



OPDC LOCAL PLAN

SUPPORTING STUDIES SUMMARY

DECEMBER 2015

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ROLE OF THIS DOCUMENT

This document sets out a summary of each of the supporting studies that have been developed or are currently in development to inform the OPDC Local Plan. These studies are being developed by the OPDC and by appointed consultants.

It has been developed to help assist in understanding the roles and key recommendations for each of the studies, the following information is provided:

- Document Title
- Lead Author
- Purpose of the Study
- Stage of production
- Key outputs
- Key recommendations
- Links to other studies
- Next steps

It is important that this document is read as a high level summary. For detailed information on each supported study please refer directly to the relevant document.

As part of this public consultation, comments are welcomed on all these draft supporting studies. Following consultation, these studies will be finalised and will be used to inform the second stage of consultation on the Local Plan.

It is worth noting that after the first stage of consultation, additional pieces of work may be identified and these new studies will be prepared as part of finalising the Local Plan.

Document Title	Air Quality Study
Lead Author	AMEC Foster Wheeler
Purpose of the Study	Review of the existing and anticipated air quality issues across the construction and build-out phases of development. This will set out recommendations for mitigation and measures to ensure the highest possible air quality for future residents and workers.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Review of relevant international, national, regional and local policy context and legislation. • Air quality mapping and identification any air quality hotspots within the OPDC area and its surrounds • Identification of policy implications from inside or outside the opportunity areas • Advice on measures and policies to be included within OPDC’s Local Plan and Construction and Logistics Strategy to mitigate threats to air quality and to improve upon baseline figures. • Advice on the need for OPDC to declare a separate management area for air quality given the existing borough’s AQMA designations, and provide advice on the appropriate process for designation.
Key recommendations	<ul style="list-style-type: none"> • Facilitate a network of new roads and streets with priority given to pedestrians, cyclists and buses; • Work with Bluepoint London (BPL) on the local component of the Source London network of electric vehicle charging points, particularly around transport interchanges; • Applying a speed limit of 20mph in residential roads and high streets; • Encouraging green space and infrastructure to help reduce pollutant concentrations and deliver public spaces that encourage walking and cycling; • Where possible, not locating residential units on the ground floor near to the A4000; and • Consider a location for a Freight Consolidation centre.
Relations to other studies	Interfaces with the Park Royal Transport Strategy, the Old Oak Transport Study, Public Realm, Walking and Cycling Strategy, Green Infrastructure Strategy, Smart Strategy Interim Report, the Decentralised Energy Strategy and forthcoming utilities work.
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Character Areas Note
Lead Author	OPDC

Purpose of the Study	Will set out suggested character areas and descriptions of the existing character areas within and around Old Oak and Park Royal.
Stage of production	Draft to be completed to inform Regulation 19 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Suggested boundaries of places and character areas within and around Old Oak and Park Royal to inform place-based guidance • Identification of positive elements of character
Key recommendations	<ul style="list-style-type: none"> • Identify and provide guidance for places within the Local Plan.
Relations to other studies	Interfaces with Park Royal Transport Strategy, the Old Oak Transport Study, Public Realm, Walking and Cycling Strategy, Green Infrastructure Strategy
Next steps	The document will be used to inform the Regulation 19 consultation on the Local Plan.

Document Title	Construction and Logistics Strategy
Lead Author	Transport for London
Purpose of the Study	Provides the overarching construction transport requirements for Old Oak and Park Royal with specific suggestions to improve efficiencies.
Stage of production	Draft to be completed to inform Regulation 19 version of the Local Plan
Key outputs	Identification of interventions required to mitigate the construction impact indicated by the model; including Consolidation Centres, Lorry Holding Areas, Routing and scheduling changes.
Key recommendations	Recommendations are currently in development and will inform the next version of the Local Plan.
Relations to other studies	Interfaces with the Old Oak Strategic Transport Study, the Park Royal Transport Strategy and the A40 Study
Next steps	The document will be used to inform the Regulation 19 consultation on the Local Plan. OPDC will consider the recommendations and will work with TfL, developers, HS2 and Crossrail to implement the interventions identified.

