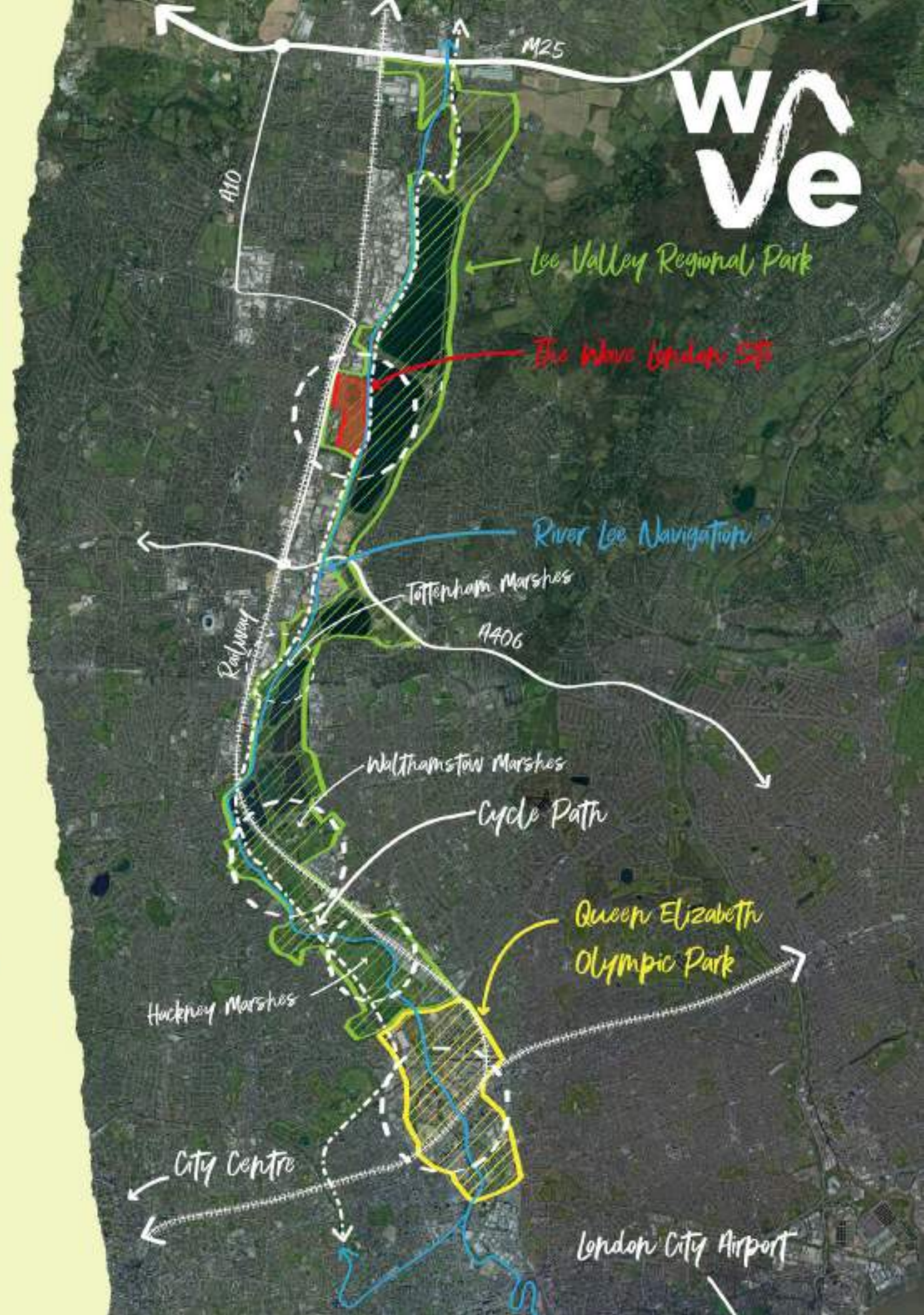


# The Wave Story

Since our Bristol site opened in 2019, The Wave has been giving people of all ages, backgrounds and abilities the opportunity to experience the joy and many health benefits of surfing.

## The Wave - London

The Wave has identified an amazing site just behind the Lee Valley Athletics Centre and within the Lower Lee Valley's Zone of Sporting Excellence. The team is now embarking on creating an incredible destination for local people and Londoners, incorporating an inland surf lake, parkland and fantastic activities for young and old.



