



White paper - Reading time: 6 minutes

Decarbonised Solutions

Together, we move closer to net-zero

How to reduce your Scope 3 emissions

Decarbonising the shipping and logistics sector presents significant challenges. It is, however, a necessary transition; with clear opportunities for real change.

That's why we created Decarbonised Solutions.

Decarbonised Solutions helps you achieve CO₂e emissions reductions through certified insetting in our transport network. It allows you to follow your Scope 3 emissions reductions real-time, and you receive an annual unique CO₂e Reduction Certificate for easy & credible reporting.

To get started we support you on considerations such as:

- **Do you know what your Scope 3 emissions are, and which categories are the largest contributors?**
- **Do you have a clear target and path to reduce your Scope 3 emissions?**
- **Do you have a strategy for how to communicate your progress or a reporting standard with proof of reductions?**

Download the full document to learn how we helped OneMed reduce their CO₂e impact, and how we can help you reduce yours as well.



Looking for trustworthy climate reductions?

Using biofuels and electrification, we generate emissions reductions in our own transportation network, so you can reduce your Scope 3 CO₂e and receive a unique CO₂e Reduction Certificate for your climate action reporting.



About DFDS

Since 1866, we've kept Europe moving, making life easier for businesses like yours. From sea, road, and rail transportation to tailored supply chain we handle it all, connecting +20 countries across Europe, Türkiye, and Morocco. Our captains, truck drivers, supply chain specialists, we're all working to turn your challenges into opportunities & complexity into clarity.

We always find a way.

Onwards.



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1. Introduction

Decarbonising essential sectors such as the shipping and logistics sector is a complex task.

However, as governments implement stringent regulations to reduce GHG emissions (such as ETS¹, FuelEU Maritime regulations, local taxation schemes), companies are seeing opportunities to be decarbonisation first movers; setting new industry standards and making a real difference for our planet.

At DFDS, we engage with authorities, universities, suppliers, competitors, and customers to drive political and practical change as we are committed to supporting the transition to a net-zero logistics industry, and enabling customers so we can achieve our climate goals together.

Challenges when transitioning to low and zero GHG² fuels include:

New **technology & operating models** are required

Necessary **substantial investments** pose short-term barriers for suppliers and customers

It's **complex to monitor & manage Scope 3 emissions** throughout the customers' entire supply chain

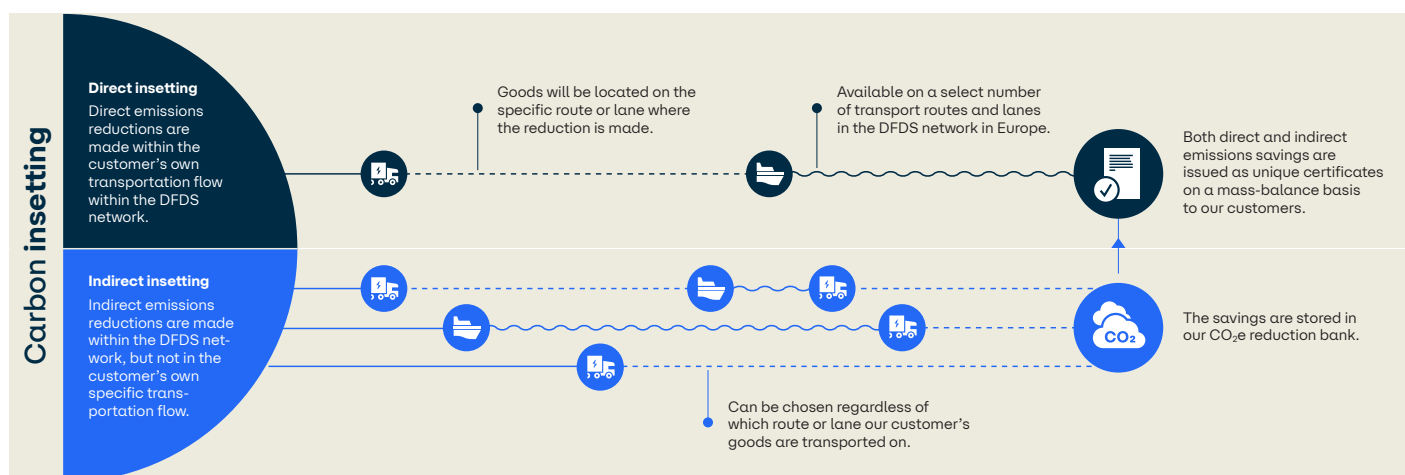
Clear **industry-wide standards & demands** are lacking

¹ European Union's Emissions Trading System (ETS) ² Greenhouse gas

2. Reduce with Decarbonised Solutions

2.1 Direct and indirect insetting

Decarbonised Solutions works through insetting. Decarbonisation projects are funded within the sector where the emissions originate, creating measurable reductions. There are two insetting methods:



2.2 Decarbonised Solutions: techniques

Biofuel for vessels

- FAME³ and other biomass derived fuels.
- 3rd party certified biofuel⁴ and we have proof of sustainability under the ISCC⁵ or equivalent mass balance system to support any emissions-savings claims.
- Only biofuels with wastes, residues and by-products as feed-stock are accepted, with preference for advanced biofuels⁶.



