

A close-up photograph of a surgeon in a sterile operating room. The surgeon is wearing a blue surgical cap, clear protective goggles, and a blue surgical mask. Their hands are gloved in white. The background is slightly blurred, showing the blue drapes of the operating table. The overall lighting is cool and clinical.

# Drowning in Drapes

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# Drowning in Drapes

A close-up photograph of a surgeon wearing a blue surgical cap, clear protective goggles, and a blue surgical mask. The surgeon is looking down, and the background is a blurred operating room environment with blue drapes.

## Problem Statement

A typical single operation is estimated to generate between 150-170kgCO<sub>2</sub> emissions, *equivalent to driving 450 miles in an average petrol car.*

High CO<sub>2</sub> emissions pose serious health risks to individuals, increasing their likelihood of hospital reattendance.



**Is it needed?**





# Drowning in Drapes

A close-up photograph of a surgeon in a sterile operating room. The surgeon is wearing a blue surgical cap, clear safety goggles, and a blue surgical mask. They are focused on their work, with their hands visible in the lower part of the frame, wearing blue gloves. The patient is covered in blue surgical drapes, and the background shows the blurred outlines of surgical equipment and the operating room environment. The overall lighting is bright and clinical.

## Aim Statement

Our aim is to not waste 2000 surgical drapes in Maxillofacial theatres by December 2026.



# Pilot Stage

6 weeks



88%  
reduction  
*53 drapes*



1.986  
Kg CO<sub>2</sub>e

# First Wave of Spread

10 weeks



29% total  
reduction  
*144  
drapes*



78%  
reduction  
in large  
drapes  
*51 drapes*



5.396 Kg  
CO<sub>2</sub>e

# Approach: Is it needed?





## **Call to action**

Encourage a cultural mindset to consider waste & procurement-related emissions- *Is it needed approach?*

Financial pressures do not restrict greener alternatives- *Triple Bottom Line*



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