

Carbon Emissions Report 2022



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Introduction

tic elkas A/S have started the journey to map the carbon emission of the company and the Carbon Emissions Report that covers the fiscal year 2022 is ready. The report include preliminary identified areas where the company can initiate concrete actions to reduce the carbon emissions and thereby fulfill the target of becoming CO₂ neutral for Scope 1 & 2 by 2028.

As for many other companies our Scope 3 emissions will by far be the largest part. Data needed for calculating the Scope 3 emissions are at the present time very difficult or impossible to get from suppliers, which causes a large uncertainty in the calculation. We will expect our Scope 3 emissions to change considerably as our suppliers will be able to provide more data.

Our carbon emission report is calculated according to the "Greenhouse Gas Protocol Initiative" (GHG-protocol), which is a global recognized standard. This protocol divides carbon emissions into Scope 1, 2 and 3. We have chosen to divide and report our carbon emissions in respectively Scope 1+2 and Scope 3.

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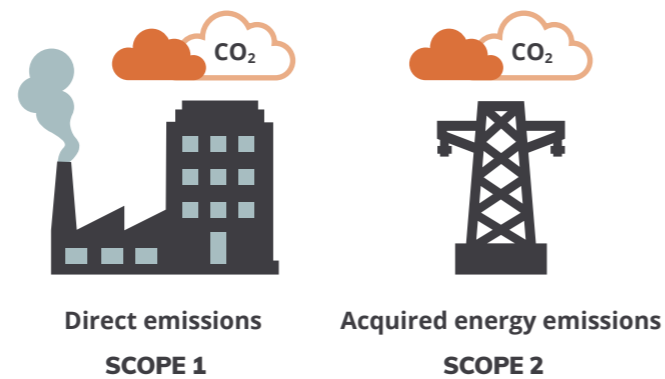
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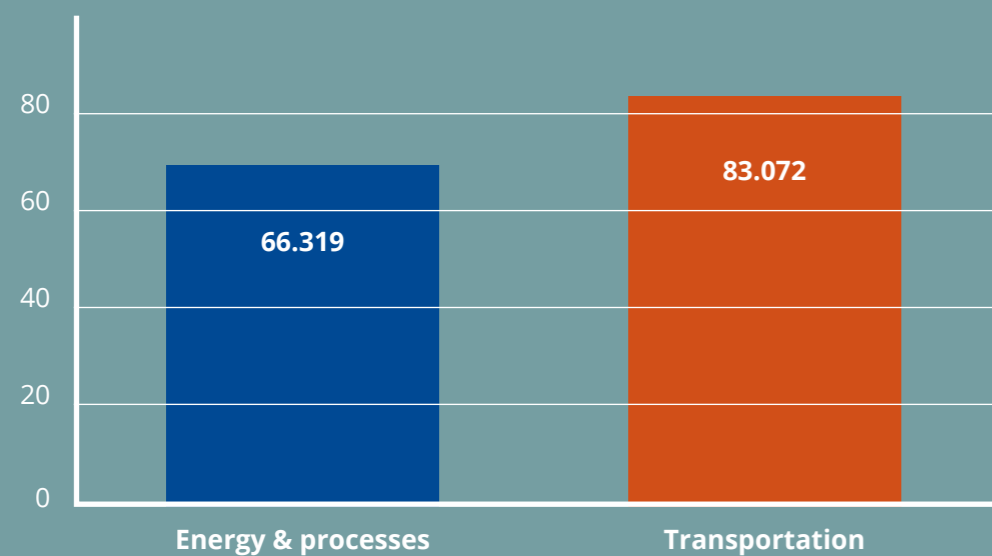
Scope 1 and 2 emissions

Based on current available data our total Scope 1 and 2 emissions for the fiscal year 2022 is 149,4 tons of CO₂, which represents around 4% of our total carbon emissions.

The work with making this first carbon emissions report has identified which data primarily consists of estimates and therefore also pinpointed the key points where we need to improve our data to reduce the use of estimates in the future.



→ CO₂e-emissions in tons divided into main categories



Key actions

→ Introduce procedures for collecting more precise data for the use of company cars

- Register actual driven distance
- Map fuel type for each car – petrol, diesel, electric, hydrogen

→ Establish concrete actions to reach the target of becoming CO₂ neutral for Scope 1 & 2 by 2028, for instance

- Contracts for supplying more “green” energy for all sites
- Convert company cars to either electric or hydrogen powered vehicles
- Use verified biofuel when travelling by airplane

Scope 3 emissions

The Scope 3 emissions have been calculated to 3.452 tons of CO₂, which represents around 96% of our total carbon emissions.

Our Scope 3 emissions are in this first report subject to great uncertainty. Most of the carbon emissions come from products we buy from suppliers and put into our finished solutions.

Due to the data quality supplied by our suppliers and the possibility of retrieving data from our systems this calculation only includes a very small part of our Scope 3 emissions and builds entirely on estimates.

We have a clear expectation that our Scope 3 emissions will increase in the coming years when more and more suppliers and products will be included.

