Lancaster West Future Neighbourhood Partnership Board

14:00-15:00, Thursday, 29 February 2024





Welcome to the first Lancaster West Future Neighbourhood Partnership Board of 2024

An opportunity to update on locally delivered projects under the four themes from the Future Neighbourhood Vision:



Sustainability and a greener estate



Education and economic development



Health and wellbeing



Connected communities

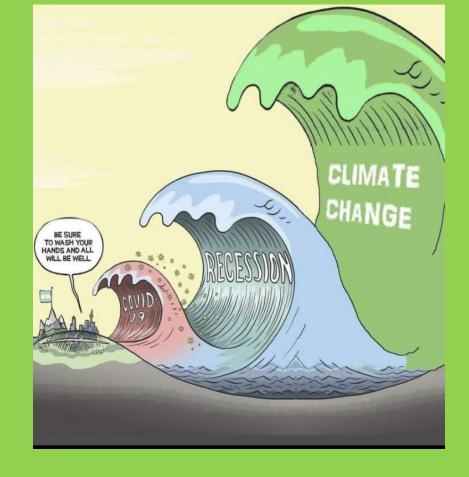
14:00-14:05	Welcome	
14:05-14:15	Schools Retrofit Programme	
14:15-14:30	Notting Dale Future Neighbourhoods 2030:Update on Phase 3 Funding and Strategy	
14:30-14:40	Employment and Training	
14:40-14:50	Green Skills Academy	
14:50-14:55	Looking ahead: The Partnership in 2024	
14:55-15:00	Any other business and close	

RBKC Climate Change Retrofit Accelerator Programme

Presented by:

Anca Giurgiu | Senior Climate Change & Sustainability Manager RBKC Climate Change Team

Email address: anca.giurgiu@rbkc.gov.uk





Retrofit Accelerator – schools programme

- Climate emergency ambitious targets: Council to be net zero carbon by 2030 as an organisation and the Borough to be carbon neutral by 2040.
- Lead by example: 32 schools (Council run and faith schools) across Kensington and Chelsea & Council owned operational buildings to be net zero and operated efficiently by 2030.
- Buildings highest sources of emissions (electricity and gas consumption): 19% operational buildings; schools 9% and Council housing stock 57%.
- In December 2021 signed up to the **GLA's Retrofit Accelerator Framework for Workplaces** to improve energy efficiency of buildings and accelerate decarbonisation.
- Key action in the Council's Climate Emergency Action Plan (2022-2027).



Sector	2018/19 (ktCO₂e)	% of total emissions	
Council-owned housing	14.6	57%	
Operational buildings	4.9	19%	
School buildings	2.2	9%	
Streetlighting	1.3	5%	
Leisure centres	1.2	5%	
Waste collection and			
transport	1.1	4%	
Contracted services -			
transport	0.1	0.5%	
Contracted services -			
facilities	0.1	0.4%	
Council fleet	0.07	0.3%	
Council business travel	0.007	0.03%	
Total	25.5 kt CO₂e		

Climate Emergency Action Plan overview

Built Environment & Energy

- Retrofit Council owned buildings (including Housing) by 2030.
 Whole life retrofit . fabric first approach.
- Replacing gas boilers with low carbon heating systems.
- Install 1MW of public community owned solar in the next 4 years on public buildings.
- · Renewable heat network at Lancaster West.
- · New major developments to be net zero.
- · Audits and retrofitting school buildings.
- · Support fuel poor residents.



Sustainable Transport & Travel

- Encourage active travel.
- Work towards no diesel cars parked on our roads by 2030.
- Upgrade existing cycle routes to provide higher levels of service and improved public realm.
- Cycle Training.
- Council fleet to be electric by 2030.
- Support businesses to reduce their emissions from deliveries by use of zero emission vehicles and e-cargo bikes.
- Bike by default -require zero emission and electric or hybrid vehicles as a default for any courier or taxi booking for people or deliveries.



