



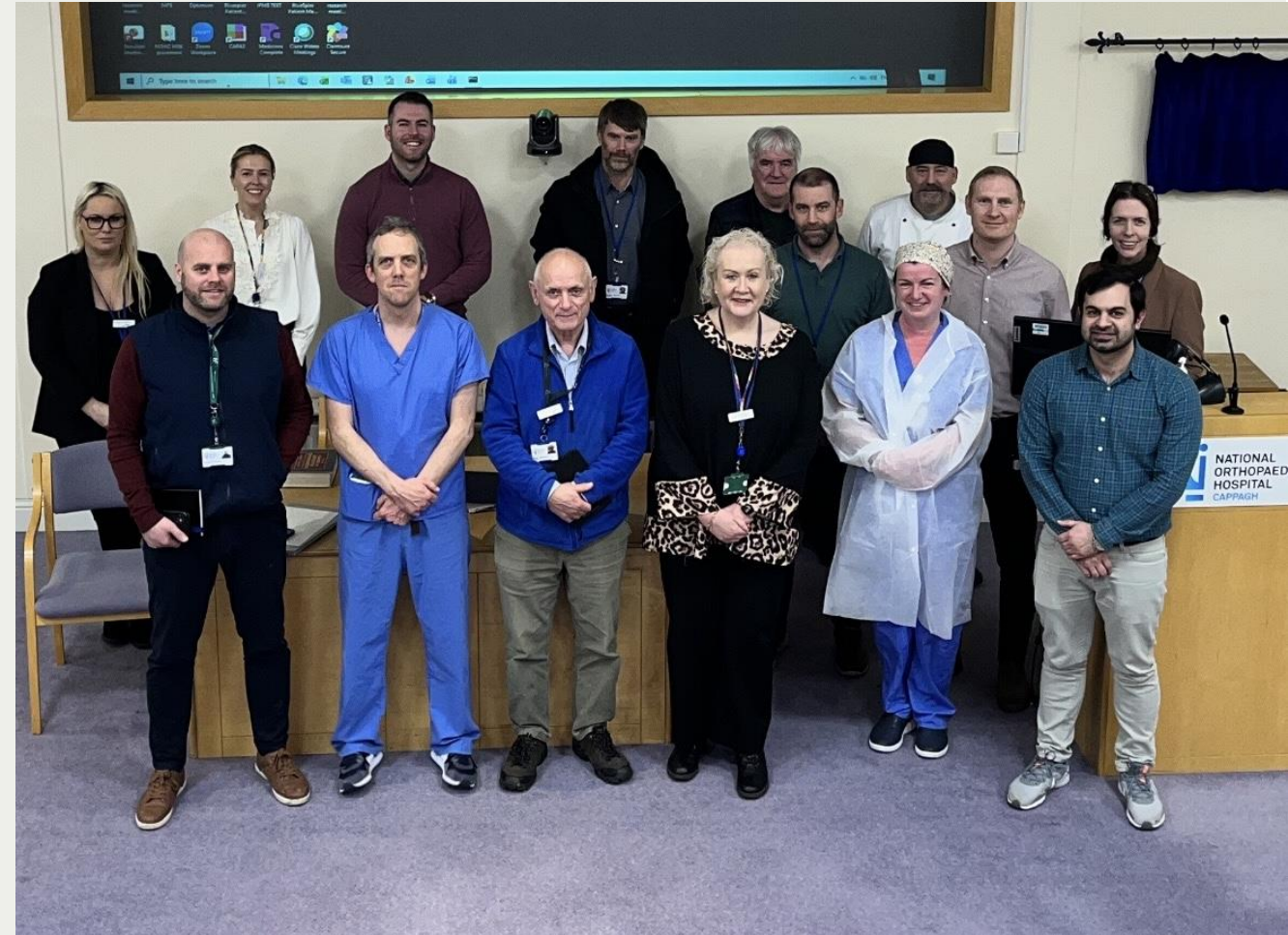
NOHC SUSTAINABILITY PLAN 2026-2030





GEC MEMBERS (est. 2021)

Aoife Gallagher (Chair), DCEO / COO
Jacqui Given, Therapy Services Manager
Mary Doyle, Deputy HR Manager
Ursula Gormally, Professorial Department
Theresa Corcoran, PA to Director of Nursing
Declan Brennan, Hygiene Services Manager
Andy Samuel, Catering Manager
Aoife White, Staff Nurse
Anne Smith, Radiology Manager
Jonathan Suing, CSp Radiographer
Owen McKeown, IT Helpdesk Supervisor
Ravi Deoker, IT Officer
Martin Healy, Head of Engineering
Shane Robinson, Facilities Engineer
Damien Gannon, Stores Manager
Marese Mullins, Lab Manager
Colm Geraghty, Project Consultant
Rob Sweeney, HSE Sustainability and Climate Office
Andrew Reen, HSE Energy Bureau
Michael Hogan, Zehnacker
Richard Ojung'a, Optimising Power At Work (OPW)



