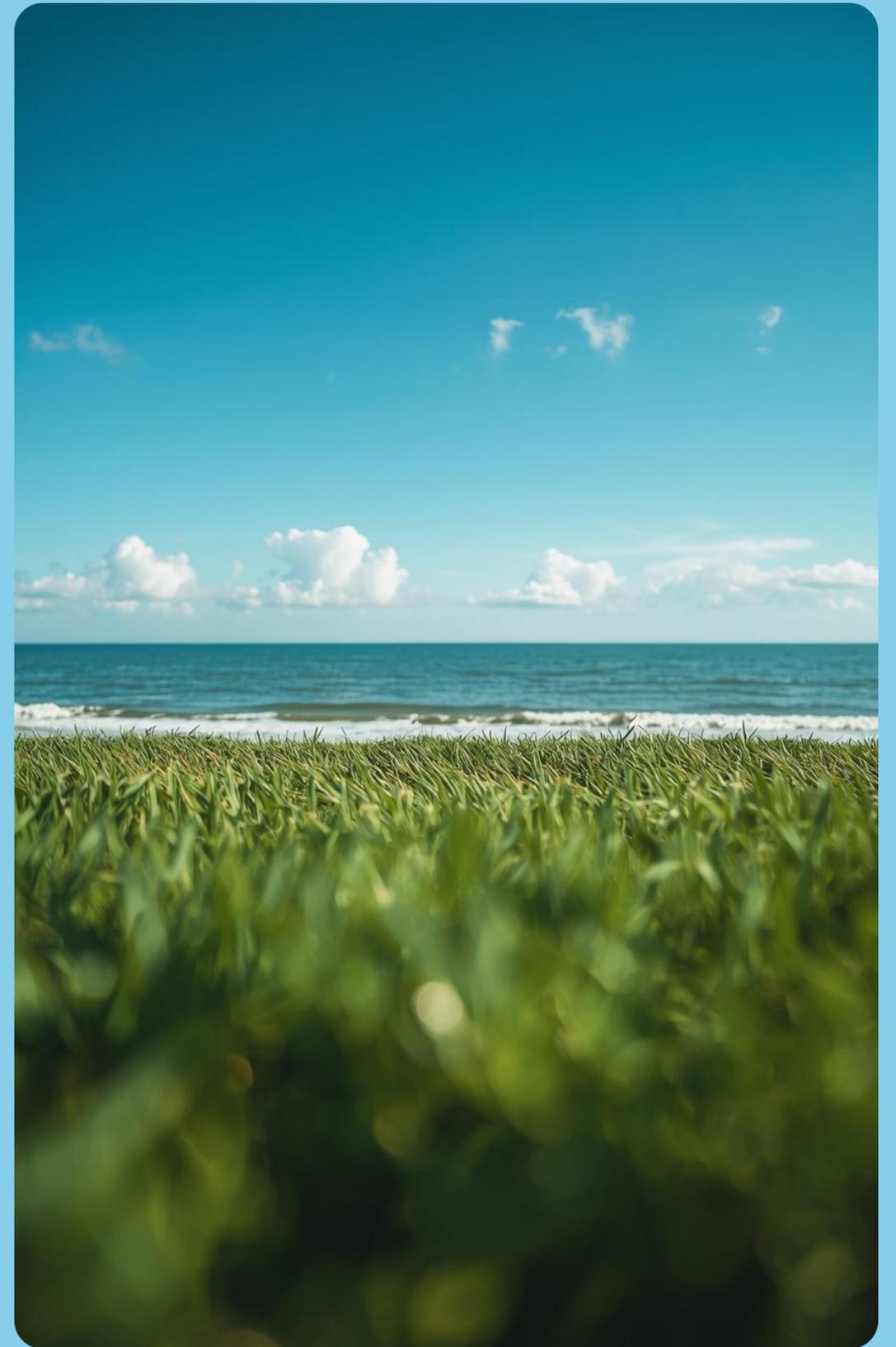
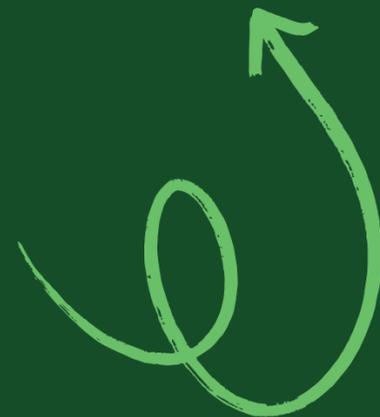


