

CRYSTAL PALACE  
NATIONAL SPORTS CENTRE

# PHASE 1A INFORMATION BROCHURE





## INTRODUCTION

The Mayor of London is progressing plans to transform the iconic Grade II\* listed Crystal Palace National Sports Centre (CPNSC).

This once-in-a-generation upgrade aims to create a more accessible and inclusive centre for sports, health and wellbeing.

The Mayor is committed to enhancing the environmental sustainability of the CPNSC by delivering energy efficiency measures and reducing carbon emissions.

### SCHEME HIGHLIGHTS

The initial phase of work, (Phase 1A), will focus on upgrading the main building, including work required to reopen the 50m and diving pools, and enhancing the CPNSC's surroundings within the park. The proposed improvements include:

1. Refurbishment of the sports centre
2. Upgrades to outdoor sports facilities and public spaces
3. Enhancements to the indoor athletics facility
4. Refurbishment and alterations to the Walkway
5. Upgrades to the energy infrastructure and energy efficiency of the buildings

CPNSC Main Building Exterior

PLANNING APPLICATION  
PROCESS

CRYSTAL PALACE NATIONAL SPORTS CENTRE  
ENGAGEMENT PERIOD:  
20TH JANUARY TO 31ST MAY 2024

We invite you to participate in a 20-week engagement period from 20 January until 31 May 2024.

During this time, you will have the opportunity to provide your views on Phase 1A and the overall objectives and design themes of the scheme.

PLANNING APPLICATION PROCESS

Following the engagement period, the Greater London Authority, on behalf of the Mayor of London, proposes to submit an application for planning permission and listed building consent to the London Borough of Bromley for the scheme.



CPNSC Main Building Exterior



Engaging with the community

HOW TO PROVIDE YOUR VIEWS

You can provide your feedback on the proposals during the engagement period by:

- Completing an online feedback survey on the scheme website:  
[www.london.gov.uk/programmes-strategies/shaping-local-spaces/crystal-palace-national-sports-centre](https://www.london.gov.uk/programmes-strategies/shaping-local-spaces/crystal-palace-national-sports-centre)
- Filling out a printed feedback form available at public engagement events
- Submitting a hard copy of the feedback form or writing to our Freepost address:  

FREEPOST RUEA-EYYB-GSUA CPNSC,

Land and development,

City Hall, Kamal Churchie Way,

London

E16 1ZE

You can collect hard copy of the feedback form from CPNSC during the engagement period.

- Emailing your feedback to the project team at:  
[CPNSCengagement@mottmac.com](mailto:CPNSCengagement@mottmac.com)

PUBLIC EVENT DETAILS

We invite you to attend the following drop-in events:

SATURDAY 20TH JANUARY

Between 9.30am and 5.30pm at:  
Crystal Palace National Sports Centre,  
Ledrington Road,  
London,  
SE19 2BB

FRIDAY 9TH FEBRUARY

Between 12.00pm and 9.30pm at:  
Norwood Library Hub,  
39 Westow Hill,  
Norwood,  
London,  
SE19 1TQ

FRIDAY 1ST MARCH

Between 12.00pm and 9.30pm at:  
Crystal Palace National Sports Centre,  
Ledrington Road,  
London,  
SE19 2BB

A final event will be held during summer 2024, where we will share the exciting progress and updates about the project.

Please sign up to updates on the website to be kept up-to-date on upcoming events.



Weightlifting



# THE PROPOSALS

## SPORTS CENTRE REFURBISHMENT

- Improve health and fitness facilities throughout the building
- Upgrade all four swimming pools to improve access and programming
- Provide new changing and toilet facilities for all users
- Thermally separate the pools from the sports hall, creating better environmental conditions for users
- Upgrade the level of insulation to improve energy efficiency and heating control
- Install new lifts and ramps to improve accessibility

## OUTDOOR SPORTS FACILITIES

- Relocate sports pitches to the perimeter of the site, creating an “outdoor hub” that promotes informal physical activity and play
- Open up the sports centre to the surrounding parkland, integrating it with the landscape

## INDOOR ATHLETICS

- Retain the indoor athletics facilities below the Walkway in their current location
- Provide a new fit-for-purpose building structure that meets current building regulations
- Indoor athletics facilities will include a running straight, throws net and jump pit



A centre for opportunities

# THE PROPOSALS

## ELEVATED WALKWAY

- Explore options to improve accessibility along the historic “Paxton Axis”

## PUBLIC REALM

- Enhance integration of CPNSC within the park through improved pedestrian routes and the removal of visual and physical barriers
- Create an active landscape that reflects the nature of the facilities
- Include a variety of formal sports pitches
- Introduce new trees, biodiverse planting, and playable mounds to create a vibrant and engaging environment