# An Overview

**More than a park, The Wave London is a place of discovery, where people of all ages can relax, play, and immerse themselves in a blue-green landscape that restores both body and mind.**

The Wave London is an evolving, living sanctuary, a regenerative parkland where nature, adventure, and well-being flow together. Rooted in the rhythms of water and land, The Wave London seamlessly blends the restorative energy of the wave with biodiverse, accessible landscapes designed for exploration, connection, and learning.

Through responsive design and ecological stewardship, The Wave London transforms urban spaces, seamlessly uniting water, nature, and people to create a one-of-a-kind destination that sparks adventure, enhances well-being, and reconnects communities with the restorative power of the natural world.

## Endless Surf

Endless Surf designs advanced wave technology for surf parks, creating high-quality, programmable waves for all skill levels. Their innovative Swell Studio software allows for the creation of various wave types, enhancing the surfing experience in controlled environments.

## What's Changed?



2022



2025



Since the 2022 masterplan, the major change has been the technology. With Endless, we now have an advanced system that enhances the surfing experience while being more efficient and requiring less infrastructure. This allows for greater space dedicated to parkland, natural landscapes, outdoor activities, and environmental mitigation, reducing the impact on adjacent boundaries. Additionally, we are looking to support and enhance the existing golf offering in the north to improve accessibility and user experience in the future. However, this application focuses on the southern parkland, inclusive campsite, and canal-edge natural habitat enhancements.

Find Out More



Give Us Feedback

# The Masterplan

The Masterplan now consists of 6 character areas



## 1. The Campsite

- a. Communal Courtyard Space
- b. Seasonal / Flexible Camping
- c. VIP Camping / Glamping
- d. Camping, Caravan Spaces
- e. Pop up F&B space / Food Trucks



## 2. The Park

- a. Nature Play
- b. Wildflower Meadow & Picnic Areas
- c. Multi-use Event Space & Recreational Field
- d. View Point



## 3. The Arrival Experience

- a. Arrival Plaza
- b. Blue Green Parking, with Solar
- c. Attenuation Basin
- d. Primary Clubhouse Arrival Path
- e. Skate & Play Route



## 4. The Lakeside

- a. F&B Terrace
- b. Splash Play
- c. Training Areas
- d. The Club House
- e. Back of House & Surf Ops / Workshops