ACHIEVEMENTS TO DATE

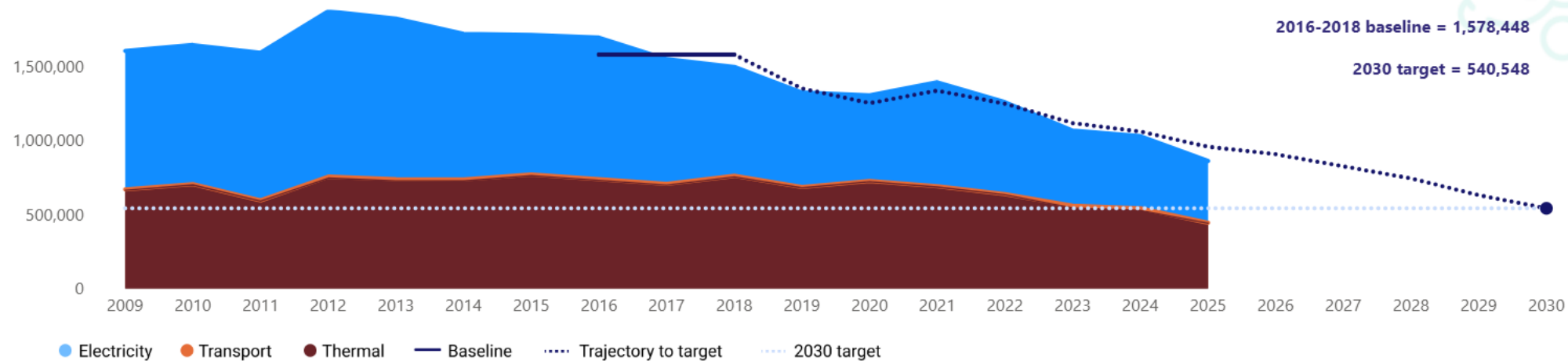
- ❖ Circa €2m invested in sustainability projects through SEAI and HSE Sustainability office since 2021
- ❖ Hospital wide LED lighting upgrade programme
- ❖ Hospital wide Window replacement programme
- ❖ Zoning valves and thermostatic controls on heating system
- ❖ Energy – ↓42% in Basement Plant Room
- ❖ ↓26% in annual combined energy Use from 2019 (Gas and Electricity)
- ❖ Nitrus Oxide switched off April 2025
- ❖ Rooftop Solar PVs installed
- ❖ Welcomed NOHC's resident Honeybees "Cappagh Buzz"!
- ❖ Recycling trinity bins and desktop recyclers implemented campus wide
- ❖ New Cardboard Baler installed

ACHIEVEMENTS TO DATE

- ❖ Achieved NTA's Silver Smarter Travel Mark Award
- ❖ Installed a 40-space bicycle shelter
- ❖ New Shower Rooms
- ❖ NOHC reusable water bottles and Keep Cups distributed to all staff
- ❖ Compostable Cup Surcharge and introduction of 'Go Cups' → 372,000↓ cups/lids since 2022 (€31,000)
- ❖ All standard paper replaced with recycled paper
- ❖ Paperless cleaning matrices implemented
- ❖ Electronic meal ordering system for catering
- ❖ New hot food trollies in wards
- ❖ ↓50% in beef menu items / Introduction of daily plant based / vegan option
- ❖ Food Waste ↓54% (730g HSE avg) (NOHC- 522g (Jun 24) → 240g (Dec 25))