## ACCESS & CONNECTIONS

- A range of transport and accessibility options, including pedestrian, cycling and public transport trips are being considered as part of the proposals
- Pedestrian and Cycling Movement
  - » Maxim Rise, the road which runs past the stadium towards the skate park, is proposed to be a pedestrian priority play street beyond the Jubilee Stand, with speed-restricting measures
  - » Substantially increasing the number and location of cycle parking spaces to make it more convenient to cycle to CPNSC
  - » Improving routes from nearby transport interchanges such as Crystal Palace station and Penge West station to make it easier to travel to the site by public transport for everyone



Enhanced connectivity with the park



Designing for all ages

# PROJECT OBJECTIVES

## A CENTRE FOR EVERYONE

Create a welcoming and inclusive space that offers exciting opportunities and activities for people of all ages and abilities. Increase participation in physical activity among residents of the five boroughs and London as a whole.

## A SECURE FINANCIAL FUTURE

Enhance and consolidate the existing facilities to improve affordability, ensuring that the centre remains a leading hub for physical activity in London for at least another 25 years.

## ENHANCE CONNECTIVITY

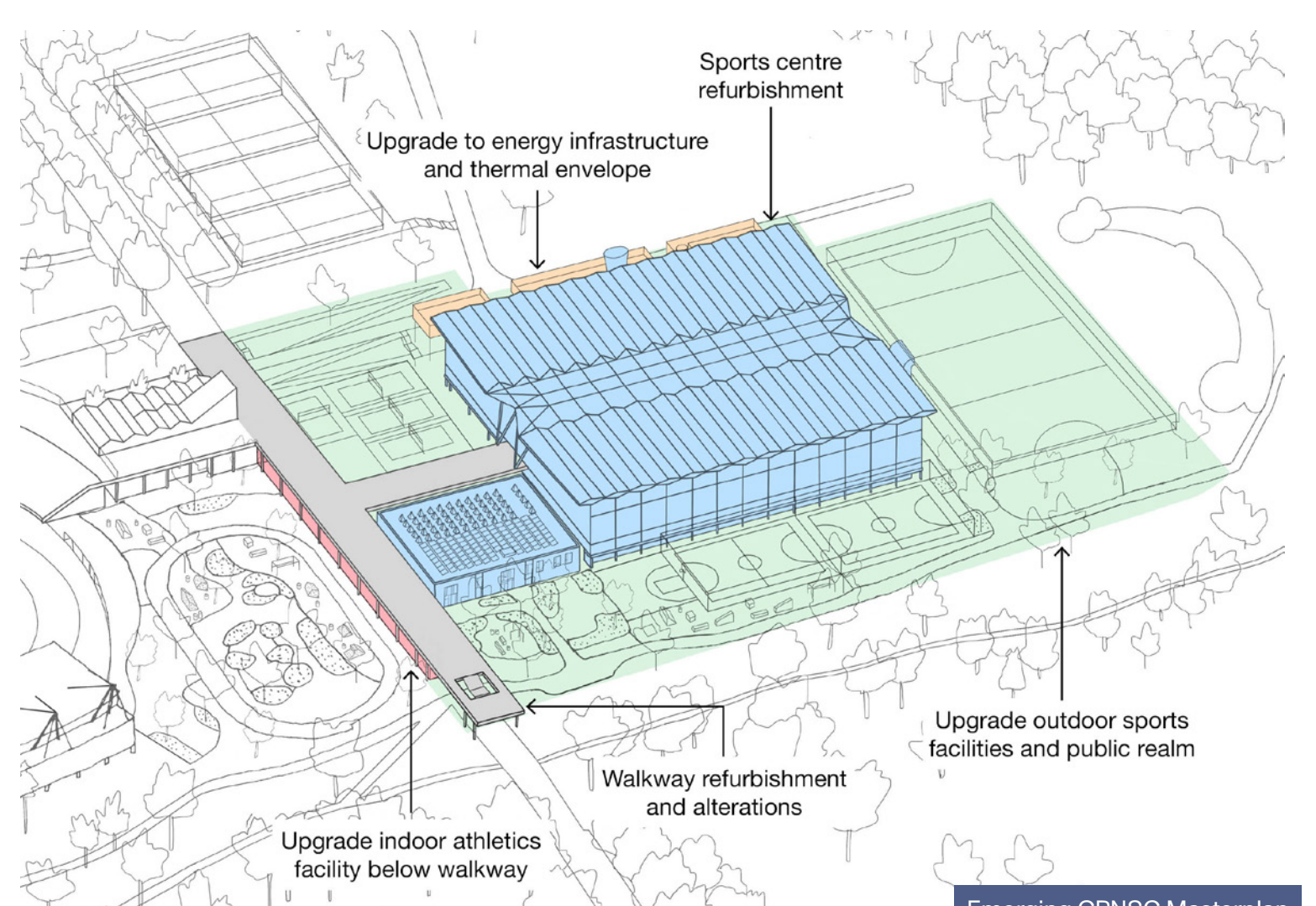
Make CPNSC better connected to the communities that use and surround it.