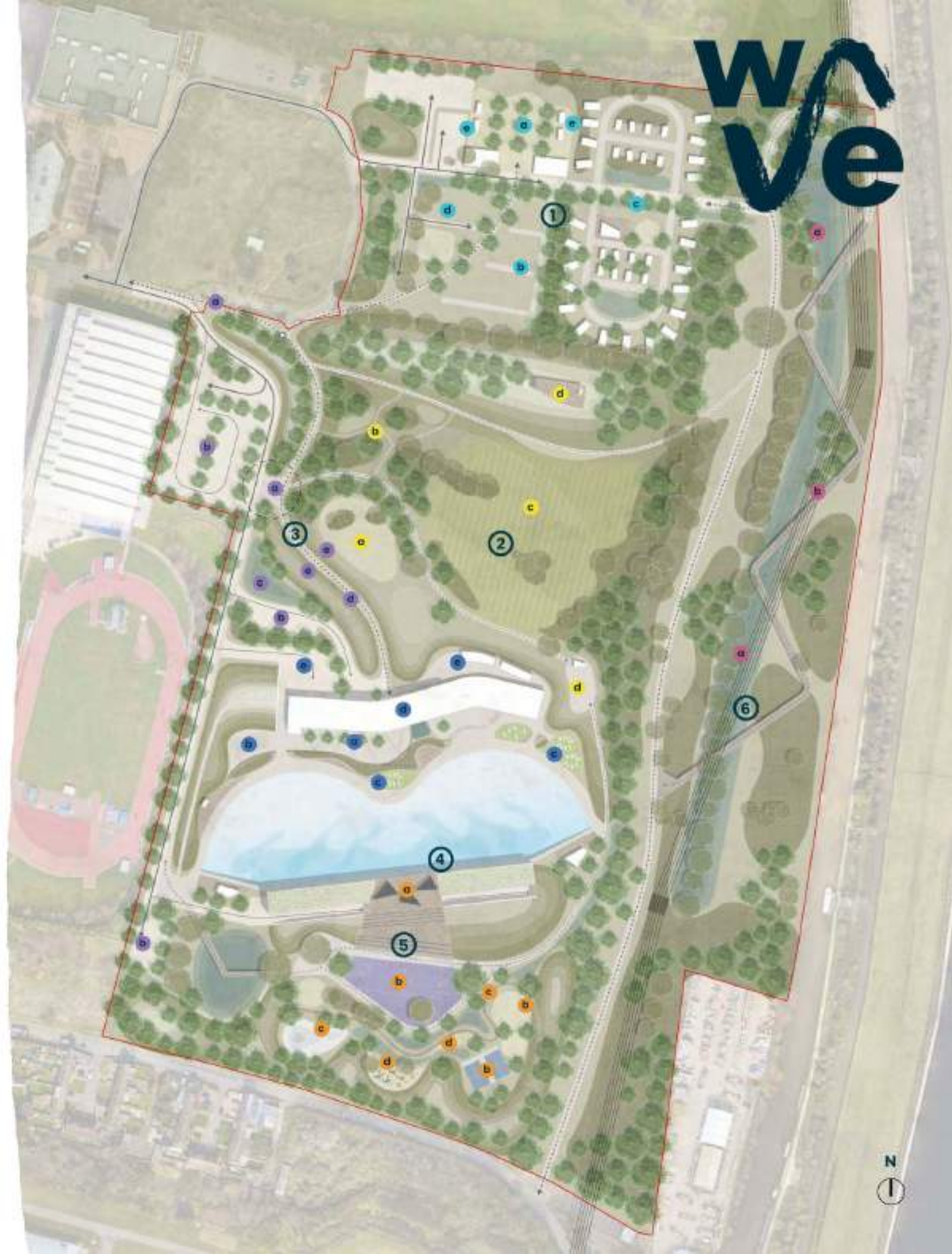
## 5. The Active Park

- a. Viewing Platforms
- b. Multi-Use Games Areas / Sports
- c. Skate / Pump
- d. Adventure Play
- e. Climbing / Bouldering



## 6. The Canal Parkland

- a. Walking Routes (Raised Board walk)
- b. Naturalised Wetland





# Getting It Right



## Protecting the Green Belt

We are going into this project knowing that this is a designated Green Belt site. We will be extremely respectful of the setting and our proposals will encourage outdoor sport and recreation, which is consistent with Green Belt policies. We have a huge opportunity to significantly improve access to this beautiful space while protecting and enhancing the greenery and bio-diversity.

## Car Parking

The site already has a significant car park shared with the cinema, Lee Valley Athletics Centre and a wedding venue. We don't want to add to the need for car parking, but we are realistic about the way people are likely to travel to the site. We really don't want our visitors parking on local roads and we are working with Enfield Council and TFL to explore parking solutions, whilst balancing a desire for The Wave to be a destination that users can travel to sustainably.

## Sustainable Travel

We want to encourage active travel as much as possible and are looking at different forms of cycling including: cyclist infrastructure, e-bikes and dockless bikes. We will actively encourage our customers to use these forms of travel.