Places & Greener Borough

- · New community kitchen garden projects.
- Install energy gardens on tube stations starting with North Kensington.
- Plant more trees across the borough.
- Increase access to and connection with nature by identifying and addressing the barriers faced by the people living and working in the Borough. Reduce the inequalities in access to green space.
- Expand the bee superhighway project across the borough.

Climate Emergency Action Plan 2022–2027

Become a net zero carbon organisation by 2030 Become a carbon neutral borough by 2040

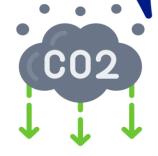
Leading by example

- Environmental charters for businesses and schools.
- Pilot innovative refurbishment and leading-edge refurbishment at Lancaster West estate to help with becoming a model net-zero carbon estate by 2030.



People & Partnerships

- Develop a Green Champions Network across the borough.
- Create an Environmental Coalition /Steering Group.
- Offer free carbon literacy training to residents and businesses.
- Deliver training programme for young people 16 -19 yrs old.



Waste & Circular Economy

- Reduce waste generation and increase recycling rates.
- Encourage all major developments to submit a circular economy statement.

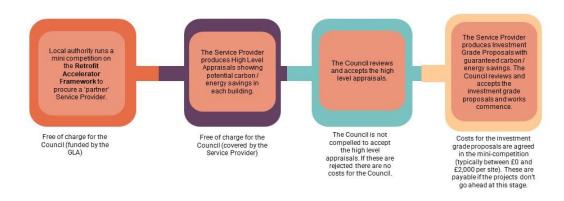


Mayor of London Framework

- Managed by Turner and Townsend free technical, financial and procurement advice for large retrofitting programmes + access to an OJEU compliant framework of 16 experienced energy service providers.
- Mini competition: Asset Plus appointed in August 2022 as the supplier to deliver the programme.
- Timeline: Multi-annual programme with Phase 1 completed by March 2024.
- 32 community and denominational schools and 5 main operational offices included initially, but extended since then.
- Initial Desktop analysis results: 70% annual energy savings and 2,900 tonnes of CO2e reduction.
- The energy consumption for all 37 buildings is: approx. £1,284,534 and 9,175,243 kWh per year for electricity and 12,865,229 kWh and £514,609 per year for gas
- Council committed to invest £14mil towards this programme from capital fund.

Standard retrofit:	Energy cost	Payback	Energy	CO2 savings
Estimated capital	saving per	period	savings	per year
investment	year		per year	
required				
£2,790,000	£540,000	8.4 years	22%	1000 tonnes
				of CO2e

How Retrofit Accelerator works (simplified)



Deep retrofit:	Energy	Payback	Energy	CO2 savings
Estimated capital	cost	period	savings per	per year
investment	saving per		year	
required	year			
£14,070,000	£930,000	24 years	70%	2,900 tonnes of
				CO2e

Governance

- The Retrofit Accelerator Programme is a cross-partnership programme overseen by three RBKC departments:
 Cleaner Greener and Cultural Services/Climate Change Team, Children Services and Social Investment and Property Departments.
- Weekly operational meetings with Council relevant officers + GLA + Asset Plus and Evonic (suppliers).
- A monthly RBKC Net Zero Board organised and chaired RBKC Director for Cleaner Greener and Cultural Services) with representatives/members from key Council departments such as Finance, Social Investment and Corporate Property, Children's Services, Procurement, Legal and Planning.
- Monthly updates and policy board meetings organised and reports submitted for the RBKC Lead Member for Planning,
 Place and the Environment and Lead Member for Family and Children Services.