## BECOME PART OF THE PARK

Break down boundaries with the park so that CPNSC and the park are experienced as one place, responding to the heritage of the site.

## PROTECT AND IMPROVE THE LANDMARK BUILDING

Help the main building work better to provide an accessible and comfortable environment for physical activity whilst celebrating its modernist architecture.



Emerging CPNSC Masterplan





## SUSTAINABILITY

The scheme proposes to deliver a significant improvement in the environmental sustainability of CPNSC so it supports UK, GLA and the London Borough of Bromley's commitments for net zero carbon emissions.

The proposed CPNSC upgrades include the following decarbonisation measures:

### **BUILD LESS**

Where possible, existing buildings will be refurbished and repurposed to reduce the need for new construction.

### **BUILD CLEVER AND EFFICIENT**

The design will prioritise standardisation, easy repair, compactness, and simplicity to optimise energy efficiency.

### **MINIMISE WASTE**

Design strategies will focus on reducing waste through offsite construction, reuse, and pre-assembled systems.

### **BUILD LOW CARBON**

The use of high recycling content materials, higher grade materials, and high durability materials will be prioritised to reduce carbon emissions.

Aiming to improve the existing CPNSC



CPNSC site in 1851

## CRYSTAL PALACE NATIONAL SPORTS CENTRE HISTORY

Crystal Palace National Sports Centre (CPNSC) was designed by Norman Engleback and Leslie Martin for the London County Council and opened in 1964.

It was the first multisport facility of its kind in Europe and was designed to accommodate a wide range of sports.

Over the years, CPNSC has been home to various sports and has a rich sporting legacy.

It has hosted innovative sports and facilities including a dry ski slope in the 1960s, beach volleyball, and underwater hockey.

The stadium at CPNSC has hosted the London Grand Prix international athletics events for many years.

## ENERGY EFFICIENT DESIGN

The energy strategy for the proposed CPNSC upgrades includes:

### **BUILDING FABRIC IMPROVEMENTS**

We aim to upgrade the existing buildings with higher levels of insulation to reduce heat loss.

### **GLAZING AND ROOFLIGHTS**

Existing glazing systems and rooflights proposed to be replaced with more energy-efficient alternatives.

### **LIGHTING SYSTEMS**

The existing lighting systems would be replaced with new light fittings and lighting controls to reduce energy consumption.

### **HEATING SYSTEMS**

Inefficient heating systems for space heating and domestic hot water intended to be replaced with more efficient electric systems.

### **COOLING SYSTEMS**

Any existing cooling systems proposed to be replaced with new, more efficient systems.

### **VENTILATION SYSTEMS**

Both primary and terminal ventilation systems proposed to be replaced with more efficient alternatives.

### **RENEWABLE ENERGY**

The design will aim to incorporate renewable energy sources, such as solar panels or wind turbines, to generate clean energy on-site.



Bouldering

## CRYSTAL PALACE NATIONAL SPORTS CENTRE HISTORY

It was one of five National Sports Centres in the UK run by Sport England.

After the construction of the Olympic Park for the London 2012 Olympics, CPNSC was downgraded to "regional" significance by Sport England.

Despite the downgrade, CPNSC continues to play an important role in providing sports and community facilities for South London and the south of England.

This redevelopment project aims to redefine CPNSC in the post-2012 era and secure its sustainable future as a sports, recreation, and community asset.



Badminton in the CPNSC Main Building





Encouraging Movement for Joy

## PROPOSED SCHEME BENEFITS

- Preservation of the iconic Grade II\* listed CPNSC building
- Refurbished sports centre with new health and fitness facilities
- New outdoor athletics and sports facilities, including a 200m outdoor track and an all-weather pitch
- Outdoor hub facilities, including outdoor equipment for sports such as gymnastics, parkour and bouldering
- New indoor athletics facilities, including an improved running straight, throws net and jump pit
- Improved accessibility for users, including enhanced pedestrian routes and more cycle parking spaces
- Multi-million-pound investment for the local community
- Enhanced connection between the sports centre and the park through the new outdoor hub
- A sustainable scheme that could decarbonise the CPNSC, reducing energy demand, increasing energy efficiency, and using renewable energy