Electricity for trucks

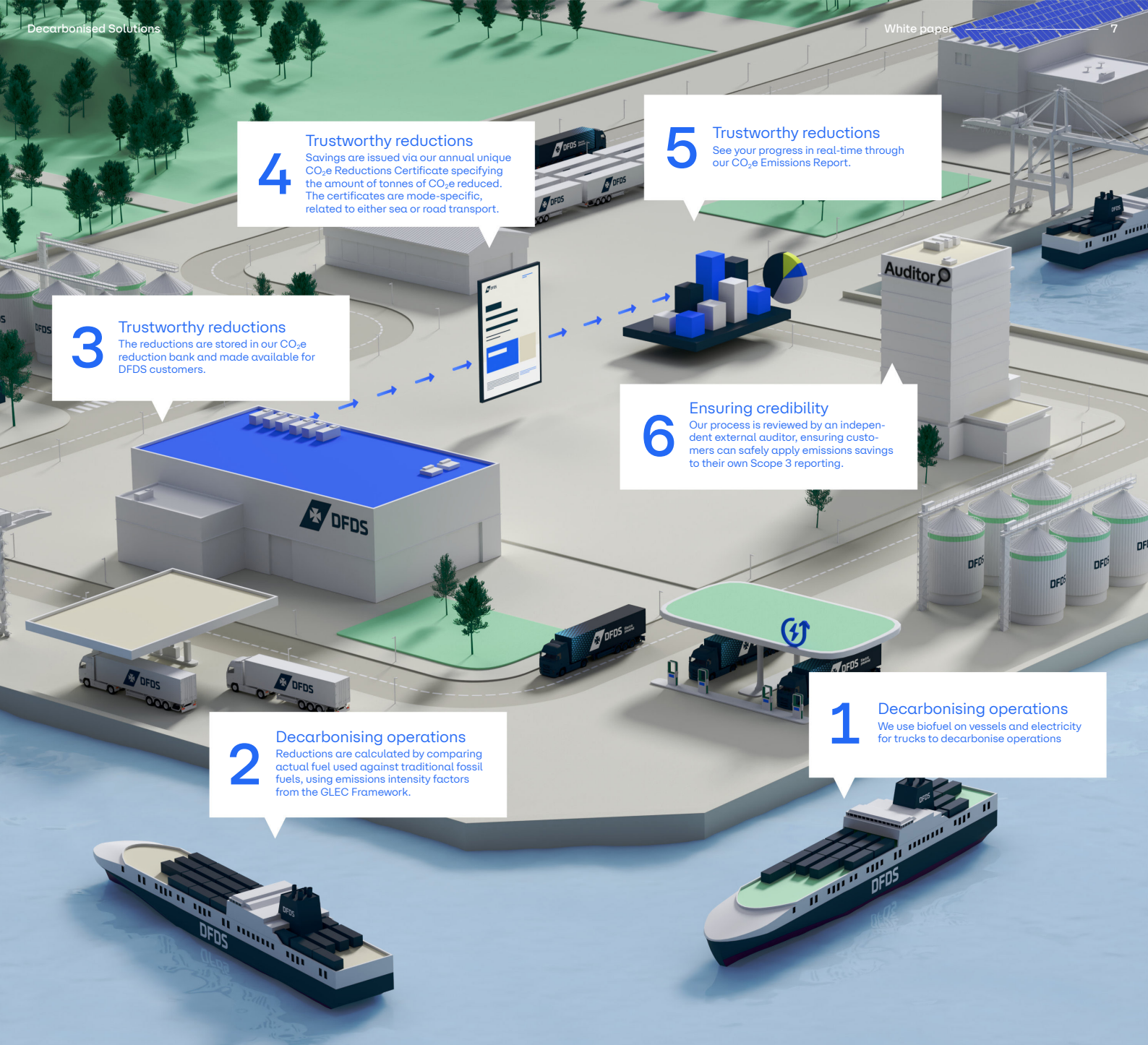
- We currently have 138 electric trucks active in our network
- We strive to use exclusively green electricity for our eTrucks and purchase Guarantees of Origin to back our claim⁷.



