

## REBUILT – 3L Ludvigsen A/S

### RESULT 3 – A1 – TEMPLATE

<b>Company Name:</b>	3L Ludvigsen A/S
<b>Professional sector and company size:</b>	Paper industry: Office products (organizing and filing, lamination, and signage) + gaming products. 100+ employees
<b>Need/problem/challenge addressed:</b>	Customers have expressed an increasing demand for visibility in the industry in terms of use of plastic products, and 3L also needs to adhere to the upcoming requirement for ESG reporting.
<b>Short presentation of the company:</b>	<p>3L Ludvigsen A/S is a Danish company situated in Tommerup and was started 35 years ago by the Ludvigsen brothers in the kitchen of the family home. Today, the company is made up of four divisions, employing more than 100 designers, engineers, technicians and sales and support staff, and the products and services are sold in over 70 countries around the world. 3L Ludvigsen A/S consists of:</p> <p><b>3L Office Products A/S</b>  <b>3L Consumer Products A/S</b>  <b>3L PlentyPlay ApS</b>  <b>3L Teknik A/S</b>  <b>3L Innovation A/S</b></p> <p><a href="http://www.3l.dk/">http://www.3l.dk/</a></p>
<b>Initial Process and CO2 Emission Profile (tools, methodologies, theories, references):</b>	PVC in the products was replaced with other materials, even before it was forbidden, and the company is continuously striving to optimize its production methods with a focus on recycling. The products are recirculated as much as possible to decrease CO <sub>2</sub> emission.
<b>Strategic Decision of the company:</b>	<p>3L Ludvigsen A/S is working towards a green profile, both to meet the demands of the customers, but also internally in the company to reduce energy consumption as well as the impact on the environment. The company has introduced a new policy about online meetings to reduce travelling.</p> <p>Building on innovation, quality and sustainability, the goal with 3L Office is to be as green as possible.</p>
<b>Process reengineering on selected waste (resources, methodologies, tools):</b>	<p>3L Ludvigsen A/S designs and builds its own machines and being a 'one site' company - all key aspects of R&amp;D, manufacturing and production and sales and marketing are located in one place – the company is able to respond very rapidly and effectively to the demands of the markets they operate in, as well as explore and develop new concepts efficiently and quickly.</p> <p>The process of creating a green profile is further supported by some of the major suppliers, e.g. in paper production, as the suppliers must also adhere to the same standards and ESG reporting as 3L Ludvigsen A/S.</p>

<p><b>Re-engineering outcome and results.</b></p> <p><b>Emission profile improvement and other success evidence:</b></p>	<p>ISO certifications: 9001 &amp; 14001</p> <p>The company has managed to halve its travel activities, and it has launched a whole range of biodegradable products.</p> <p>95% of all 3L Office branded products are manufactured using environmentally responsible PP and PET. All adhesives are solvent free and pH neutral. FSC paper and recycled packaging material are used where possible, and all cardboard is recycled.</p> <p>All products are produced in compliance with REACH regulations and contain no components from the SCHC list.</p>
<p><b>Please identify the sustainability goals (SDGs) and the specific targets achieved in the described case:</b></p>	<p>At present (2023), the company is not addressing any specific SDGs, but it will be a focus from 2024 and onwards. By being FSC certified, 3L Ludvigsen A/S indirectly contributes to 14 out of 17 SDGs.</p>