Document Title	Cultural Principles
Lead Author	Greater London Authority
Purpose of the Study	To identify how the OPDC area can contribute to London's cultural offer and position as the world's biggest tourist destination and to become a pro-cultural local planning authority.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Suggested policies for inclusion in OPDC's Local Plan that will support culture. • Recommendations for how OPDC should intertwine culture into its strategies for Old Oak.

Key recommendations	<ul style="list-style-type: none"> • Ensure the Local Plan highlights the importance of culture to the area. • Ensure that character, heritage and culture sit at the heart of placemaking • Develop a Cultural Strategy to further consider opportunities for culture in the OPDC area • Ensure that consultation is meaningful, that it reaches as many people and communities as possible, and that it includes young people and families. • Encourage ‘anchor’ tenants and cultural institutions to locate in the area, and explore options for attracting and retaining creative businesses and affordable workspace
Relations to other studies	Outputs cross-relate to the Retail and Leisure Needs Study, Character Areas note, Old Oak Outline Historic Area Assessment and OPDC’s future Sports and Leisure Study, being produced by OPDC’s Strategy and Programmes directorate.
Next steps	The Strategy is in draft and is available for comment and will be used to inform OPDC’s future Cultural strategy and Sports and Leisure Study. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Old Oak Decentralised Energy Strategy
Lead Author	Greater London Authority
Purpose of the Study	Review of the potential for a decentralised energy network to supply the Old Oak with competitive low to zero carbon heat.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<p>A review to determine the potential for a heat network to supply the Old Oak Common Opportunity Area with competitive low to zero carbon heat. Draft recommendations include:</p> <ul style="list-style-type: none"> • There is potential for a Decentralised Energy (DE) heat network to supply low or zero carbon. • The DE system could be delivered in phases which early indicators show could be based on: Phases 1 and 2 between 2016 – 2025, and Phases 3 and 4 combined from 2025 – 2050. However, more work is needed to develop a comprehensive Utilities and Energy Strategy. • The proposed initial energy production plant would comprise of three energy centre buildings. The energy centres could be consolidated into a single energy centre by 2031 provided the heat network is dimensioned for this duty. • The overall network length would be approximately 8.2km.

	<ul style="list-style-type: none"> • High-level CAPEX for plant and distribution pipework to serve the phases has been estimated at £32.5m.
Key recommendations	<ul style="list-style-type: none"> • Produce an Energy Masterplan once the development quantum is better defined. The EMP should consider energy centre locations and options in more detail which may lead to changes in the proposed energy requirements and network. • Co-ordinate infrastructure operators • Co-ordinate the production of the energy masterplan with other utility planners and interested parties including transport, water, gas, electricity and land developers. • Consider alternative energy sources / technologies • Assess opportunities for the use of other energy sources including energy from waste, heat pumps, and secondary heat sources etc. • Consider connecting to nearby DH networks • Opportunities to connect to the nearby decentralised energy developments proposed at White City and Wembley to be considered.
Relations to other studies	<p>Outputs to inform forthcoming Utilities and Infrastructure Strategy.</p> <p>Outputs to inform and be informed by Green Infrastructure and Open Space Strategy, Public Realm Strategy, Integrated water Management Strategy, and Smart Strategy.</p>
Next steps	<p>The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.</p>

Document Title	Decontamination Strategy
Lead Author	OPDC & Environment Agency
Purpose of the Study	Defines the approach to, and guidance for developers on, dealing with land contamination and remediation.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	The document guides the approach OPDC has taken for the Local Plan decontamination policy.
Key recommendations	<ul style="list-style-type: none"> • Ensure remediation strategies are established for all contaminated brownfield sites that come forward for redevelopment within OPDC • Ensure the risk based approaches to contaminated land management are followed for redevelopment of potentially contaminated land in Old Oak and Park Royal. • Support for sustainable remediation options and promote the use of the CL:AIRE Definition of Waste: Development Industry Code of Practice (DoWCoP).

