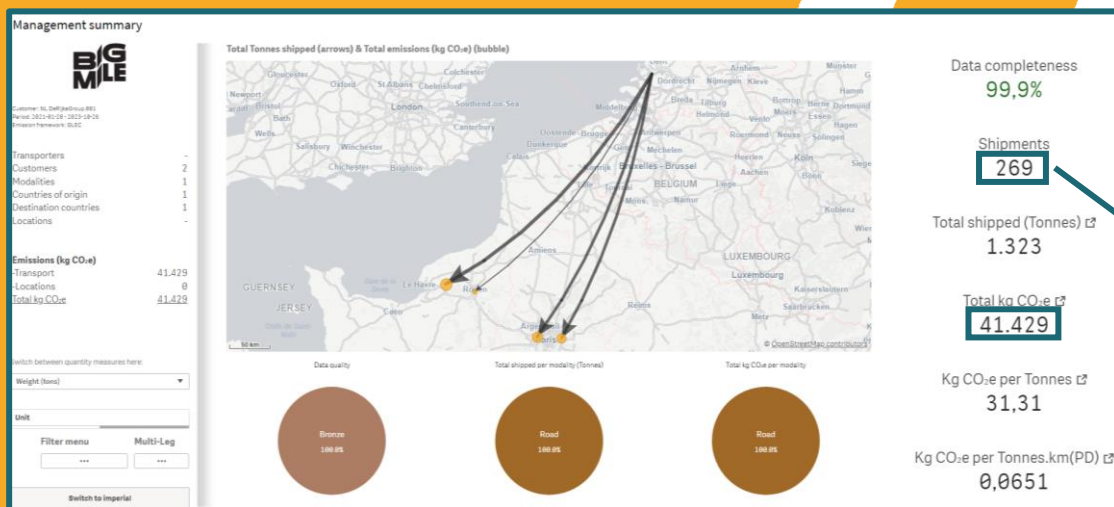
Current fuel:  0%  100% Desirable fuel:

**Define fuel usage**

Average fuel usage will be used, unless own input is given

average usage: 0,00 km per Diesel 5% Biodiesel Blend (B5) (Liter)      average usage: 5,10 km per Liquefied Natural Gas (Kg)

input company: 3 km per Diesel 5% Biodiesel Blend (B5) (Liter)      input company:  km per Liquefied Natural Gas (Kg)



Current Situation 2022		Alternative – Liquefied Natural Gas	
Shipments	Total KG CO <sub>2</sub> e	Shipments	Total KG CO <sub>2</sub> e
269	41.429	269	27.829
<b>BASELINE</b>		<b>POTENTIAL EMISSIONS SAVINGS</b>	<b>32,83%</b>

## Lesson learned / take-aways

- ❑ START!
- ❑ It will get easier once you have started
- ❑ Engage your colleagues, you cannot do this alone!
- ❑ Find good partnerships
- ❑ Don't be afraid to start the topic, we are all struggling at one point.

# Question & Answers



## HOW TO REDUCE YOUR CARBON FOOTPRINT?

