

# SUSTAINABILITY



THROUGH

# DIGITAL

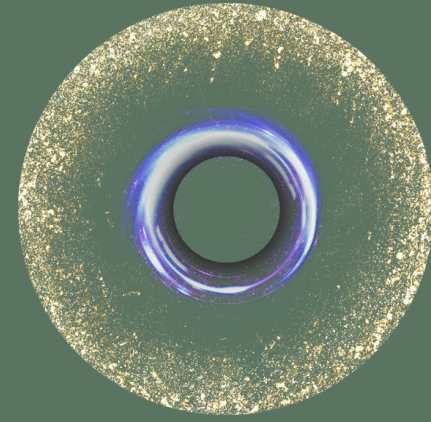
# TRANSFORMATION



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OFFICE OF CLINICAL INFORMATICS

JULY-DEC 2023



# Maria's Story



# How much paper we use for checks and logbooks



Maternity Departments	Number of Checks	Number of Booklets Required	Avg. Sheets of paper required per month	Financial Impact
• Labour Ward	16 checks	48 books	1,158	<b>~ £60K per year</b> (TBC)  • Paper  • Ink  • Electricity  • Workforce  • Storage
• Maternity Triage	5 logbooks	5 books	550	
• Coral Postnatal Ward	14 checks	15 books	160	
• Postnatal Ward	13 checks	13 books	144	
• Maternity HDU and Theatres	15 checks	17 books	91	
• Obstetric Assessment Unit	5 checks	5 books	67	
• Birth Centre	8 checks	8 books	57	
• Antenatal Ward	8 checks	8 books	45	
• Antenatal Clinic	6 checks	6 books	20	

**2,292 sheets of paper per month**



# Print Report – Secretaries Office

## Last 6 months



Job Type	Pages	Black & White	Colour	Total Jobs
• Copy	122	122	0	37
• Print	5,324	5,324	0	715
• Scan	4,705	0	4,705	222



# Environmental Impact

## Environment

- 2,292 sheets of paper  
= 5 reams of paper
- 1 ream of paper uses  
16.67% of a tree
- 5 reams = **83.35%** of a tree

