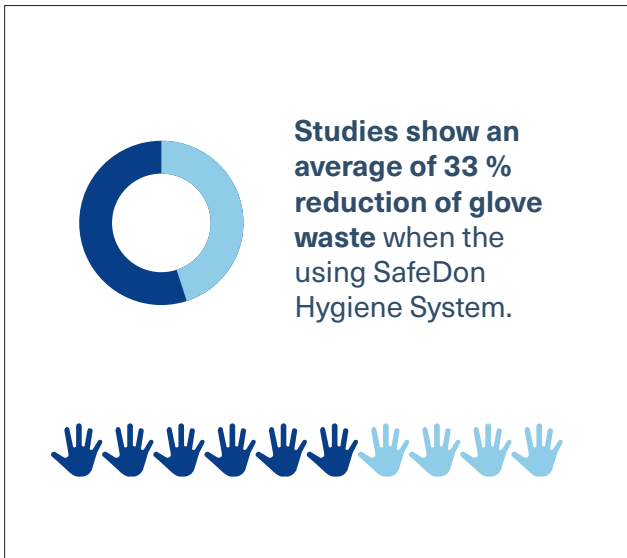


# Sustainable healthcare with SafeDon Hygiene System



# The SafeDon Hygiene System effectively reduces your glove consumption and waste

Unlike traditional glove boxes, our system offers remarkable improvements that have been proven in numerous studies over the years.



A recent 2024 Life Cycle Analysis (LCA) conducted by the Nordic Center for Sustainable Healthcare (NCSH) highlights the significant impact of the SafeDon Hygiene System in today's healthcare system compared to traditional glove boxes, showing it's effects on:

- Reduced glove **consumption**
- Reduced glove **waste**
- Reduced **materials, energy and transport**
- Reduced **CO<sub>2</sub> emissions**

Taking the numbers from the NCSH's analysis using open LCA as a basis, the studies gave remarkable results on reduced glove waste, hazardous waste, glove consumption and CO<sub>2</sub>.

## SafeDon Hygiene System is a unique dispensing system for gloves

Preventing users from touching the glove's most critical surfaces, the box, and the other gloves in the box by simply dispensing one glove at a time with the cuff first.

- Dispensing **one single** glove each time with the **cuff first**
- Prevents multiple users from **contaminating the box** and the other gloves inside the box
- Prevents gloves from falling out of the box, and **reducing unnecessary glove waste**
- Prevents users from touching the gloves most critical surfaces: **-thumb, fingers and palm**



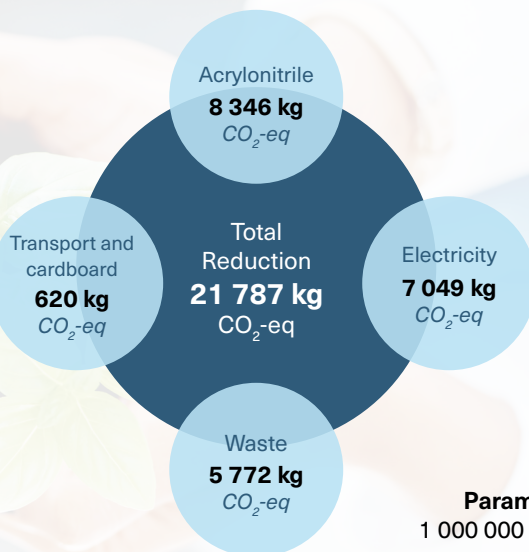


## CO<sub>2</sub> Saved

Experience a significant reduction in your carbon footprint by lowering glove consumption by an average of 33 %.

Not only does this reduce the amount of gloves you consume, it also improves your emissions across your entire supply chain, including raw materials, transportation, cardboard, electricity, and waste:

The figure shows how the elements of CO<sub>2</sub> emissions per million gloves is affected with a reduction of 33 %.



## Examples

Using the parameters given by the NCSH's Life Cycle Analysis, we are able to show different situations where the Safedon Hygiene System effectively aids hospitals and clinics of varying sizes in mitigating glove waste, hazardous waste, and CO<sub>2</sub> emissions. See the examples below:

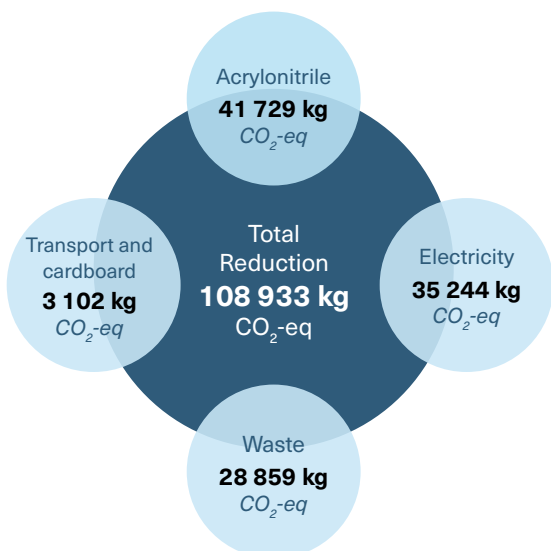
**Parameters:** 5 000.000 gloves from traditional boxes / year vs. 3 335 000 gloves from SafeDon Hygiene System / year. Estimated an average of 33 % reduced glove consumption by using the SafeDon Hygiene System.

### Example 1 CO<sub>2</sub> Reduction (kg)

Emissions estimated by reducing from 5 million to 3,3 million gloves used.

### Example 2 Reduced Waste (kg)

Waste estimated from reducing from 5 million to 3,3 million gloves used.



There is an impact on reduced **infectious waste**, as around 30 % of the disposed gloves can be considered within this category.



Overall, the SafeDon Hygiene System is a cost-effective way of lowering the CO<sub>2</sub> impact of single-use items in healthcare facilities.



*"An investment in the system will have no negative effects on patients' safety nor on the working environment in healthcare facilities. On the contrary, the investment will have immediate positive effects due to the reduced risk of contamination".*

*- NCSH (Nordic Center for Sustainable Healthcare)*



Reduced **Glove Consumption**



Reduced **Waste**



Reduced **CO<sub>2</sub> Emissions**



Source: LCA conducted by NCSH (Nordic Center for Sustainable Healthcare).