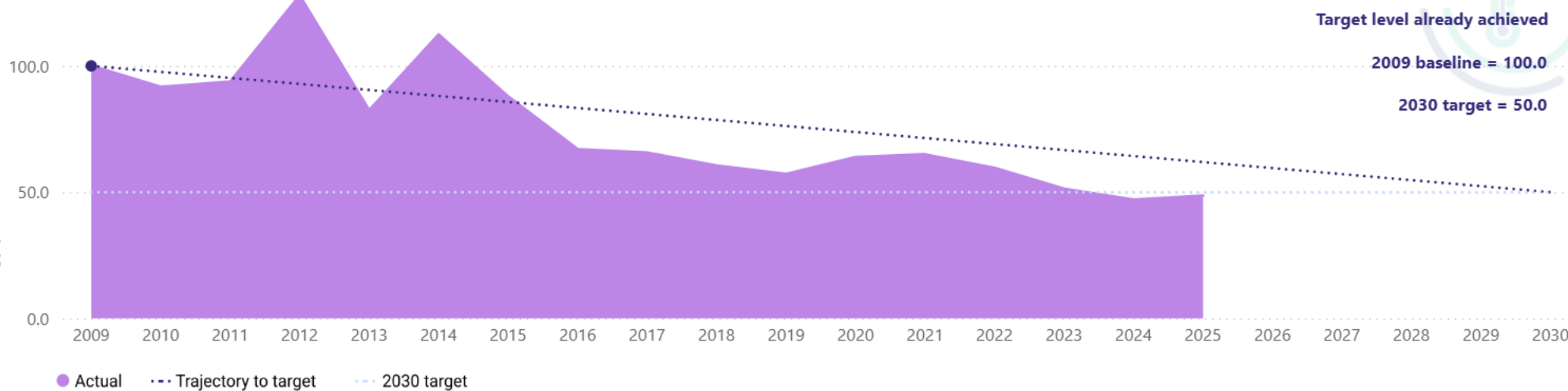
Total CO₂ target

kgCO₂



Energy efficiency target

Energy performance indicator (EnPI)





MAINTAIN THE WORK WE'VE DONE



Maintain

Maintain energy savings
from LEDs, PV, ZONING



Sustain

Sustain waste &
food-waste reductions



WATER

WATER LEAK
DETECTION



Travel

TRAVEL SMART – Bike to
Work / Public Transport



GREEN

GREEN CAMPUS
PROGRAMME

Public Sector Climate Action Requirements

Digitisation-by-default mandate.

Eliminate paper where practicable.

50% food-waste reduction by 2030.

National decarbonisation energy targets.

Water-conservation and metering obligations.

Green procurement standards.

How Important Is Sustainability to Employees?



STRATEGIC OVERVIEW & STAFF SURVEY INSIGHTS

Staff Support & Engagement

Strong endorsement for sustainability; over 60% rate it extremely important and many want to participate.

Priority Areas Shaping the Plan

Staff call for education, better waste and water practices, fewer single-use plastics, visibility of projects, and digitalisation.

Barriers & Enablers Addressed

Plan tackles training gaps, competing demands, low awareness, and adds departmental sustainability champions.

Actionable Initiatives

Features Sustainable Surgery, Green Labs, Green Radiology, plus biodiversity, reusables, and clear segregation.



SUSTAINABILITY THEMES OVERVIEW

Sustainable Surgery

Cut surgical waste, adopt reusables, optimise anaesthetic gases, train perioperative teams.

Green Labs

Reduce consumables, handle chemicals responsibly, boost energy efficiency, improve recycling.

Green Radiology

Use energy-efficient protocols, go digital-first, cut contrast waste, manage equipment lifecycles.

Water Conservation

Expand metering and leak detection; reuse RO reject water where feasible.

Digitalisation

EHR Introduction, Patient correspondence via email, Introduction of Staff App, Cleaning matrices, Roll out of MS365

SUSTAINABLE SURGERY ACTIONS

Reduce Single-Use Plastics

Partner with procurement on reusables, review packaging footprints, and explore additional pilot safe reusable instruments for F&A and UL surgeries , disposable PPE warm up jackets/overcoats/surgical gowns

Improve Waste Segregation

Deploy clear signage, appoint green champions, and run audits to reduce confusion and errors, explore feasibility of recycling set wraps (smelting).

Train for Green Perioperative Care

Structured modules on anaesthetic choices, lean set-ups, and safe waste reduction techniques.

Monitor Anaesthetic Gases

Track use and phase down high-GWP volatile agents, aligning with standards and climate goals.



GREEN LABS: KEY ACTIONS 2026–2030

Materials and Consumables

Optimize ordering to cut waste; deploy lab-specific recycling, minimize single-use plastics; adopt sustainable materials where available.

Equipment and Energy

Optimize runtimes for refrigeration and other equipment via smart scheduling and maintenance, reduce carbon footprint for fridges and freezers, replacement of fridges with gas R404A.

Culture and Accreditation

Achieve green certification; elevate staff awareness.

Digitisation

Adopt paperless systems for daily check sheets, ICQ (Internal quality Control) sheets, stock management.





GREEN RADIOLOGY 2026–2030

Efficient Imaging & Scheduling

Shorter scan times, dose optimisation, and AI-assisted scheduling reduce energy and idle time.

Digital-First Workflows

Eliminate paper and physical media; streamline reporting to cut waste and delays.

Stewardship & Lifecycle

Optimise contrast use and disposal; maintain and procure low-energy devices for longevity.