## Bigger Picture

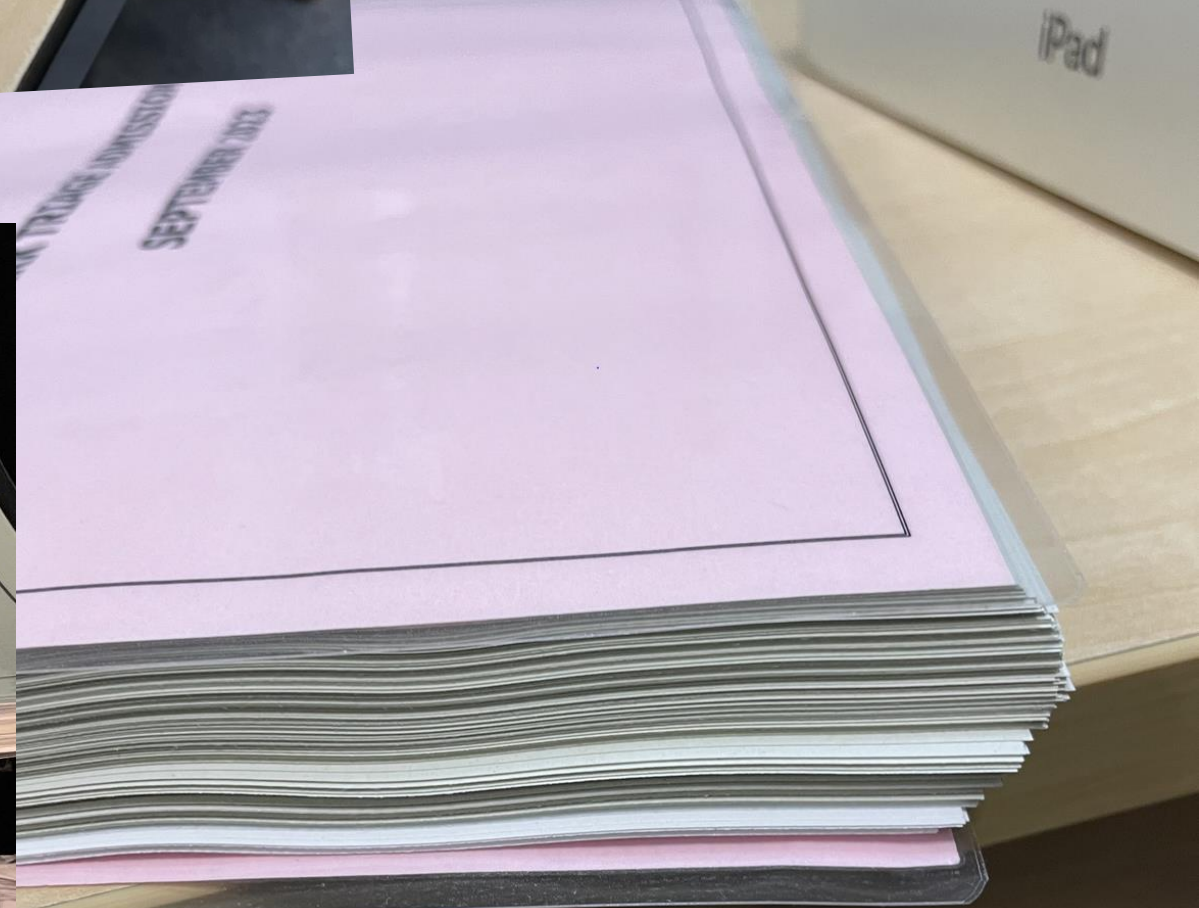
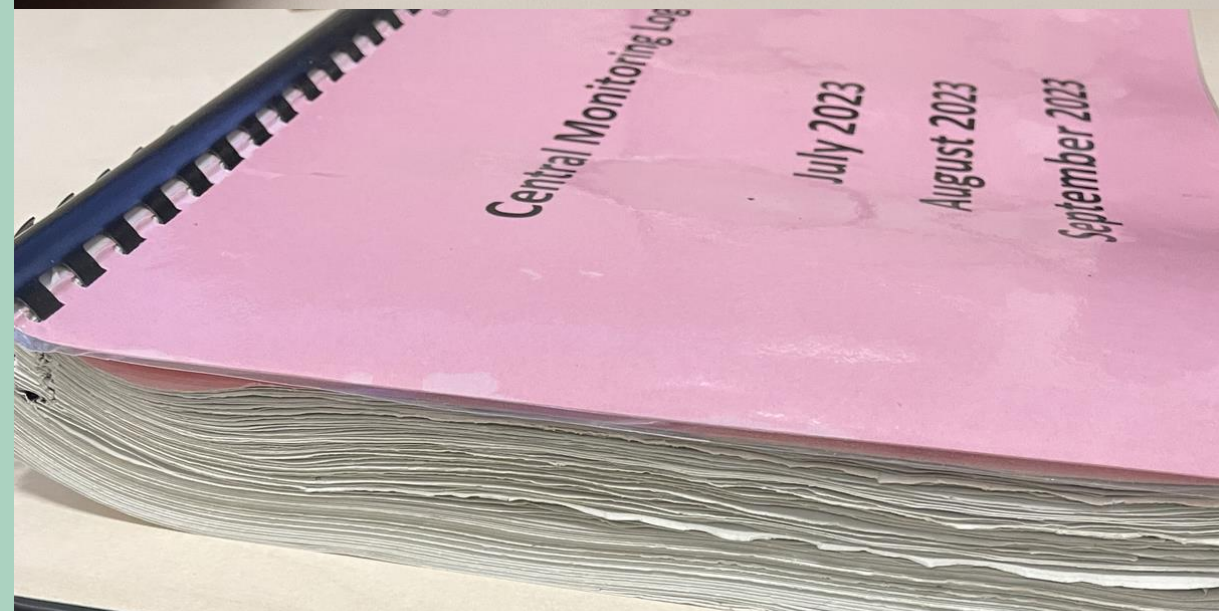