³Fatty Acid Methyl Ester ⁴That fulfils EU's sustainability criteria: at least 65% Well-to-Wake GHG savings ⁵International Sustainability and Carbon Certification

⁶As per the Annex IX of the EU Renewable Energy Directive II (2018/2001) – i.e. Forestry waste and residues must originate from FSC certified forest or equivalent

⁷Or we partner with public charging providers who follow the same approach



2.3 Climate reporting made simple and credible

With Decarbonised Solutions you receive a CO₂e Reductions Certificate, making your commitment tangible, and you can credibly & simply report your reductions.

2.4 Track your progress, whenever, wherever

Transparency and data-sharing are the cornerstones of decarbonisation. Throughout the process you have access to our CO₂e Emissions Report, making your decarbonisation progress visible and sharable in real-time. This allows you to make proactive & data-driven decisions.

3. Case: Reducing with OneMed

“At OneMed, we prioritise sustainable, emission-free solutions throughout our value chain, which is why we’re delighted to have partnered with DFDS.”

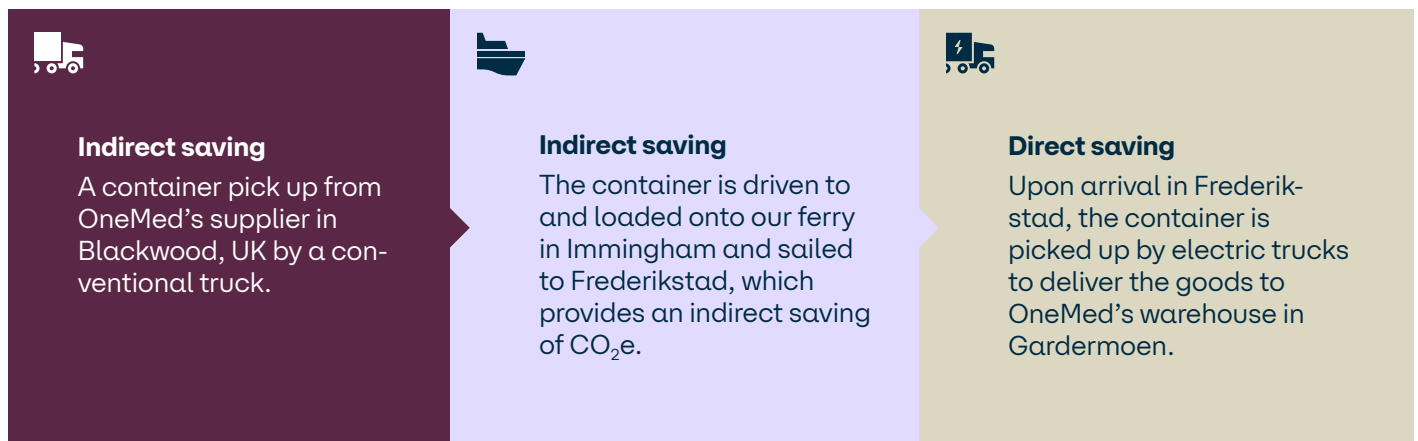
Børge Iversen, Supply Chain Director, OneMed AS

3.1 Challenge: Container load emissions

Wanting to reduce its impact on the environment, OneMed was seeking a transport supplier that could offer CO₂e-reduced transportation.

3.2 Solution: Decarbonised transport – by sea and road

With Decarbonised Solutions we met OneMed’s demand for reduced CO₂e impact on route:



3.3 Results: Reduced emissions with Decarbonised Solutions

75% anticipated absolute emissions TTW reduction from both indirect CO₂e savings by sea and direct by road using eTrucks upon arrival in Norway.

Unique CO₂e Reduction Certificate received to be used to report Scope 3 emissions.

4. Future solutions

Decarbonisation is a journey; constantly evolving, with no time to waste. The more we learn, the better we can develop solutions specifically for our customers' needs so they can lead the transition to net zero in their industries.

That's why we are proactive and curious in our approach to research and innovation, and agile in response to new revelations.

For sea transport we are currently investigating the possibilities of electric vessels and alternative fuels of non-biological origin. By road, we are looking into battery electric vehicles, fuel cell electric vehicles, and hydrogen used in vehicles with internal combustion engines.



5. How to get started

If you are in the initial phases of evaluating how to reduce your CO₂e, the questions below will serve as a good starting point:



Your Scope 3 emissions are our Scope 1 emissions; making us uniquely positioned to collaborate with you in reducing your CO₂e emissions.

Contact us for a customised proposal on how we can best help you achieve your reduction ambitions.

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