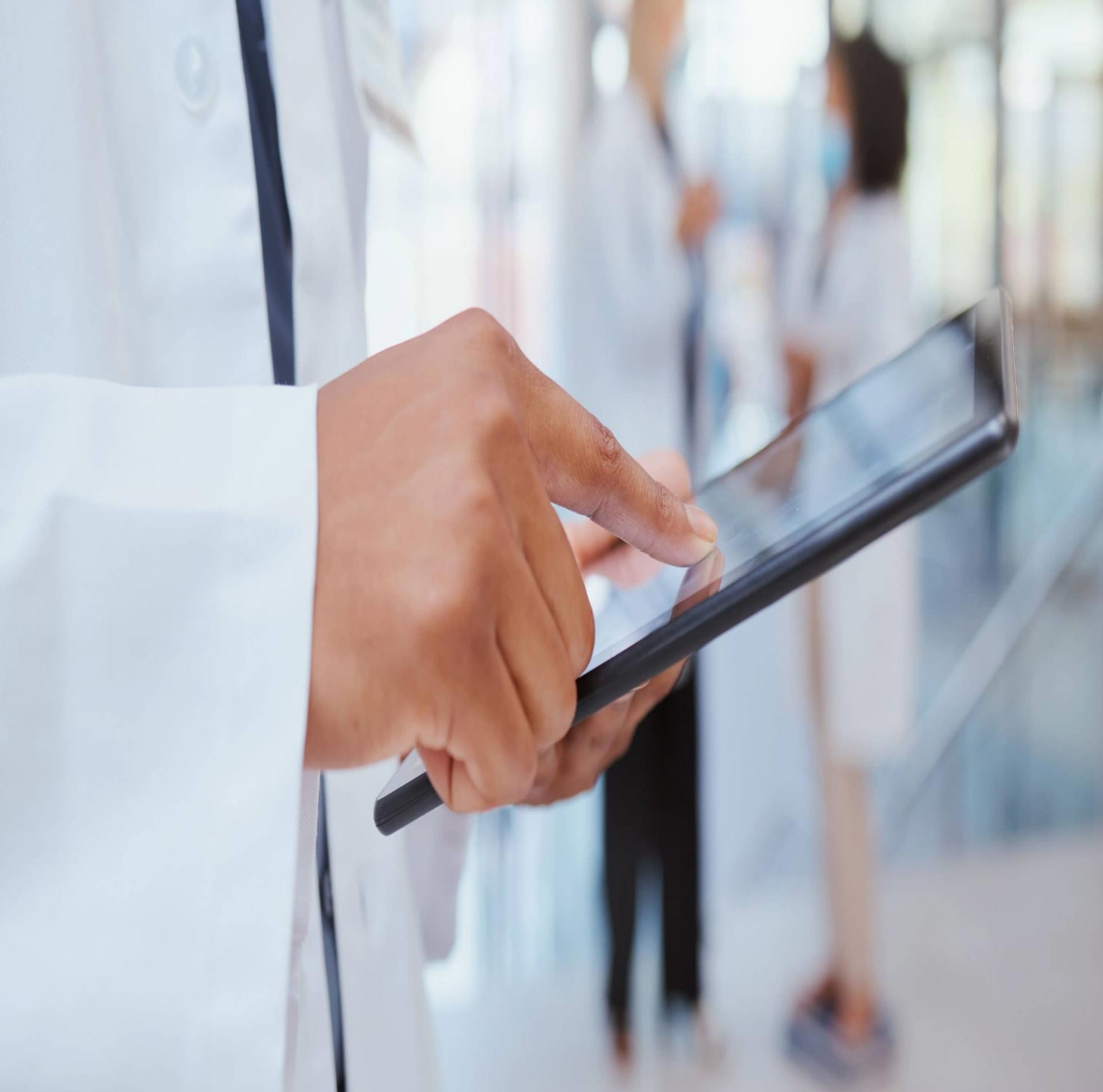


WATER CONSERVATION

Expand Metering and leak detection

Reuse reverse osmosis reject water where feasible





DIGITISATION

Digital First culture...

Electronic Healthcare Record Implementation

Patient Correspondence via Email

Introduction of Staff App

Hospital Wide roll out of Cleaning Matrices

Roll out of Hospital Wide MS 365

Full implementation of Managed Print

Electronic (stock/stores) ordering as default

‘Smarter’ patient labelling





ENERGY TO 2030...

Achieve our 2030 Carbon Emission Targets

Biomass boiler installation

Hospital Entrance upgrade

Roll out of air condition replacement program

Window and fabric upgrades

Further smart meters on water, gas, electric

Explore further Solar PV opportunities

Heat Pump installation



INFORM & INVOLVE...

Appoint Green Champions

Sustainability Training Calendar

2 x Green Days per Annum

Green Charter

Regular updates to Green Notice Board

Social Channels / Website / Staff App

GEC Newsletter

Green Space for All



OTHER ...

Sustainable Travel ctd.. (inc. EV chargers)

Biodiversity Projects

Year-round micro-projects e.g. additional waste management projects, e-signatures

Health & Wellbeing

Green Procurement

THANK YOU



EVERY ACTION COUNTS, LET'S KEEP GOING!!