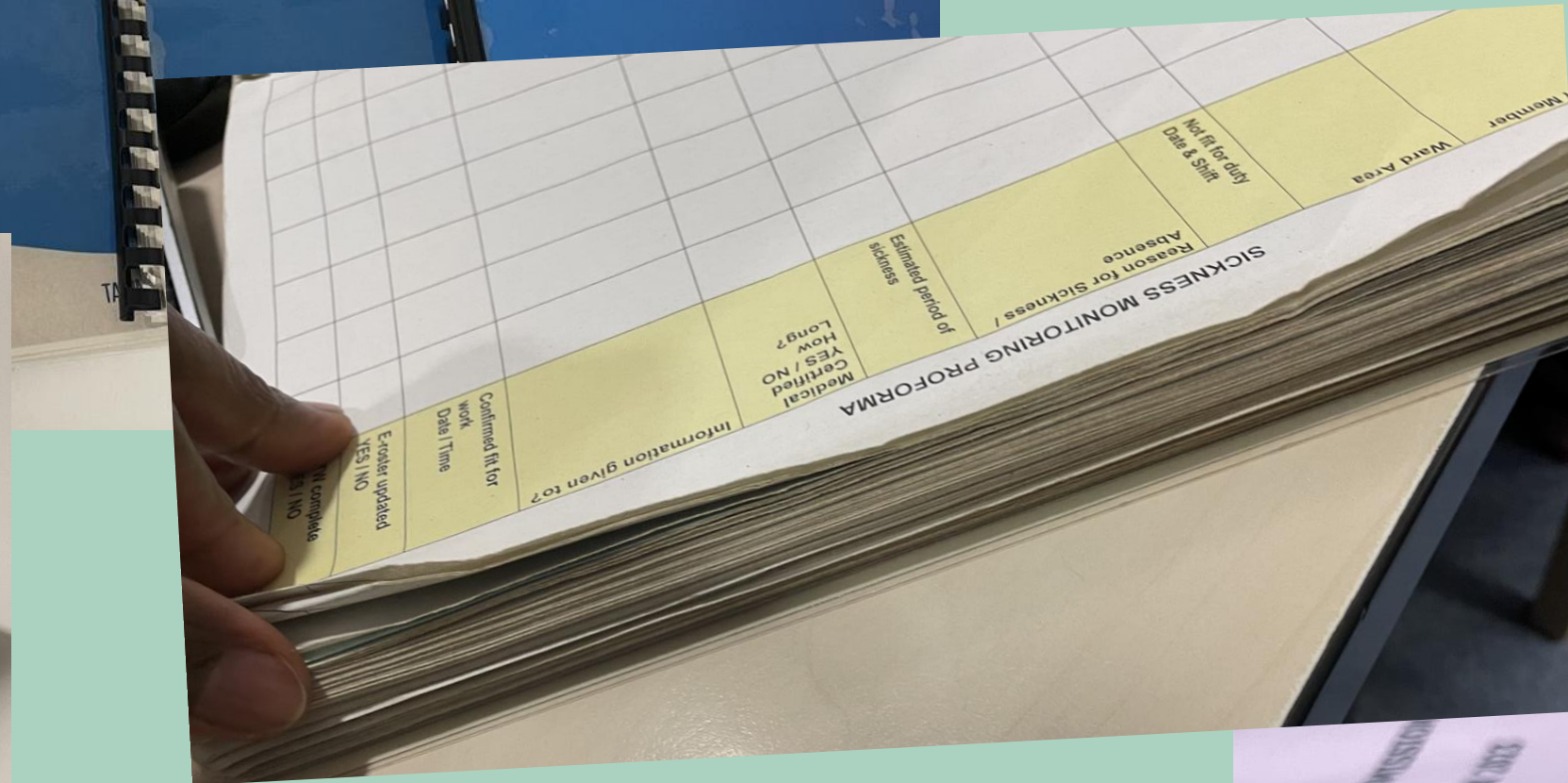
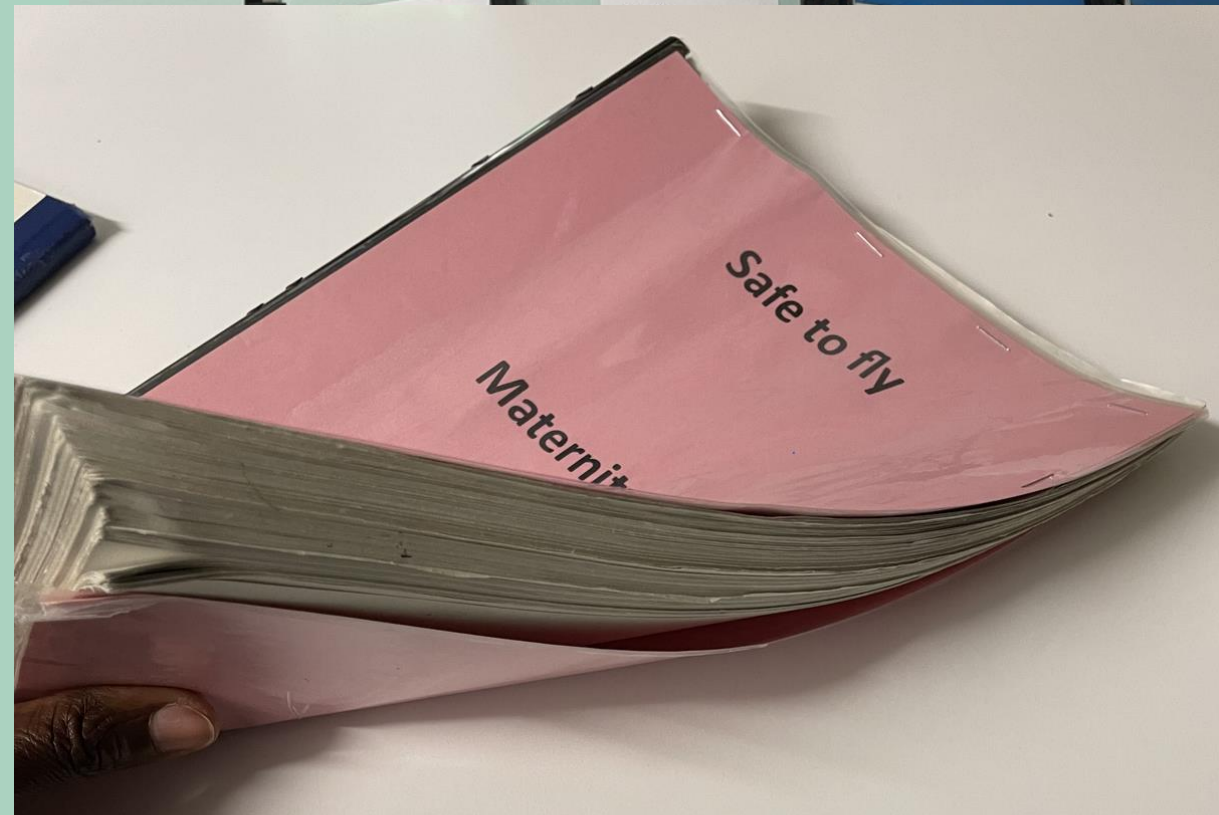