	<p>OPDC will also explore with waste planners and industry how DoWCoP could be used to establish soil treatment centres to serve brownfield sites within Old Oak , Park Royal and neighbouring development and Opportunity Areas.</p> <ul style="list-style-type: none"> • OPDC will review the opportunities for establishing an overarching strategic Global Remediation Strategy, depending upon the outcome of discussions with government on land ownership.
Relations to other studies	There is an interface with OPDC’s Waste Strategy.
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Development Capacity Study
Lead Author	OPDC
Purpose of the Study	Sets out envisaged development capacity and indicative phasing for housing and commercial uses. Provides information to inform responses to the Call for Sites Consultation running alongside the Local Plan Regulation 18 Consultation.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Inform the locations for housing and commercial uses. • Identification of residential density ranges. • Identification of constraints and solutions for each development parcel. • Provision of indicative development phasing.
Key recommendations	<ul style="list-style-type: none"> • Development densities should be optimised at and around stations. • Highest densities should be provided at and around Old Oak Common Station. • Development densities should respond to sensitive locations within and around the OPDC area.
Relations to other studies	Interfaces with Park Royal Transport Strategy, the Old Oak Transport Study, Public Realm, Walking and Cycling Strategy, Green Infrastructure Strategy, Retail & Leisure Needs Study, Industrial Land Review, Integrated Water Management Strategy and Old Oak Outline Historic Area Assessment.
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Development Infrastructure Funding Study (DIFS)
Lead Author	Peter Brett Associates and Jones Lang LaSalle

Purpose of the Study	To identify: <ul style="list-style-type: none"> - the infrastructure requirements of growth at Old Oak; - when the demands for infrastructure arise; - how much those infrastructure requirements cost; and - how those infrastructure requirements might be paid for.
Stage of production	Completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Current indicative assumptions above land values, abnormal costs including decontamination and sales values; • Assumptions around potential phasing and release of development sites • Necessary transport, social, economic, environmental, utility and physical infrastructure to support the needs of development • Indications of the current day costs of this infrastructure • Potential mechanisms for the funding of the infrastructure • An indicative cashflow diagram showing potential funding gaps and opportunities to finance this.
Key recommendations	<ul style="list-style-type: none"> • There is a need for over £1.5billion infrastructure to support development in Old Oak • CIL and S106 can go some way towards funding this, but other means of funding this infrastructure will need to be investigated • There are significant cashflow issues and the phasing of the infrastructure may need to be reconsidered.
Relations to other studies	The DIFS work has been used as the basis for phasing assumptions in OPDC's Development Capacity Study (DCS). The DIFS work is Old Oak focussed and should be read alongside new studies with a greater focus on Park Royal such as the Park Royal Transport Study and the Public Realm, Walking and Cycling Strategy.
Next steps	The DIFS has now been finalised and its outputs are being used to inform OPDC's work on its Community Infrastructure Levy (CIL) and Section 106 SPD.

Document Title	Green Infrastructure and Open Space Strategy
Lead Author	OPDC
Purpose of the Study	Reviews existing Green Infrastructure (GI) assets, future GI requirements, and identifies opportunities for improving function, connectivity and integration with other infrastructure.
Stage of production	To be developed to inform the Regulation 19 version of the Local Plan.
Key outputs	<ul style="list-style-type: none"> • Review of existing GI/open space assets

	<ul style="list-style-type: none"> • Identification of need arising from development • Identification of potential enhancements to existing assets • Identification of new open spaces and public realm to contribute to the GI network • Identification of how buildings can contribute to the GI network
Key recommendations	No recommendations have been provided to date.
Relations to other studies	Interfaces with Park Royal Transport Strategy, the Old Oak Transport Study, Public Realm, Walking and Cycling Strategy, Integrated Water Management Strategy, Decentralised Energy Strategy, Air Quality Strategy and Smart Strategy interim report.
Next steps	The document will be used to inform the Regulation 19 consultation on the Local Plan.