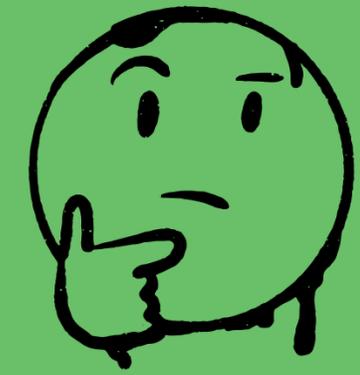
Probing for Change

Making Emergency Care Greener
Reducing single use Oxygen Saturation Probes

*Kayla Murphy, Lisa Dann,
Jennifer Jones, & Alex Caro*



'They Cost How Much ?!



Routine Use of
single-use
saturation
probes



**€12.73 per disposable
sats probe**

Reusable
alternatives
readily available



**€207.70 per
reusable
sats probe**

Why this matters?



rising attendances



environmental waste



healthcare is
expensive



Sustainability

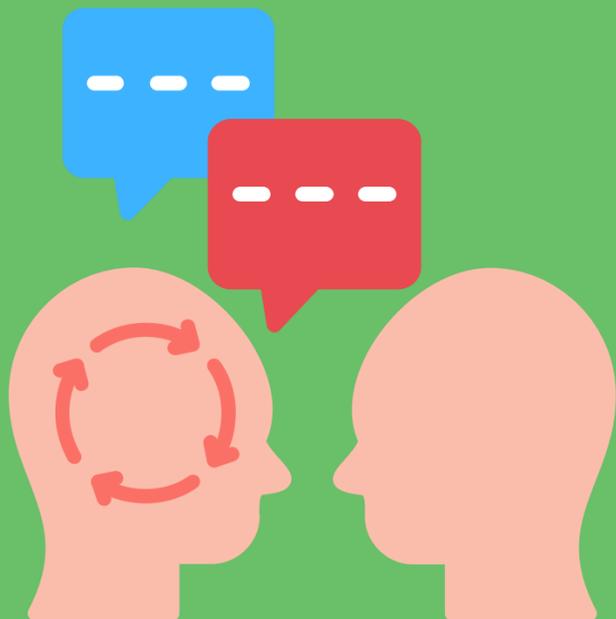
Our Sustainable Aim

- Align with HSE Climate Action Strategy 2023–2050
- Minimise usage of single-use saturation probes
- Maintain: Patient safety
Clinical workflow
Monitoring reliability & finances
Multidisciplinary Approach



QI Methodology

- **Baseline Audit (March 2025)**
- **Phased Introduction of reusable sats probes**
- **Three sequential cycles completed**
- **Progressive staff education & feedback**