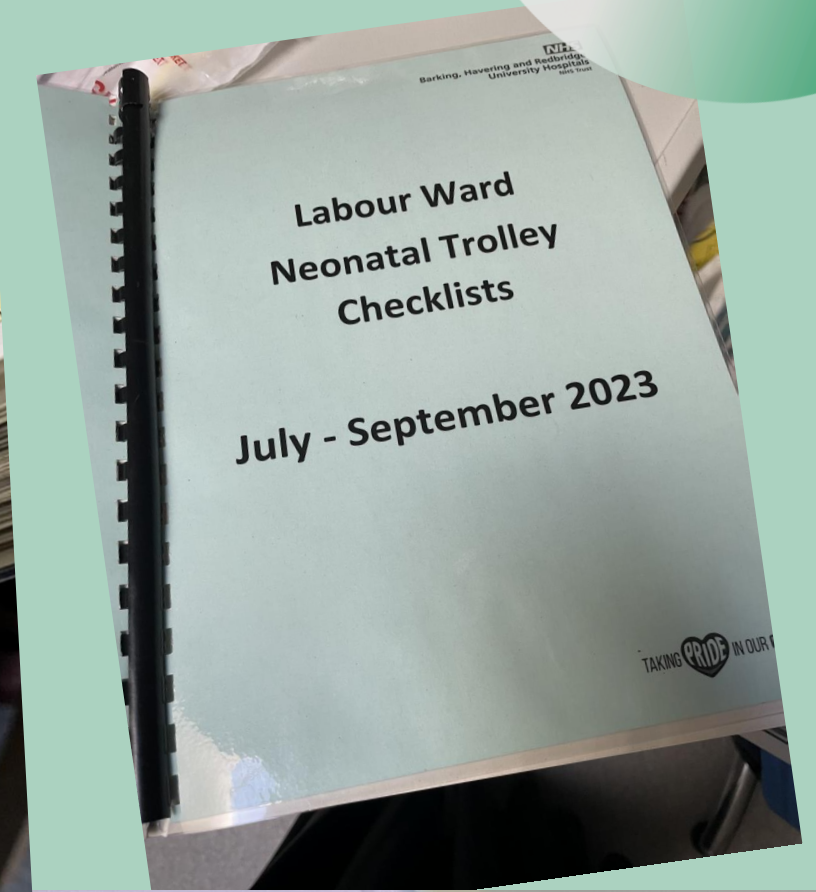
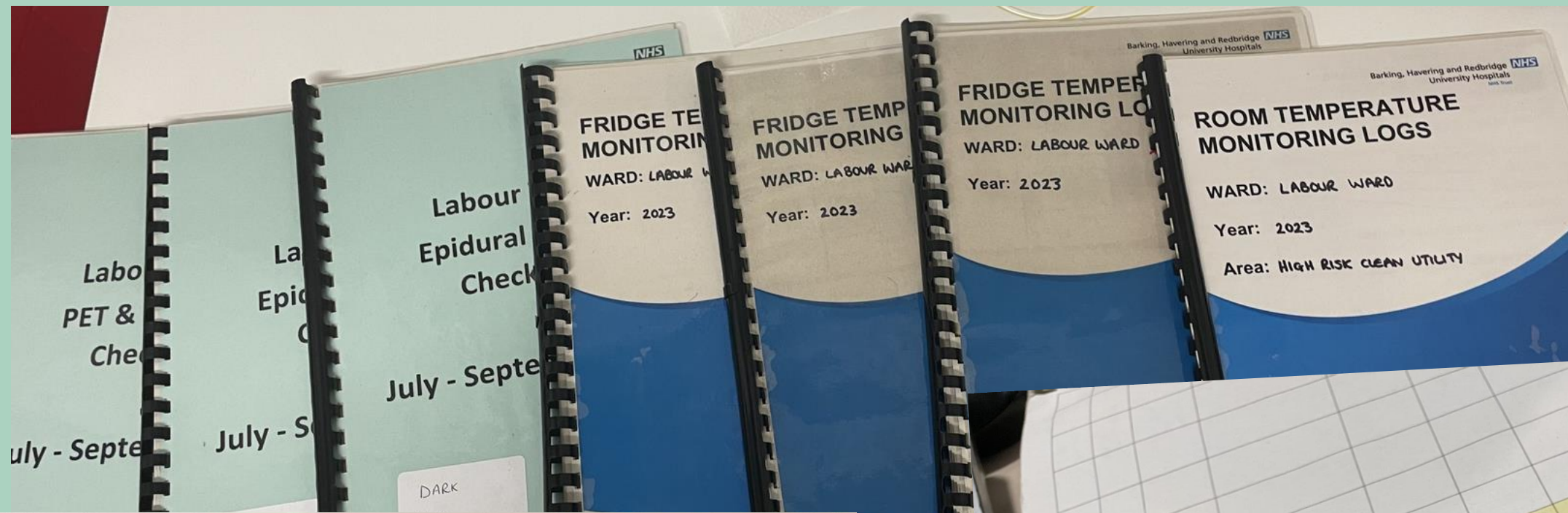
x10 departments