Document Title	Gypsy and Travellers Accommodation Needs Assessment (GTANA)
Lead Author	Opinion Research Services
Purpose of the Study	Identifies the specific housing needs of the Gypsy and Travellers community.
Stage of production	To be developed to inform the Regulation 19 version of the Local Plan.
Key outputs	Gypsy and Travellers Accommodation Needs Assessment Report setting out: <ul style="list-style-type: none"> • fair and effective strategies to meet the need through identified land for sites. • existing site's capacity and if necessary to provide evidence of the need to increase the number of traveller sites. • approach to working with neighbouring authorities in the housing market area.
Key recommendations	No recommendations have been provided to date.
Relations to other studies	There is an interface with the Strategic Housing Market Assessment.
Next steps	The document will be used to inform the Regulation 19 consultation on the Local Plan.

Document Title	Industrial Land Review
Lead Author	OPDC, Peter Brett Associates, Jones Lang LaSalle
Purpose of the Study	Assesses the current and future supply and demand for industrial land within Old Oak and Park Royal.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Site analysis of over 300 employment sites • Quantitative supply and demand of industrial land

	<ul style="list-style-type: none"> • Market profile and demand for industrial growth sectors • Options for intensifying use of industrial land • Policy recommendations
Key recommendations	<p>Protect</p> <ul style="list-style-type: none"> • Protect industrial uses in Park Royal SIL • Reduce non-conforming uses in Park Royal SIL • Return Park Royal HS2 construction sites to SIL • Development adjacent to Park Royal SIL <p>Intensify</p> <ul style="list-style-type: none"> • Efficient use of industrial land • Reduce road congestion • Intensification pilot projects <p>Expand</p> <ul style="list-style-type: none"> • Adjust Park Royal SIL boundary • Light industrial floor space in Old Oak • Manage industrial floorspace within the region • Industrial space design and planning guidance <p>Support</p> <ul style="list-style-type: none"> • Business relocation • Low carbon transition • Local procurement • Business listing and online forum
Relations to other studies	Interfaces with Park Royal Transport Strategy, Public Realm, Walking and Cycling Strategy, Retail & Leisure Needs Study and other OPDC strategies in development including the Socio-Economic Regeneration Strategy.
Next steps	The Review is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Integrated Impact Assessment (including Habitats Regulation Assessment Screening)
Lead Author	Arcadis (incorporating Hyder Consulting)
Purpose of the Study	Integrates the following impact assessments of the Local Plan to meet European and national requirements and best practise approaches : <ul style="list-style-type: none"> • Sustainability Appraisal and Strategic Environmental Assessment; • Health Impact Assessment; • Equalities Impact Assessment; and • Habitats Regulations Assessment
Stage of production	Draft completed to assess Regulation 18 version of the Local Plan following Scoping Report Consultation.
Key outputs	<ul style="list-style-type: none"> • Sustainability Appraisal and Strategic Environmental Assessment: Process for assessing the social, economic, and environmental impacts of the Local Plan

	<p>and aims to ensure that sustainable development is at the heart of the plan-making process.</p> <ul style="list-style-type: none"> • Health Impact Assessment: high-level assessment of the possible health impacts of the Local Plan. • Equalities Impact Assessment: high-level assessment of the possible equalities impacts of the Local Plan. • Habitats Regulations Assessment: A HRA screening exercise will be undertaken to determine if the Local Plan would generate an adverse impact upon the integrity of a Natura 2000 site (for the OPDC area, these are Richmond Park and Wimbledon Common).
Key recommendations	<ul style="list-style-type: none"> • Ensure the contents of the draft Local Plan consider, support and enhance: <ul style="list-style-type: none"> ○ the component environmental, social and economic elements of sustainability ○ equality for all ○ physical, mental and emotional health and well being • Ensure the contents of the draft Local Plan are screened for any impact on Natura 2000 sites.
Relations to other studies	Interfaces with all other evidence base studies through their input into the draft Local Plan.
Next steps	The Assessment is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Integrated Water Management Strategy
Lead Author	AECOM Global
Purpose of the Study	Review of water infrastructure requirements for water demand, drainage, and flood risk (including OPDC's Strategic Flood Risk Assessment). Provides options and costs for integrated water management.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • A strategic assessment of current major redevelopment proposals in the Counters Creek catchment highlighting key opportunities and constraints. • A strategic level flood risk assessment of the OPDC area. • Assessment of baseline water demands, sewage production and rainfall runoff for the development using the OAPF information. Estimates for water demand and sewage and rainfall runoff production for a range of scenarios. • Review of the capacity and performance of the existing infrastructure. Information on infrastructure capacity and performance highlighting when and where incapacity will lead to failures in levels of service.