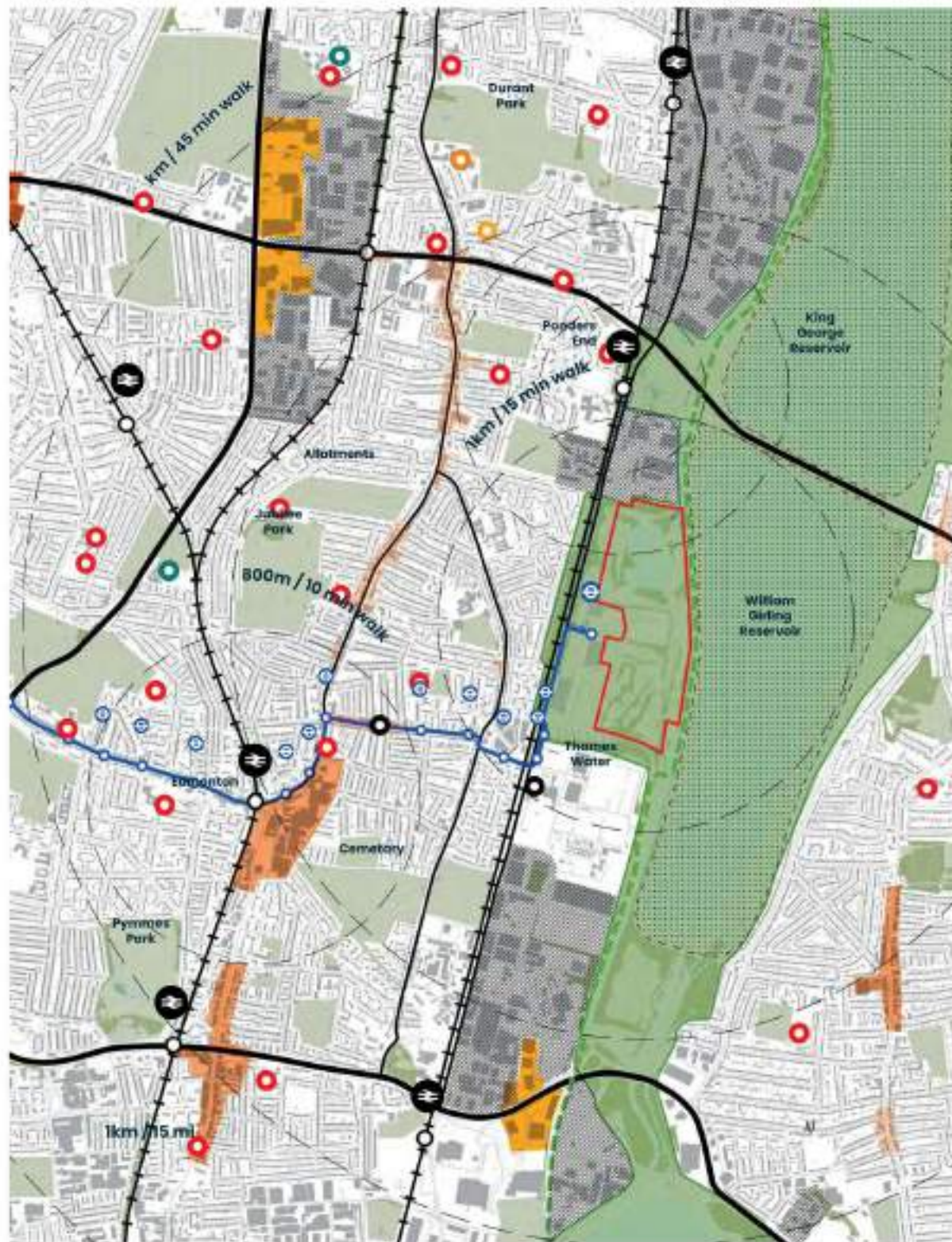
## Noise

We're designing the site to minimise impact to residents, including noise attenuation bunds to help absorb any noise. We will have some outdoor music but we will always be considerate of our neighbours, particularly in Pickett's Lock Lane, and ensure we maintain noise levels at an acceptable level at the site boundary. There will be the noise of plenty of people having fun!

## Lighting

We will be installing lighting around the site, including directional lighting for the lake. This directional lighting reduces any overspill from the areas that are intended to be lit. Photos of our newly installed floodlights in Bristol shows how well this works. Elsewhere around the site we will use low level lighting to ensure safe walking routes and will only light areas that are necessary. We will have no lighting in our canal corridor ensuring that there are truly dark areas retained around the site for the benefits of wildlife and residents.

# Growing Edmonton



## Local Context

- Movement & Access**
  - HOV Routes
  - Walking to Sustainable Transport
  - Primary Roads
  - Secondary Roads
  - National Rail Network
  - Train Station
  - W9 T11 Bus Route
  - W9 T11 Bus Stop
- Landscapes & Environment**
  - The Wave Site Boundary
  - Local Green Space
  - Vegetation / Canopy Cover
  - Ancient Woodlands
  - Green Net
  - Water Bodies
  - Soils
- Culture & Community**
  - Industry / Employment
  - Retail Park
  - Garden Centre
  - Local Centre
  - Primary Schools
  - Secondary Schools
  - Colleges
  - Specialist Schools

## Jobs

As with Bristol, we know that The Wave London will generate a large number and range of jobs – from lifeguards and coaches, to retail and food service staff, to accommodation managers, cleaners and more. We don't have a detailed estimate on number of jobs that will be created as yet, but in high season The Wave Bristol has over 200 team members.