= 50 reams of paper

**~ 8 trees a month**

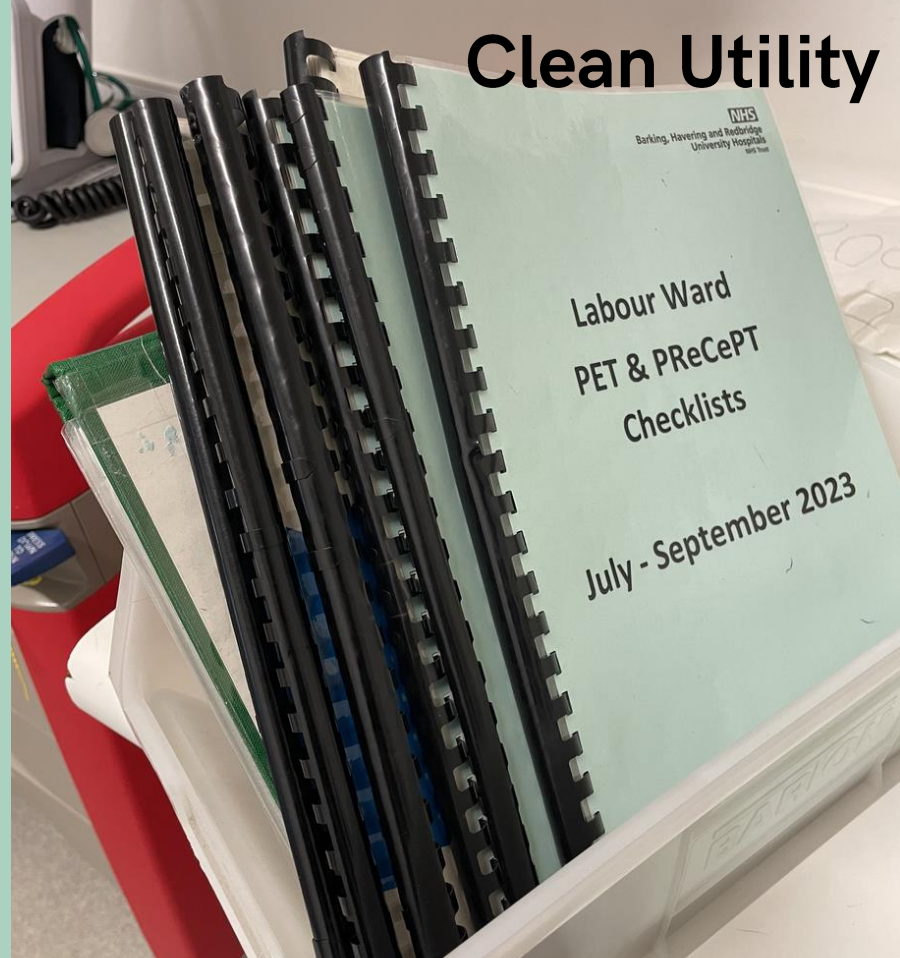
Source: [Conservatree](#)