Baseline Findings

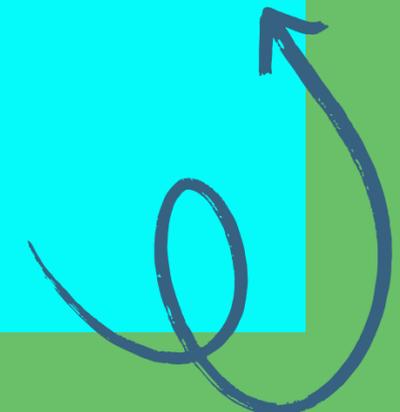
Baseline Audit Results

1608, ED Attendances during the 2 week period-
March 2025

1549, single- use probes used

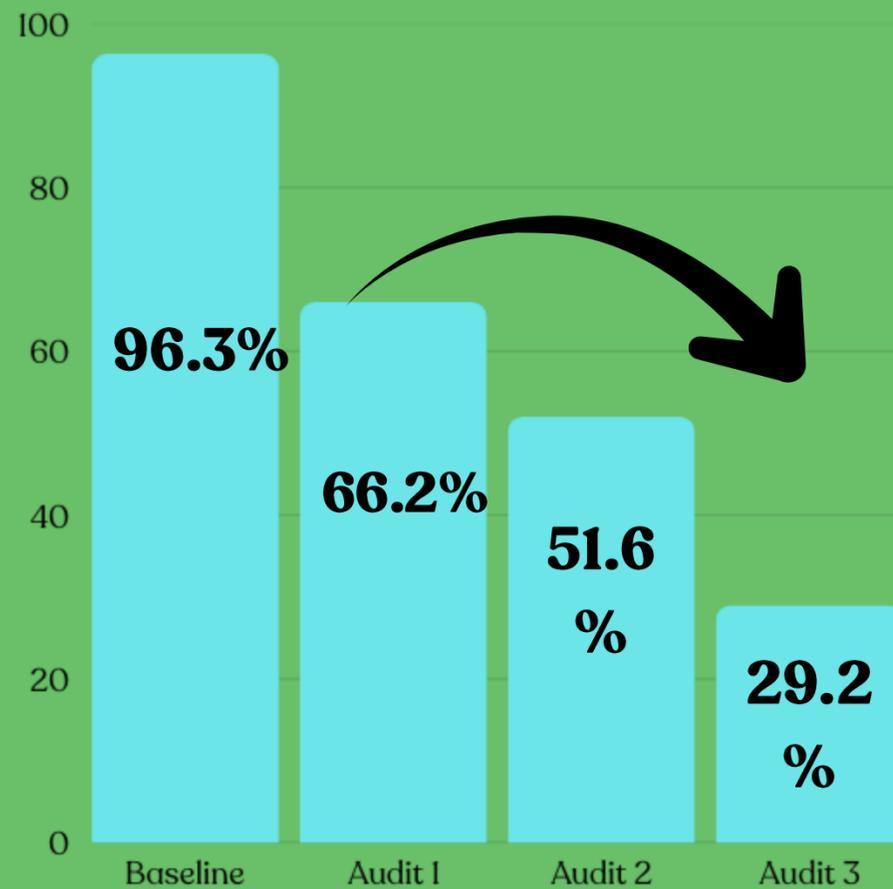
96.3% of all ED attendances used a disposable sats
probe

€19,718 consumable cost (2 week)