	<ul style="list-style-type: none"> • Assessment of individual building and communal scale opportunities to sustainably manage potable water, sewage, drainage and flood risk needs of the OPDC area using an integrated approach. Assessment includes the options and options appraisal process; and the preferred strategy. • An assessment of the 'smart' technology opportunities to enable scalable, robust and long-term sustainable water management. • Report detailing costs, implementation mechanisms and timings for the preferred strategy and how the costs could be proportionally shared by the developers.
Key recommendations	<ul style="list-style-type: none"> • For water management, a range of options are identified at both strategic and site level for managing surface and storm water run-off, and for disposing of waste water. These include the need for a centralised sustainable drainage system, in addition to site specific measures. • For potable water, recommendations include the need for rainwater harvesting and greywater re-use to achieve as close as possible to neutrality in water use.
Relations to other studies	Outputs to inform Utilities and Infrastructure Strategy Outputs to inform and be informed by Green Infrastructure and Open Space Strategy, Public Realm Strategy, and Old Oak Decentralised Energy Strategy.
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan. The document will inform the OPDC Infrastructure and Utilities Strategy in 2016 in regard to options for delivering water infrastructure sustainably, cost-effectively and in an integrated way with other infrastructure across the area.

Document Title	North Acton Station Feasibility Study
Lead Author	Transport for London
Purpose of the Study	This study investigates the options for enhancing the capacity and accessibility of North Acton station and the options for improving the permeability of the site.
Stage of production	In draft
Key outputs	<ul style="list-style-type: none"> • A phased delivery plan which includes making the station DDA compliant, increasing the capacity of the station and providing a connection to the station from the north.
Key recommendations	<ul style="list-style-type: none"> • North Acton station is expected to be subject to significant additional demand due to the large scale development that will surround the station. • The existing station is already straining under current demand. As such reconfiguration to provide both additional capacity and step free access is key.

	<ul style="list-style-type: none"> Improving accessibility from the north is fundamental as development comes forward.
Relations to other studies	Interfaces with the Old Oak Strategic Transport Study and the Park Royal Transport Strategy
Next steps	Further development of the proposal to feasibility design stage which will include additional structural considerations and refinement of the costs and phasing.

Document Title	Old Oak Outline Historic Area Assessment & addendum
Lead Author	Historic England
Purpose of the Study	Inform the development of planning policy for Old Oak and the designation of local heritage assets.
Stage of production	Completed
Key outputs	<ul style="list-style-type: none"> Summary of historical development Identification of designated and undesignated potential heritage assets Identification of designated assets whose settings may be affected by development within Old Oak.
Key recommendations	<ul style="list-style-type: none"> Suggested heritage assets to be locally designated including the Cumberland Park Factory conservation area.
Relations to other studies	Interfaces with Green Infrastructure and Open Space Strategy, Character Area Note, Development Capacity Study.
Next steps	The Assessment will inform the development of a Park Royal focussed heritage assessment.

Document Title	Old Oak Strategic Transport Study
Lead Author	Transport for London
Purpose of the Study	Provides a strategic assessment of the existing transport provision in Old Oak, the impact of the planned future growth on the transport provision and identification of the transport interventions required to mitigate those impacts.
Stage of production	Completed.
Key outputs	<ul style="list-style-type: none"> A review of the existing performance of transport modes in Old Oak Analysis of future demand and its impact on the transport modes Identification of interventions required to improve existing performance and to mitigate the impact of future demand on transport modes.
Key recommendations	<ul style="list-style-type: none"> New London Overground Stations at Hythe Road and Old Oak Common Lane Willesden Junction station improvements and bridge over WCML Potential Crossrail 1 to WCML link Improved frequencies on London Overground Increased bus frequencies and new routes

	<ul style="list-style-type: none"> • New highway connections • A package of highway ‘quick wins’ • A package of measures to improve conditions for walking and cycling • A package of demand management measures to ensure a reduced car mode share
Relations to other studies	Interfaces with the Park Royal Transport Strategy, the Public Realm, Walking and Cycling Strategy and the Smart Strategy Interim Report.
Next steps	Some of the interventions in the study are being developed in more detail, including investigating funding mechanisms.