# Let's Reduce Our Paper Usage



# Storage & Archive

Clean Utility Room



Office Shelf

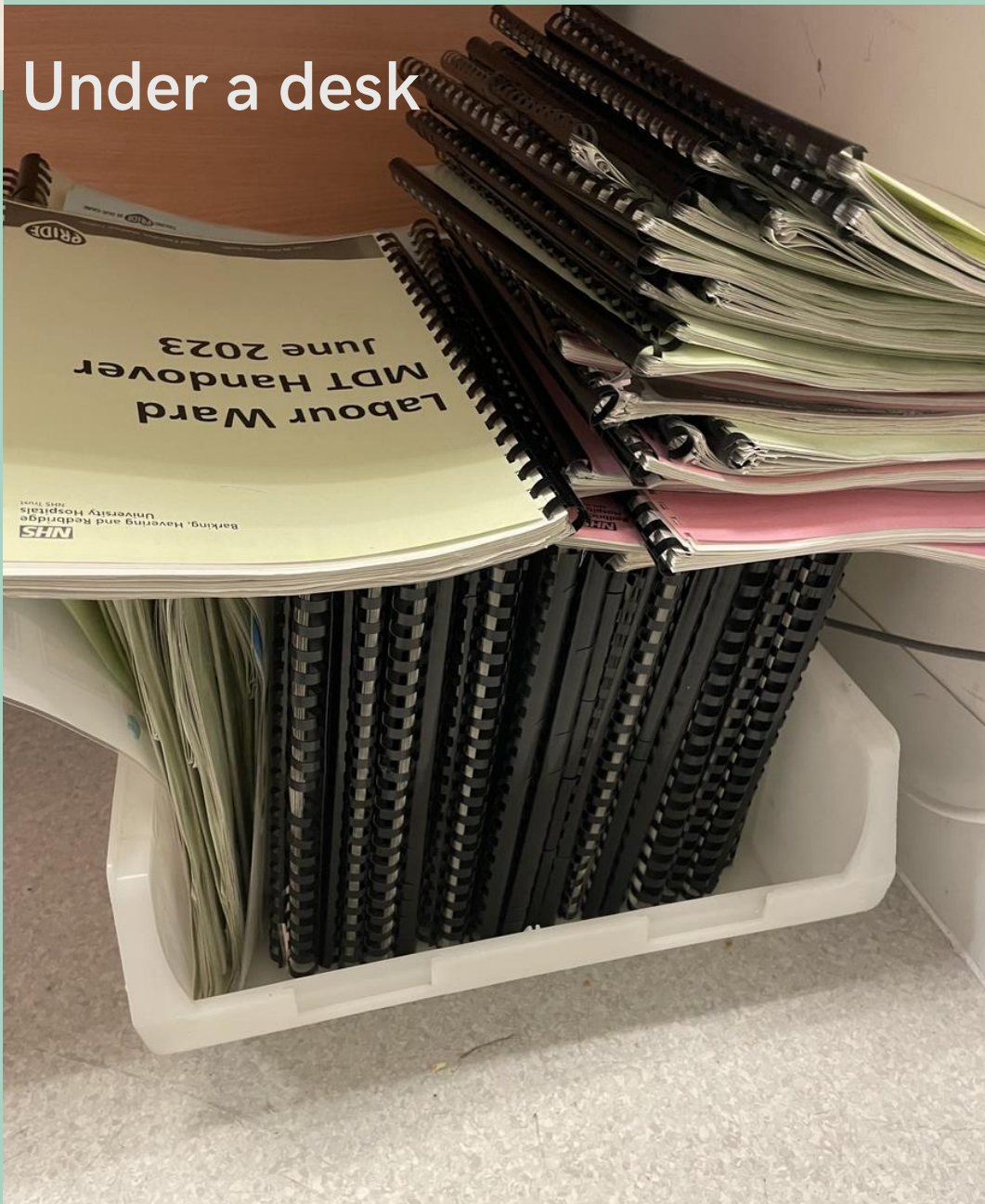
Filing Cabinet



Filing Cabinet



Under a desk

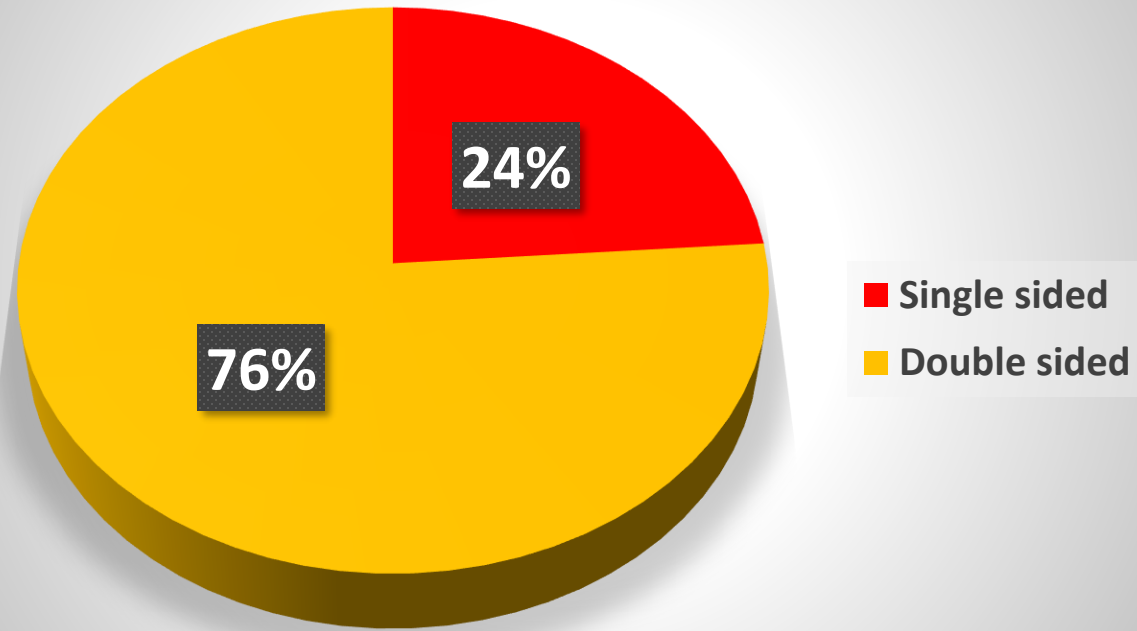


REDUCE  
PAPER USAGE

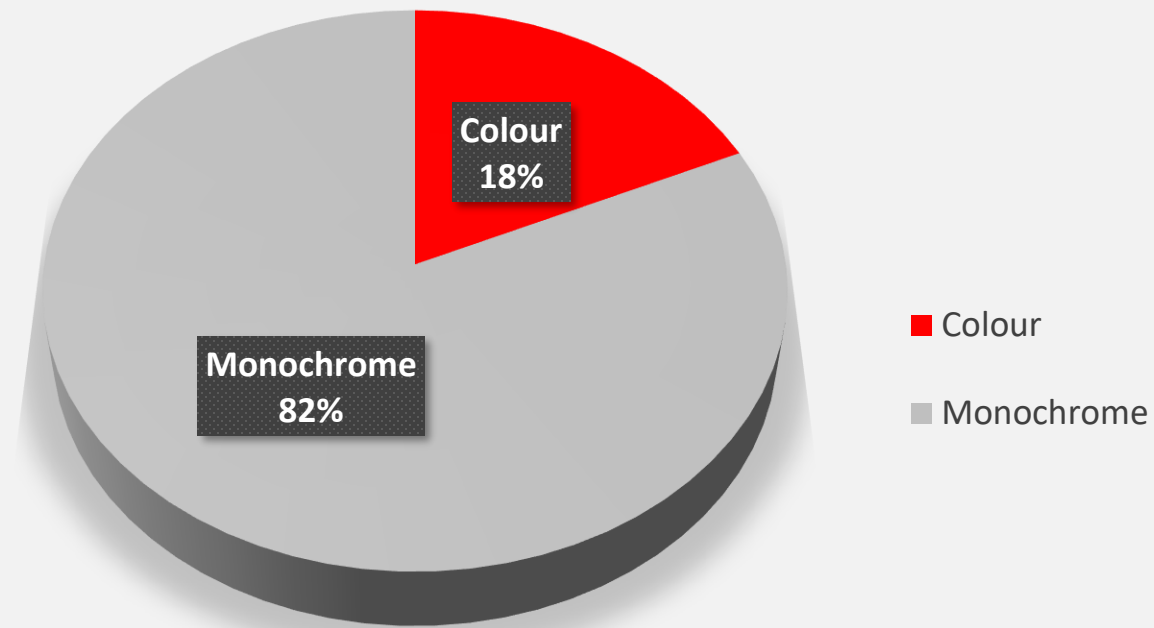


# Data Analysis

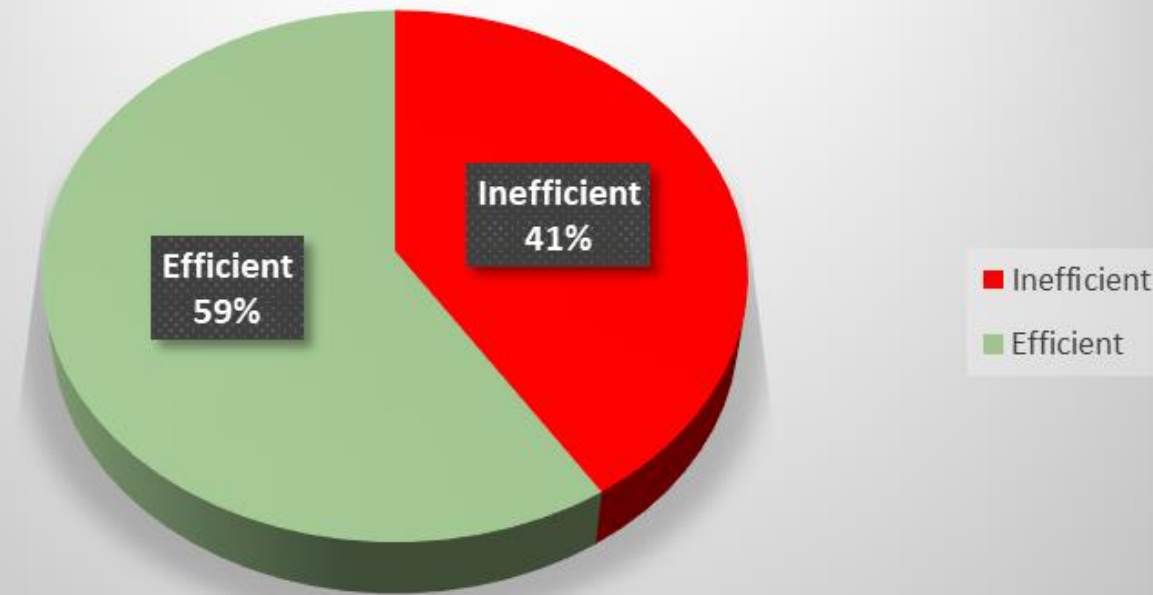
Prints



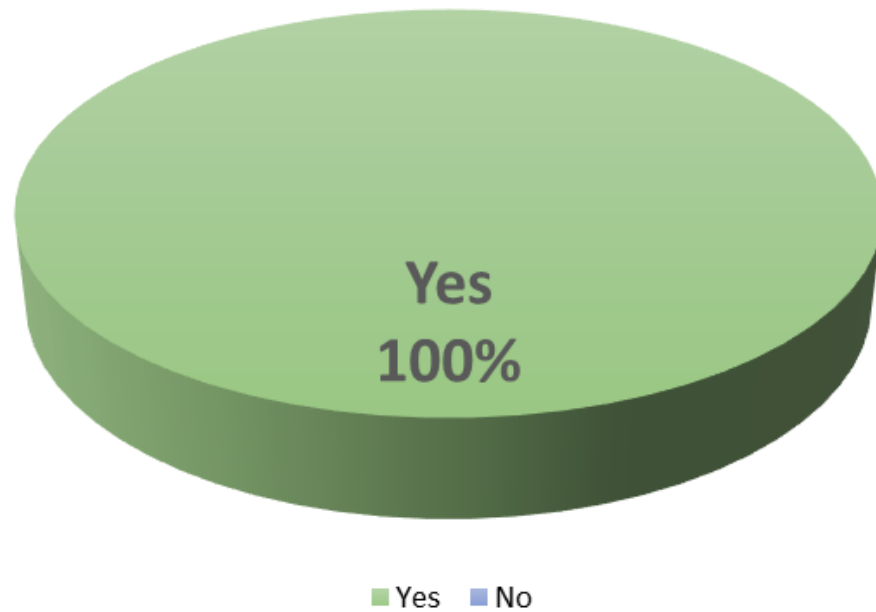
Prints



Efficient use of pages



Staff Preference



43 staff asked....

*Yes!* to digital checks  