Retrofit Accelerator – Overview

Phase 1 – 8 buildings prioritised

6 Schools:
Thomas Jones Primary
Avondale Park Primary
Colville Primary
St Francis of Assisi
Primary
All Saints Catholic
College

2 Council
operational
buildings:
Chelsea Sports
Centre
Chelsea Old
Town Hall



- Inefficient school buildings with average EPC D and E, and some of them were built more than 140 years ago.
- Boilers need replacement urgently (Avondale Park (boilers damaged by flooding operating on a temporary boiler), St Francis of Assisi (boilers are at the end of their lifetime), Bevington schools – failing boiler and corrosion problem.
- Key measures solutions for all sites: Heat pumps 100% off gas solution.
- Other measures investigated: LEDs, fabric measures insulation, glazing upgrades, heating controls, solar PV plus battery storage.







Retrofit Accelerator – funding secured

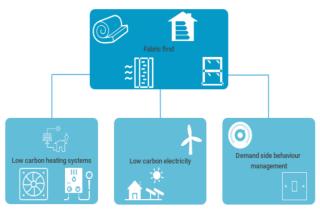
Type of funding	Delivery deadline	Amount	Buildings
External Public Sector Decarbonisation Fund 3b	March 2024	£3,654,475	4 schools Avondale Park, All Saints, St Francis of Assisi and Colville + 2 Council operational buildings Chelsea Old Town Hall and Chelsea Leisure Centre
Mayor of London Future Neighbourhoods 2030 programme	March 2023 Request extension till the summer	£350,000	Five schools: Avondale Park, All Saints, St Francis of Assisi, Colville, Thomas Jones
Internal Green Fund	Ongoing	£150,000	Five schools: Avondale Park, All Saints, St Francis of Assisi, Colville, Thomas Jones
Internal Capital Fund	Ongoing - multiannual funding	£14,000,000 £3,300,000	37 buildings – 32 community and denominational schools and 5 Council operational buildings Replacement of windows in 3 schools – Avondale, Colville and Park Walk
Carbon offset fund	Ongoing	£500,000	Schools

Retrofit Accelerator costs

Building/school name	Measures	Costs without provisional sums	Tonnes C02 savings versus baseline	Savings over project lifetime tCO2e
All Saints Catholic College	North Block: 2 x 86 kW York Amichi water to air heat pumps and 2 x 111kW South Block: 2 x 75 kW York Amichi water to air heat pumps and 2 x 97 kW Thermocold water to water heat pumps. Thermocold water to water heat pumps.	1,491,093.00	71.60	1431.00
Avondale Park	x6 Co2 air to water heat pumps and new pipework A Block: 4 x 75 kW Clade Acer Co2 Heat pumps. B Block: 2 x 75 kW Clade Acer Co2 Heat pumps.		78.90	1577.00
	2 x 125 kW Carrier Co2 air to water Heat pumps + repairing and replacement pipework and radiators.	1,731,496.00	53.80	1076.00
Colville Primary School	2 x 75 kW Clade Acer Co2 Heat pumps	1,110,016.00		1147.00
St Francis of Assisi Catholic Primary School	2 x 75 kW Clade Acer Co2 Heat pumps		26.20	523.00 Figu
Primary School	North Block: 2 x 86 kW York Amichi water to air heat pumps and 2 x 111kW Thermocold water to water heat pumps. South Block: 2 x 75 kW York Amichi water to air heat pumps and 2 x 97 kW Thermocold water to water heat pumps.	702,915.00	21.50	429.00
Chelsea Old Town Hall & Cheslea Sports Centre	x5 Co2 heat pumps in an air source simultaneous cooling and		172.40	3448.00
Total			481.80	9,631



Figure 20: Strategy for decarbonising buildings



Avondale Park Primary

Avondale Park Primary

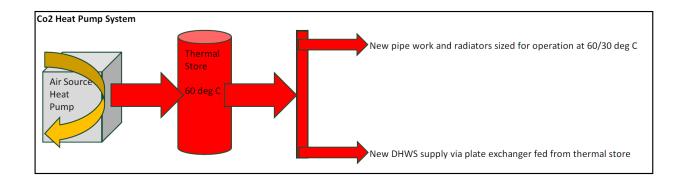
Large school set (approx. 340 students) within a residential area. Two buildings - Blocks A & B with their own gas and power supplies.