Engaging with the public

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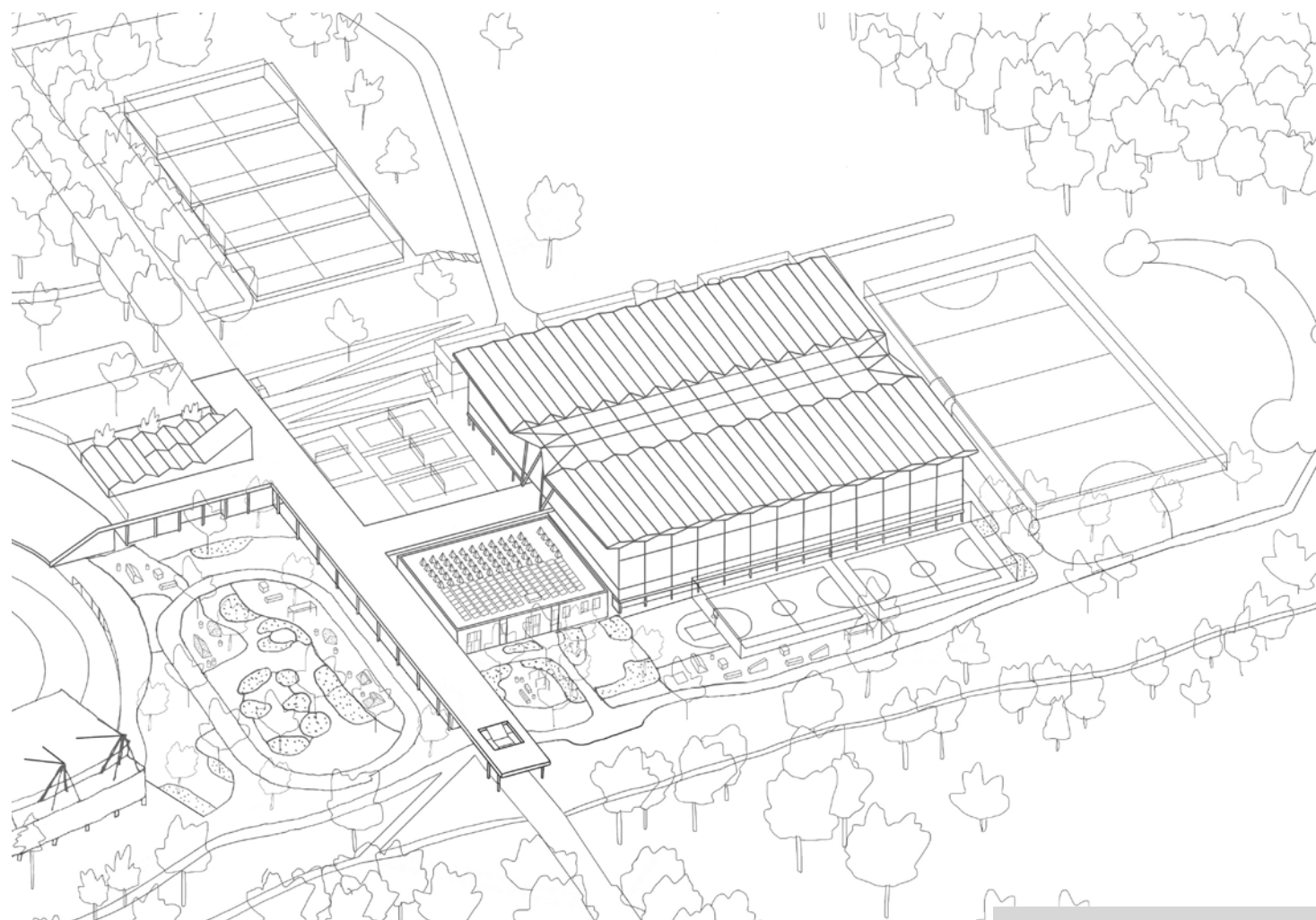
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Emerging CPNSC Masterplan

## PROPOSED TIMELINE

### 20TH JANUARY – 31ST MAY 2024

Engagement period for CPNSC

### SUMMER 2024

GLA submits planning application to the London Borough of Bromley Council for CPNSC Phase 1A upgrades.

### AUTUMN/WINTER 2024/2025

Planning permission and listed building consent determined by the London Borough of Bromley Council

### SUMMER 2025

Construction for the proposed scheme begins

### 2027

First phase of construction completed

### POST-2027

Subsequent construction phases commence

## TELL US WHAT YOU THINK

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Proposed New Facilities for all Ages