“e-Checks”

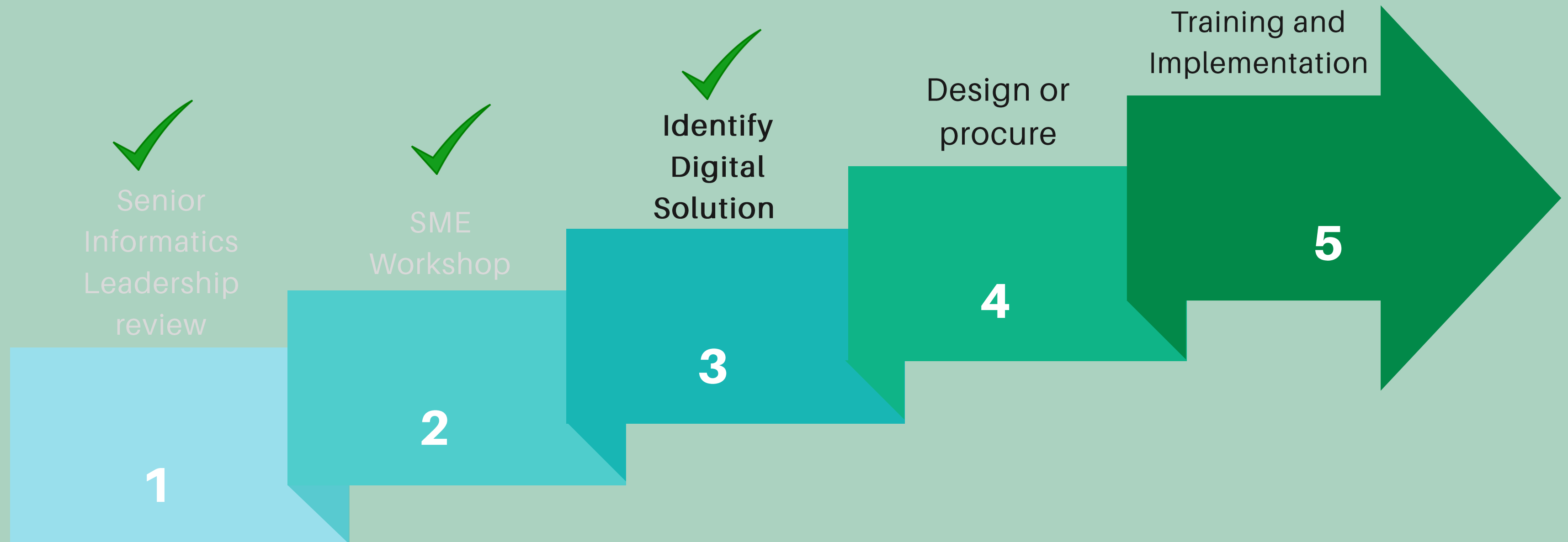


# Benefits digital checks: e-Checks

Organisation	Staff and Patients
<ul style="list-style-type: none"><li>• Saves money<ul style="list-style-type: none"><li>◦ Stationary</li><li>◦ Printing</li><li>◦ Workforce time</li><li>◦ Storage</li><li>◦ Resource management</li></ul></li><li>• Environmentally friendly<ul style="list-style-type: none"><li>◦ Reduced carbon footprint</li><li>◦ delivery logistics</li><li>◦ waste and recycle of paper</li></ul></li><li>• Secure data</li><li>• Safer care</li></ul>	<ul style="list-style-type: none"><li>• Checks will be<ul style="list-style-type: none"><li>◦ quicker</li><li>◦ easier</li><li>◦ more efficient</li></ul></li><li>• More time with patients</li><li>• Digital Literacy</li><li>• Audit and oversight of checks</li><li>• Eliminates exhaustion of printing, laminating and binding</li></ul>

# Next Steps... Digital Solution...e-Checks

Our Story...



...has global potential



*Any Questions?*