The heating distribution system was a mix of single and 2 – pipe system. Two plant rooms with one serving each block.

A - Block - There are currently no boilers installed in A Block as these were damaged by a flood and deemed beyond repair.

B - Block - Heating is provided by 1 x Hoval 154 kW boiler which supplies all the block's heating and

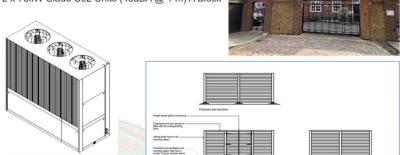
hot water demands. There are two hot water tanks.







- Avondale Park Primary School W114EE
- Two buildings –A Block and B Block
- Installation of two separate heat pump systems comprising of:
- > 4 x 75kW Clade C02 Units (48dBA @ 1 m) A Block
- 2 x 75kW Clade C02 Units (48dBA @ 1 m) A Block



Boilers



Water Tanks



St Francis of Assisi Primary

St Francis of Assisi Catholic Primary School is a small school set within a residential area. There are circa 170 students.

The main building consists of a 2-storey brick structure with pitched concrete tile roof areas built in circa 1980's.

There are 4 x Regency 54 kW Boilers. None of these boilers are working or repairable. There is a new 24kW domestic gas boiler that has been installed to provide hot water services.

The proposed system will comprise the following:

- 2 x circa 75 kW air to water units to deliver water at up to 60/30 deg C to the general space heating network.
- Replacement of radiators with high surface area low temperature units.

Boilers





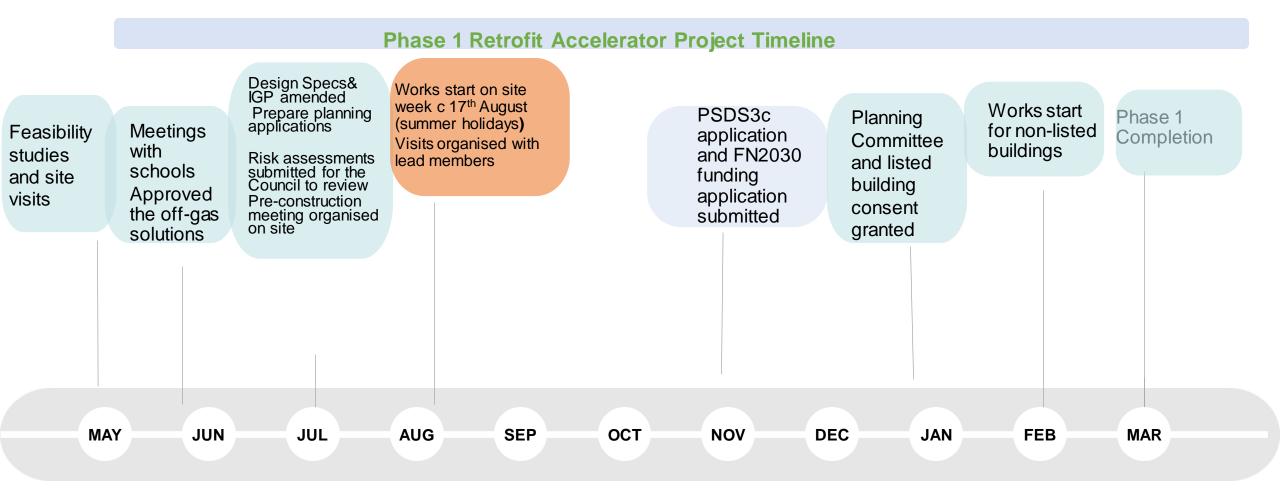


ACER MODELS //

Low Noise Model



Retrofit Accelerator Programme Roadmap



What we will achieve

CO2 savings

481 CO2 savings and over 9600 tCO2e over lifetime

+1000

Pupils and staff benefitting

+8 buildings retrofitted 100% off gas systems
Buildings retrofitted

29
Heat pumps installed







Challenges and lessons learned

Retrofit Accelerator Programme

What worked well?