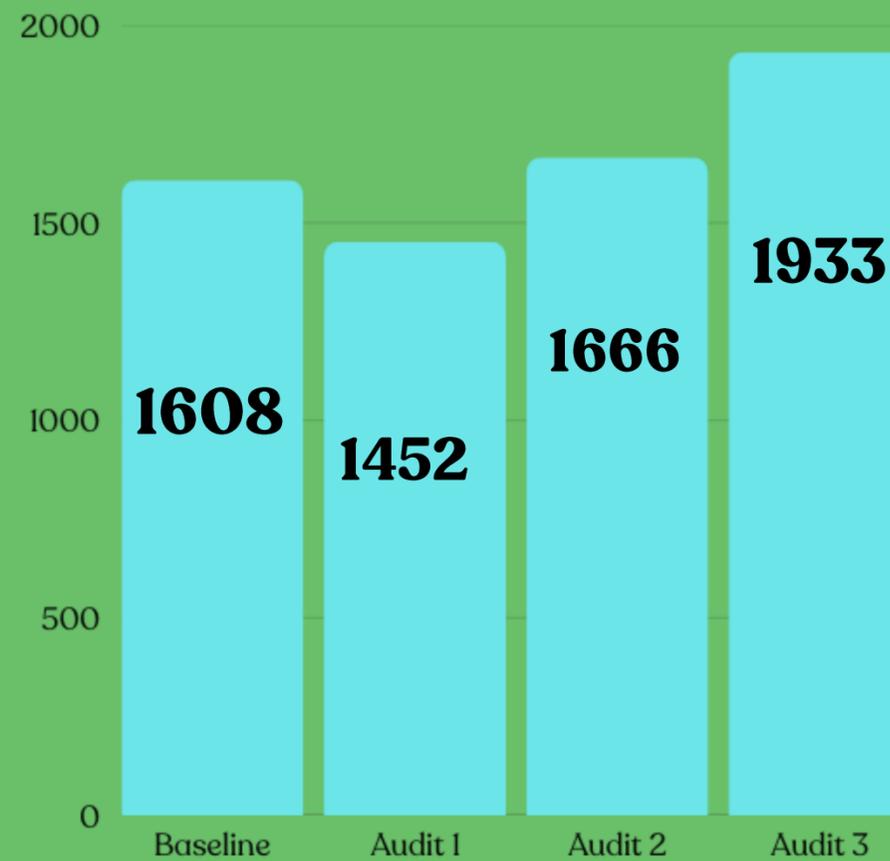


Results

Single use probes as % of attendances



Sustained reduction in sats probe use despite rising attendances



Key Outcomes
60% reduction vs baseline
No probe failures
No patient safety incident



What Could the Savings Fund?

Projected Savings

€28,770 saved over 6 weeks

€67,774 projected over 3 months

3 Months Savings Equivalent To



**1.3 years of a Staff
Nurse Salary**



**6 level 9
postgraduate courses**



**1.3 years of a Play
Therapist Salary**

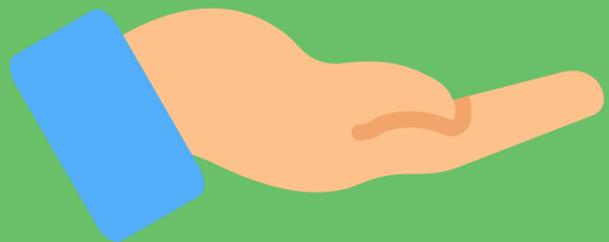


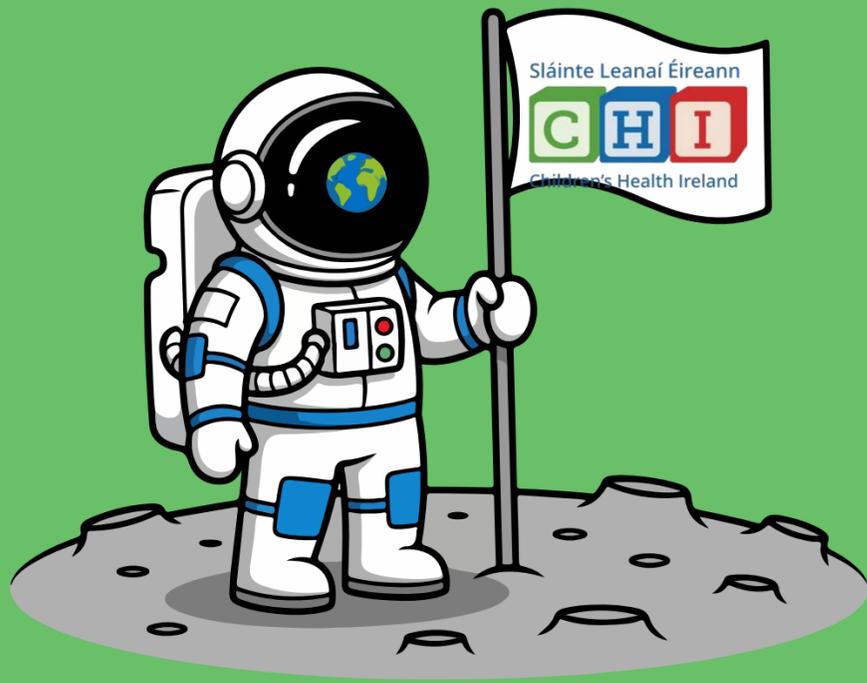
**1 year of an ANP
salary**

Sustainability, Learning & Next Steps

Bottom Line

- **Simple changes can deliver major impact**
- **Early staff engagement is critical**
- **Data sustains behavior change**
- **Scale Availability**





CALL TO ACTION

