

# A *model* hospital for the future

A new hospital for Harlow will **transform the health** of the local population and act as a **catalyst for major economic growth** in the region.

But the opportunities it brings go deeper and further.

A new Princess Alexandra Hospital will:

- **build a healthier future** for Harlow, improving lives and outcomes
- **be a positive driver of regeneration** in an area of significant need
- **address health inequality** through the creation of local opportunities, jobs and growth
- **achieve carbon zero** ahead of the NHS target date
- **achieve genuine transformation**, delivering a **new healthcare service model** the NHS can learn from
- **be the first of its kind** to embrace everything the NHS has learned from the pandemic

We're developing a template for all future NHS hospitals to follow.

**“If the Princess Alexandra Hospital was a patient it would be placed in ICU, yet we continue to deliver our best for patients. Think what we could we achieve for Harlow and for the future of UK healthcare, in a building that is all electric, completely digital, embraces current policy and embodies everything in the NHS Long Term Plan.”**

Lance McCarthy, Chief Executive

The *New* Princess Alexandra Hospital



# Why does *the NHS* need a new Princess Alexandra Hospital?

We're building a hospital of many firsts:

1.



The first new hospital designed with system partners to deliver the NHS Long Term Plan

2.



The first hospital to be built post-pandemic, applying our learning to future-proof services

3.



The first all-electric hospital in the UK leading the race to deliver net zero carbon

4.



The first truly digital hospital with a technology blueprint that will define the intelligent hospitals of the future

5.



The first hospital in the New Hospital Programme that could exploit and be a test bed for modern methods of construction

We have the full support of our stakeholders, from our people, our local and regional system partners, our patients and the many diverse communities we serve.

And we have major political buy in from all our county and local councils and MPs.

**Everyone is unanimous in their support for a new hospital for Harlow.**

**“This new hospital is the cornerstone of our regional economic development plan. It will catalyse a wider programme of regeneration that includes housing, transport infrastructure, jobs and more. Quite simply, our plan will fail without it.”**

Kevin Bentley, Leader, Essex County Council

# We'll do this by...



1. Fundamentally redesigning acute care delivery to meet the future needs of our ageing and growing population

Integrating with health and social care partners to deliver population health objectives

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Being an early adopter of the NHS long term plan 21st century service delivery model, working with system partners to deliver the right care, when and where patients need it



2. Learning from the pandemic, to develop a highly flexible and responsive service model ready for today and tomorrow

Adopting holistic approach to healthcare in a hospital that is a place of wellness not illness, with nature, nutrition and healthy lifestyle at its heart

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Being a best in class, world leading hospital that embodies everything our modern NHS stands for



1,436 

Our new hospital will be carbon neutral saving over **2 million kg of CO2** annually compared to the current site. This is the equivalent of 1,436 return flights from London to New York every year



# We'll do this by...



**3.** Harnessing innovative technology in every aspect of our work, providing a blueprint for digital strategies across the NHS

Acting as the MMC pilot for the new hospital programme, generating standardisation efficiencies

Building the first all-electric hospital in the UK and being one of the first to meet the NHS net zero carbon goal

0%

**4.** Optimising workflows so clinicians and healthcare staff can spend more time on frontline care, less on admin

Providing the best place to work, attracting and retaining the best talent from Harlow and across the UK

Creating new jobs in construction and retail and providing essential employment as the largest employer in Harlow



**5.** Releasing our current site for vital new homes in the Harlow local plan

Being an essential delivery partner in plans for the new Harlow and Gilston garden town

Supporting local and regional plans to create growth, opportunity and housing in a region in urgent need of investment



22%

22% more non-elective patients will be treated and discharged the same day through our new models of care, saving £900K per year



# Building a hospital for *the future*, for the country



The Princess Alexandra  
Hospital  
NHS Trust

We have a once-in-a-generation opportunity to:



1. address the growing health inequalities in our local population through an integrated delivery model for areas to follow



2. be a trailblazer in delivering the new models of care in the NHS Long Term Plan



3. achieve a carbon neutral hospital ahead of the NHS target date



4. develop a sector blueprint for how all intelligent hospitals can maximise digital technology



5. fully exploit the benefits of modern methods of construction

... in a hospital that will drive the regeneration of Harlow and raise the standard for all future hospitals in the UK.

**“As a partnership we’ve worked hand in hand to design the new Princess Alexandra Hospital because it is so critical to the future delivery of holistic integrated care across services both in and out of hospital, and to improve health outcomes.”**

Dr Rob Gerlis,  
One Health and Care Partnership

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