- Support and buy-in from the Council and schools.
- Strong partnership
- Funding secured
- Experienced supplier
- Retrofit Accelerator Framework

Challenges

- All IGPs amended and design changed from hybrid solutions to off-gas solutions with costs increased.
- 1 year programme very short timeline to deliver complex works.
- Need to ensure schools have temporary heating in place. Some schools had no functional heating system.
- Health and safety main works during school half terms to avoid disruption.
- UKPN electrical upgrades high costs and delays.
- Listed building consent required.







Notting Dale Future Neighbourhoods 2030: Phase 3 Overview

Batool Zalkha

SUPPORTED BY

MAYOR OF LONDON



Notting Dale Future Neighbourhoods 2030: Overview

Programme:

Notting Dale is one of only 2 neighbourhoods in London selected as part of the Mayor of London's Future Neighbourhoods (FN) 2030 programme to deliver a range of environmental pioneering projects, alongside the development of a community-led environmental strategy.

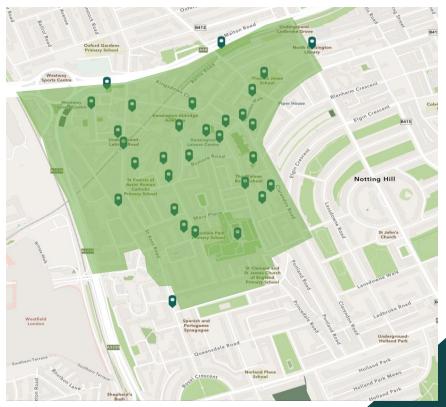
Aim

Transform Notting Dale into an exemplar model of an econeighbourhood that is greener, fairer, and more climate resilient by 2030.

Co-Benefits

- •Tackling social & health inequalities.
- •Addressing the cost-of-living crisis.
- •Improved health and well-being.
- Tackle fuel poverty.
- •Create green jobs.





Notting Dale Future Neighbourhoods 2030: Funding

Phase 1

- Funding:
 - Mayor of London: £1.42 million
 - Council & External: £1.6 million
- Deliverables:
 - 30+ projects
 - Community-led environmental strategy

Phase 2

- •Funding:
 - Mayor of London: £784,420
 - Council & External: £2.375 million
- •Deliverables:
 - 12+ projects

Phase 3

- •Funding:
 - Mayor of London: £1,250,000
 - Council & External: £ £5,5 million
- •Deliverables:
 - 16 projects

We will do this by:



Taking a fabric first approach to decarbonising buildings, and providing clean, green, local energy to move towards net-zero by 2030.



Improve air quality,
health and wellbeing,
and grow a network of
"garden estates" and
green corridors
accessible for everyone.



Co-design with residents a strategy to ensure we deliver a thriving local circular and green economy, with new jobs, skills and high levels of engagement.



Notting Dale 2030 Future Neighbourhood Strategy

SUPPORTED BY

MAYOR OF LONDON



Phase 3 Projects Informed By Future Neighbourhood Strategy And **Engagement With Local Communities**

Engagement

Engaging +135

Residents

+200

Surveys involving residents, workers, and volunteers in Notting Dale

+50 **Stakeholders Consulted Community Roadshows Through Extensive Stakeholders Engagement** Sessions Eco-Neighbourhood

The Structure of the Strategy

Intro

- 1.1 Notting Dale eco-neighbourhood
- 1.2 Who is this strategy for?
- 1.3 About Notting Dale

Vision

2.1 A Vision for Notting Dale Future Neighbourhoods 2030

3 Pillars

- 3.1 Affordable living solutions and energy-efficient buildings
- 3.2 Clean air, active and healthy streets
- 3.3 A green and climate-resilient environment
- 3.4 Sustainable practices driving a thriving economy
- 3.5 Sustainable, vibrant spaces and empowered communities

- 4 Actions
- 5 How was the strategy created?
- 6 What comes next?