## Local Supply Chain

As part of our sustainability commitments we use local suppliers wherever possible. We love working with independent businesses where we can, and use fresh, local produce within our food & beverage offering.

## Community Access

The Parkland area of the site will be free for any visitors to enter and enjoy, except on special event days. Everyone will be able to visit our clubhouse and watch the surfers in action, but to access the lakeside there will be an admission fee.

## Improved Bio-diversity

In Bristol, we have improved the bio-diversity of the former low-grade farmland the surfing lake was built on, with new trees, hedgerows and wild flower seeding. We have also installed bee hives and 'bug hotels'. We are excited to do even more of this on the London site.

The Wave London will respond to the climate and ecological emergency by creating a biodiverse rich environment – one which celebrates the mature trees, waterbodies and rolling landscape across the site with ideas that will restore, re-wild and regenerate.

Our vision is to create a place where people exist in harmony with local ecosystems, establishing a benchmark for social health, wellbeing and climate resilience. We see this project as 'Greener than the Green Belt' where the majority of the existing landscape will be preserved, enhanced and restored, supporting new leisure facilities and sustainable infrastructure planting the seeds of a Blue-Green Future'.

# Supporting our communities



The Wave has changed many people's lives since opening in Bristol over five years ago



## Values and Access

The Wave team has a clear purpose – to share the benefits of water, waves and nature with people of all ages, backgrounds and abilities. We want everyone who visits us to experience the joy and health benefits of waves and we aim to remove any barriers that exist to accessing this – be that economic, cultural, physical and psychological.

### Waves of Change

Making surfing and its blue health benefits accessible to all, regardless of ethnic background or gender.

### Waves of Growth

Supporting the UK adaptive surfing community and working towards Paralympic inclusion for surfing.

### Waves of Support

Using the power of surfing and the water to improve mental health and wellbeing for the most vulnerable among us.

## Our Impact

The Wave Bristol has already created and supported a number of life-changing initiatives and we want to do all of this and more in Enfield.



### Surfing sessions with young people

in partnership with the Prince's Trust, local schools and community groups.

### Regular surf therapy courses

with The Wave Project.

Breaking down cultural and religious barriers with key partnerships.

### 'Re-wilded'

The Wave Bristol with new trees, hedges, rows, seeding wildflower meadows and beehives.

### Funded surf courses for women

including sessions for Bristol's Muslim community with Open Minds Active.

Developed Sister Sessions to encourage more women to surf & will run 7 women-only events this year.

Hosted English Adaptive Surfing Open for three years and launched our own free adaptive surf club while providing discounts for our adaptive athletes.



# Putting The Planet First



## Powered by 100% Renewable Energy

The Wave Bristol is powered by 100% renewable energy via Good Energy, and we are committed to powering our London waves in exactly the same way.

## Reducing Our Carbon Footprint

With an ambition to achieve a net-zero status once the facility opens, heating and ventilation systems will be constructed with high quality and efficiency.

## Sustainable Building Materials

Construction will always prioritise materials that minimise the impact on our planet, adopting sustainable materials at every opportunity.

## Protecting & Enhancing the Space

The Wave London will respond to the climate and ecological emergency by creating a biodiverse rich environment – one which celebrates the mature trees, waterbodies and rolling landscape across the site. Our vision is to create a place where people and nature coexist in harmony with local ecosystems, establishing a bench mark for social health, well-being and climate resilience. We see this project as 'Greener than the Green Belt', where the majority of the existing landscape will be preserved, enhanced and restored.



# What's Next?



# Our Plan



- Create the first inland surfing destination in London.
- Provide an immersive experience for people of all ages, backgrounds and abilities.
- Open up the beautiful green spaces and lake to more people.
- Deliver new jobs and opportunities for local people.
- Reinvigorate this site with water and waves, an increase in green space and more bio-diversity.
- Work with local people to shape and develop the space.
- Create new pedestrian and cycle routes to and from the site.
- Create places for people to pause and relax, with food and drink facilities for families.

# Tell us what you think