Document Title	Park Royal Transport Strategy
Lead Author	SDG
Purpose of the Study	Strategic assessment of the existing transport provision in Park Royal, the impact of the planned future growth on the transport provision and identification of the transport interventions required to mitigate those impacts.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • A review of the existing performance of transport modes in Park Royal • Analysis of future demand in Park Royal and its impact on the transport modes • Identification of six packages of interventions required to improve existing performance and to mitigate the impact of future demand on transport modes.
Key recommendations	<p>Emerging recommendations include:</p> <ul style="list-style-type: none"> • providing transport networks that enhance the communities they serve and help local business to operate and grow, both now and in the future. • interventions for a variety of “Planning”, “Demand Management”, “Highway Interventions” and “Public Transport Improvements”.
Relations to other studies	Interfaces with the Old Oak Strategic Transport study, Public Realm, Walking and Cycling Strategy, North Acton study and the Smart Strategy Interim Report.
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan. A preferred package of interventions will be defined and developed in more detail including work with stakeholders develop and prioritise a shortlist of interventions. This will include detailed costings of each intervention and how they can be funded.

Document Title	Public Realm, walking and cycling Strategy
Lead Author	Consultant to be appointed

Purpose of the Study	Provides a framework for delivering an exemplar sustainable, accessible urban environment for Old Oak and Park Royal with high quality public realm and where walking and cycling are comfortable, convenient, safe and efficient choices for people to move around the local area.
Stage of production	To be developed to inform the Regulation 19 version of the Local Plan.
Key outputs	<ul style="list-style-type: none"> • Walking & Cycling Assessment • Public Amenity Space Assessment • Public Realm Assessment • Public Realm Strategy • Infrastructure Delivery Plan
Key recommendations	No recommendations have been provided to date.
Relations to other studies	Interfaces with Park Royal Transport Strategy, the Old Oak Transport Study, Integrated Water Management Strategy, Decentralised Energy Strategy, Character Area Note, Green Infrastructure and Open Space Strategy, Air Quality Strategy and Smart Strategy interim report.
Next steps	Development of Strategy to inform Regulation 19 version of the Local Plan

Document Title	Retail and Leisure Needs Study (RLNS)
Lead Author	Peter Brett Associates
Purpose of the Study	To identify the quantitative need for retail and leisure uses in the OPDC area and make recommendations for qualitative measures
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Identifies quantitative retail and leisure need and its likely impacts on the surrounding retail hierarchy • Identifies the required town centre hierarchy to deliver this retail and leisure need • Identifies case studies showing best practice retail developments and particularly affordable retail and meanwhile retail • Identifies qualitative measures for inclusion in the Local Plan
Key recommendations	<ul style="list-style-type: none"> • There is a quantitative need for approximately 65,000sqm of A-class uses in the OPDC area in the Local Plan period (the next 20 years). • A new town centre hierarchy is established, with a potential major town centre along and around Old Oak High Street, a neighbourhood centre in North Acton and a Neighbourhood Centre in Park Royal • Within the plan period, 52,500sqm of A-class uses should be provided in the new Old Oak High Street Major Centre, with 5,000 each in the North Acton and