Appendices

Phase 3 Projects Align With Our Neighbourhood Strategy

Notting Dale will be the UK's largest econeighbourhood, sustainably supporting happy, involved, and empowered people through equal access to:

Sustainable practices driving a thriving economy

Vibrant spaces and empowered communities

Clean air, active streets

Affordable living solutions and

A green and climateresilient environment

Affordable living solutions and energy-efficient buildings

Phase 3 Overview

SUPPORTED BY

MAYOR OF LONDON



Our Partners

Phase 3

5

Themes

16

Projects

32

Partners

28

Letters of support

+5000

Residents potentially participating





Urbanwise. London











Allom & Barlow RA























BROWNBABY











Phase 3 projects dive-in



What we will achieve: Fabric First: Notting Dale Goes Net Zero

Theme 1 key outputs

Council's owned Social Housing Retrofitting & Energy Advice for Residents

Schools Retrofit - The Route to Decarbonisation for local schools

ofitted

Buildings Retrofitted

193

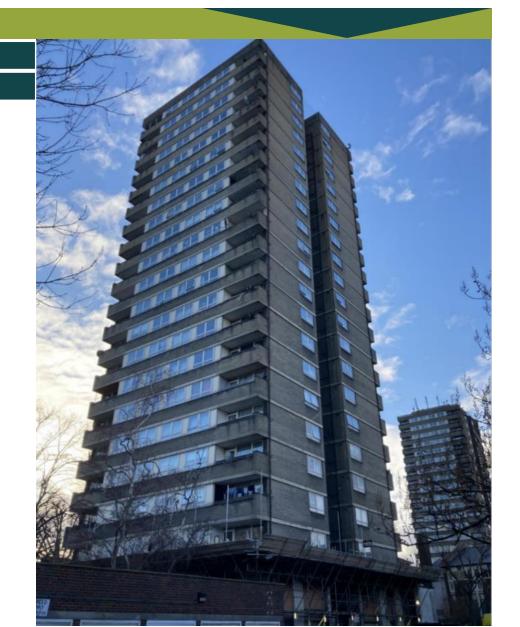
Tonnes of CO2 Saved per year

2

Employment opportunities through the energy advice initiative

640 MW/h

of energy savings



What we will achieve Powering Up for the People: Generating Clean, Green and Local Energy

Theme 2 key outputs

Establishing Local Energy Silchester with North Kensington Community Energy

Solar PV at Clarendon Walk & Talbot Walk

Make your community building greener and energy efficient & Sharing Spaces initiative

228

Residents directly participating

KWp per year New renewable installed capacity locally

64

MW/H Renewable energy generated locally

23

553

Training and workshops held

310

Volunteer hours dedicated to projects





What we will achieve: Creating a cleaner and healthier Notting Dale

Theme 3 key outputs

Environmental Schools Project

Air quality project with Westway Trust

Active Travel Enhancement

+2000

Residents directly participating

38

Training and workshops held

900

m2 draining to sustainable drainage systems (SuDS)

~50,000

£ Reduction in disruption caused by flooding events





AND CHELSEA

What we will achieve: Building a Notting Dale Nature Recovery Network

Theme 4 key outputs

Eco-Scape & Resilient Drainage Initiative: Enhancing Biodiversity & Reducing Flood Risks within Housing Estates and across Notting Dale

Notting Dale Community Green Spaces & Wellbeing

Notting Dale Railway Station Gardens at Latimer Road Station and Ladbroke Grove

+2800

M₂ of publicly accessible green space

2500

M₂ of priority habitat created

+740

Residents directly participating

Training and workshops held

38 kshops

340

Volunteer Hours dedicated to the projects





What we will achieve:

Delivering new Green Jobs and Skills in a Circular Economy

Theme 5 key outputs

Green Skills Academy - training and new green jobs for adults and young people in Notting Dale

Future Neighbourhood Sustainable Legacy

Sustainable business programme and sustainable community market in Notting Dale

Circular Economy Initiatives across Notting Dale

Empowering Youth and Communities

+50

M₂ of publicly accessible green space

+30

Jobs paying at least London Living Wage

+1800

Residents directly participating

+150

Training and workshops held

+720

Volunteer Hours dedicated to the projects



THE ROYAL BOROUGH OF KENSINGTON AND CHELSEA

Discover more →

Be Part of Notting Dale's journey into an exemplary Eco-Neighbourhood

Contact us to discover how → Nottingdale2030@rbkc.gov.uk





Employment and Training Khadra Ibrahim and Abbas Dadou





Employment and Training Fair

On 30 January, 200 residents attended an Employment and Training Fair with 31 partners.







- Live vacancies
 across a
 variety of
 different
 sectors!
- On the spot employment support!
- Short talks from experts!

Employment and Training Fair: Outcomes



81% of partners described the event as "excellent" and said they'd be very likely to attend a fair in the future.



9 local residents signed up to LancWest Works after attending the fair.



One resident described the fair as a "Fantastic event! I thoroughly enjoyed meeting with all the companies and the talks were brilliant!"



Local organisation Goldfinger shared **three positive outcomes** for residents, detailed on the next slide.

Employment and Training Fair Case Study: Goldfinger

Anisa

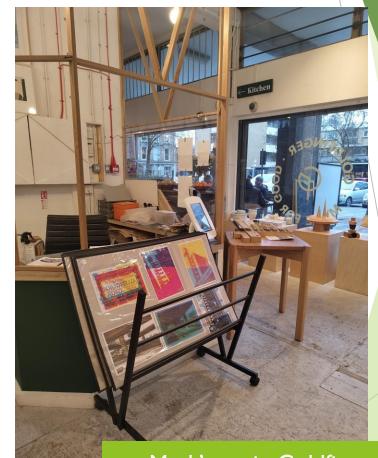
- Invited to the workshop for 1:1 career guidance and mentoring,
- Introduced to two local initiatives and signposted to support for finding employment in the industry.

Aaron

- Offered a 1:1 portfolio review with a Designer Maker,
- Will receive 1:1 mentoring with Head of Design and Production.

Mark

 Since the fair, Mark was offered the opportunity to sell his own selection of prints in Goldfinger's showroom which are now on display.



Mark's art in Goldfinger's showroom

Employment and Training **Hub: Spring** Schedule

Abbas Dadou





Apprenticeship support

Garden Cafe Ilam - Ipm Ongoing



COMMUNITY



Employability support

Unit 30 3pm - 5pm Ongoing





GrenRise advocacy support

Unit 38 10am -2pm

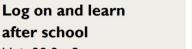
7 Mar - 27 June











Unit 38 3 - 5pm









Introduction to GSA



So far: 2021 - 2022



Sustainability
Series launch

The GSA opens with the Sustainability Series – a monthly learning session for staff and residents.





Retrofit Coordinator training

Partnering with Retrofit
Academy, the GSA enroll first
RBKC cohort on retrofit
coordinator training



Passivhaus and retrofit training

Over 30 staff and contractor staff sent on CarbonLite,
Passivhaus and general retrofit training



Housing's Path to Net Zero

Partnered with BSI to design a bespoke net zero course. In total, 72 Housing Management staff attended.



SHDF Funding

An allocation of over £15,000 from the Social Housing Decarbonisation Fund reserved for Green Skills



£25,000 GLA funding secured to expand the Green Skills Academy training offers



£10,000 allocation of the Housing Management staff learning and development budget



So far: 2023 - 2024



Outputs



Training highlight

Design your way to net zero

Business decarbonisation and sustainability training.
North Kensington SMEs were invited down to the
Design Museum, attending alongside companies like Mars.