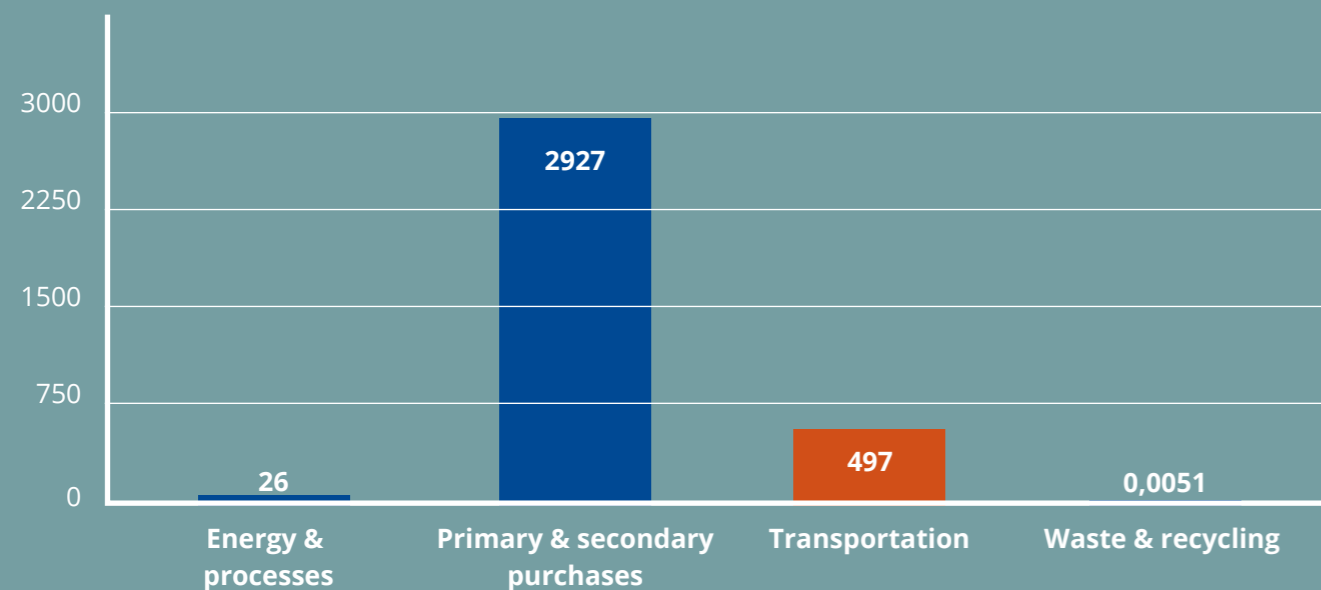


Key actions

→ Start dialogue with main suppliers about providing carbon emissions on product level and make access to these easier. This is crucial for calculating our Scope 3 emissions.

→ Prepare ERP-system to be able to handle carbon emissions data on product level and use these data actively to calculate carbon emissions on our solutions.

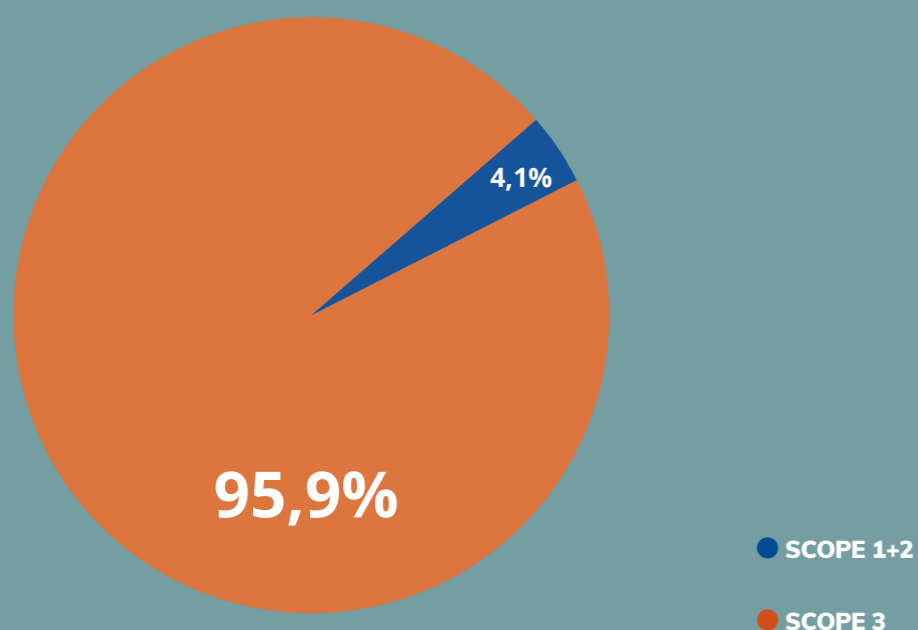
→ CO₂e-emissions in tons divided into main categories



Total carbon emissions

The complete carbon emissions for tic elkas A/S in the fiscal year 2022 have been calculated to **3601 tons of CO₂**. As mentioned earlier the Scope 3 calculation is subject to great uncertainty and therefore also focus area in the key actions.

→ Split of CO₂e emission for Scope 1+2 and Scope 3



Key indicators

Key indicators (Scope 1+2)	Ton CO ₂ e
CO ₂ e pr. Employee	0,75
CO ₂ e pr. million DKK revenue	0,57
CO ₂ e pr. m ²	0,02

Key indicators (Scope 3)	Ton CO ₂ e
CO ₂ e pr. Employee	17,26
CO ₂ e pr. million DKK revenue	13,08
CO ₂ e pr. m ²	0,40



Summary

The work making this first carbon emissions report has provided us with a lot of valuable information about our internal processes, quality of data and access to required information. This has resulted in some key actions with the target of decreasing the use of estimates and to give a better picture of our Scope 3 emissions.

Since we do not use much energy in our own activities most of the carbon emissions are in Scope 3. This is unfortunately also the most difficult and demanding area to collect valid information since we are very dependent on our suppliers.

Luckily, our main suppliers are all large international companies who all have very high focus on sustainability and mapping their own carbon

footprint in order to reduce their emissions. For this reason, we expect a fast development in the amount and quality of the data they will be able to provide.

Our expectations are that our Scope 3 emissions will increase over the coming years once more data will be available. For this reason, we have divided our reporting so we look at Scope 3 isolated and better can evaluate our own initiatives to reduce carbon emissions in Scope 1 and 2.

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