	<p>Park Royal neighbourhood centres</p> <ul style="list-style-type: none"> • A series of policies should be put in place to ensure a high quality of retail that supports placemaking, including the delivery of affordable retail space, support for other town centres and flexibility in unit uses and sizes.
Relations to other studies	Outputs cross-relate to the Cultural Principles, Development Capacity Study, Public Realm, Walking and Cycling Strategy and OPDC's future Sports and Leisure Study, being produced by OPDC's Strategy and Programmes directorate.
Next steps	The study is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Smart Strategy Interim Report
Lead Author	#HyperCatCity
Purpose of the Study	Review of how contemporary and emerging technologies can shape the Local Plan and the development of Old Oak and Park Royal in relation to transport, public realm, utilities and climate change mitigation/adaptation.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan. Final Smart Strategy will be developed for the Regulation 19 Version of the Local Plan.
Key outputs	<p>Identification of:</p> <ul style="list-style-type: none"> • Key opportunities • Key challenges • Use classes <p>Provision of initial recommendations to inform Local Plan development</p>
Key recommendations	<ul style="list-style-type: none"> • Deliver a secure and open, interoperable digital environment. • Utilise technology and digital systems to: <ul style="list-style-type: none"> ○ assist in the planning, delivery and management of development ○ create opportunities and address challenges ○ enhance quality of life for residents, employees and visitors • Incentivise the growth of emerging smart city economic sectors. • Embed flexibility and agility in the built and natural environment alongside infrastructure to accommodate

	<p>change.</p> <ul style="list-style-type: none"> • Explore and support the use of emerging transport modes to enable understanding of the impacts on the built environment and address challenges specific to: <ul style="list-style-type: none"> ○ Addressing congestion ○ Enabling mobility for all ○ Supporting efficient freight movement ○ Managing waste • Establish and manage an urban digital platform. • Require the use and delivery of the most recent Building Information Modelling data for development and infrastructure proposals. • Deliver integrated utilities infrastructure that is planned and managed through sensors to increase efficiencies and minimise disruptions to the public realm. • Consider using appropriate technology to improve and support the safety of people and the wider built environment. • Make use of emerging construction techniques to support the delivery of resilient low-carbon and energy efficient buildings and spaces that help to actively address pollution.
Relations to other studies	Interfaces with Park Royal Transport Strategy, the Old Oak Transport Study, Public Real, Walking and Cycling Strategy, Green Infrastructure Strategy, Waste Strategy, Integrated Water Management Strategy, Decentralised Energy Strategy, Air Quality Strategy.
Next steps	The Report is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Strategic Housing Market Assessment (SHMA)
Lead Author	Opinion Research Services
Purpose of the Study	Identifies the objective housing need and the required supply to meet this need.
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<p>Estimates of:</p> <ul style="list-style-type: none"> • Range of current dwellings • Analysis of housing market trends, including balance between supply and demand • Total future number of households • Current number of households in housing needs • Future households requiring affordable housing or market housing • Sizes of affordable housing required • Household groups who have particular housing requirements

Key recommendations	<ul style="list-style-type: none"> • The emerging SHMA has identified a substantial need for affordable housing in the OPDC authorities (LB Brent; LB Ealing; LB H&F) • The ‘full objectively assessed need’ for affordable housing is 45,500 housing in OPDC authorities. • It will be important to maximise the amount of affordable housing that can be delivered through market housing led development. • Economic viability will determine the amount of affordable housing that individual schemes are able to provide.
Relations to other studies	There is an interface with the GTANA and Development Capacity Study.
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.

Document Title	Waste Strategy
Lead Author	OPDC
Purpose of the Study	To demonstrate how OPDC can help the three host local authorities meet their waste apportionment targets, in accordance with paragraph 5.80 of the Mayor’s London Plan
Stage of production	Draft completed to inform Regulation 18 version of the Local Plan
Key outputs	<ul style="list-style-type: none"> • Identifies existing waste sites in the OPDC area. • Identifies OPDC’s adoption of the West London Waste Plan, which deals with apportionment targets for the London Boroughs of Brent and Ealing. • Identifies ability of sites in the Old Oak to meet the London Borough of Hammersmith and Fulham’s apportionment
Key recommendations	<ul style="list-style-type: none"> • The Powerday waste site should be safeguarded to meet the London borough of Hammersmith and Fulham’s waste apportionment. • The Local Plan should promote energy from waste to ensure that waste treated in the OPDC area is recycled within the area • OPDC should support the relocation of waste operators on sites not being safeguarded.
Relations to other studies	Outputs cross-relate to the Decentralised energy strategy and will inform OPDC’s Utilities and Infrastructure Strategy
Next steps	The Strategy is in draft and is available for comment. Necessary revisions will be made following public consultation before the document is finalised to sit alongside the Regulation 19 consultation on the Local Plan.