100% of respondents rated the training as highly or extremely useful

100% of respondents said the training was highly or extremely likely to make their business more sustainable

100% of respondents said they would not have been able to attend without GSA support.



The day was packed full of very useful information and insights [..] it helped my planning for net zero and I am grateful the opportunity to attend the training.





I couldn't wait to get back to the office and share with my colleagues and already started brainstorming how we can start planning towards a net zero goal as well as how we can start promoting the subject more.



2024 expansion

Developing a shared vision for Green Skills across the borough

Through increased visibility and collaboration across Council teams, national and local partners. This will avoid duplicated work, with the Green Skills Academy signposting to all local opportunities.

Offering in-person built environment courses with accredited qualifications

In our Baseline Studios training spaces, predominantly centred around Retrofit and Energy Efficiency.

Our refurbishment programme will be used as a case study, with contractors offering careers advice and opportunities.

Running sustainable lifestyle workshops with our local partners

In areas that have been identified by our residents, such as gardening, repairs, upcycling, energy awareness and more. Some opportunities will be co-hosted, or GSA will shine a spotlight on local offerings where already established





Upcoming courses

Green living course Making environmentally friendly domestic products	Lifestyle	Residents	February – April
Electrical repairs workshop Learn to fix broken or slow electrical goods and appliances	Repairs	Residents	Monthly
Energy Awareness (Level 3) Fixing broken or slow electrical goods and appliances	Built environment	Residents Staff	Rolling
Introduction to Retrofit Pre-cursor to a Level 2, providing a taster to Retrofit	Built environment	Residents Staff	Late Spring course
Retrofit Coordinator Level 5 qualification for Project Managers and project teams	Built environment	Staff	Rolling
Domestic Energy Assessor Level 3 retrofit and energy advice qualification	Built environment	Residents Staff	Rolling
Bike Maintenance Beginner,Intermediate and Level Courses in bike repairs	Repairs	Residents	Throughout year
Decarbonisation for businesses Carbon tracking and reduction for local SMEs	Decarbonisation	Local SMEs	October



Get involved

Local partners

- Refer residents onto our courses
- Attend organisation decarbonisation training, or staff training in giving energy advice to residents.
- ☐ Greenskillsacademy@rbkc.gov.uk

Council colleagues

- Refer residents onto our courses
- Get involved in the Green Skills discussion and shaping the future of the Green Skills Academy

phoebe.cramer@rbkc.gov.uk



Looking ahead: The Partnership in 2024

Invites have been sent out for meetings taking place over the rest of 2024:

- Thursday, 29 February 2024,
- Thursday, 30 May 2024,
- Thursday, 29 August 2024,
- Thursday, 28 November 2024.

Thanks to those who provided updates in February's eNewsletter!

Lancaster West

Future Neighbourhood Partnership eNewsletter



Welcome to the first of four Lancaster West Future Neighbourhood Partnership eNewsletters scheduled for 2024.

It's an opportunity to hear more about initiatives being delivered by partners on and around Lancaster West Estate.

Join February's board meeting

Invites have been sent out to the next Lancaster West Future Neighbourhood Partnership Board taking place on:

Thursday 29 February 2024, 2pm - 3pm on Microsoft Teams or at Unit 38, Baseline Business Studios, Whitchurch Road, W11 4AT.

Please let me know if you are anticipating to attend in person as capacity is limited in the space.

Join the meeting here

Unit 38 is home to our in-house Employment and Training Hub, set up as the priority project through the Future Neighbourhood Vision.



Would you like your own e-waste collection point?

How to get involved



FNV Exemplar Projects

Education and Economic Development

Employment and Training Hub

Community Market

Library of Resources

Community Pavilion

Health and Wellbeing

Sensory Garden

Sports Areas

Wellbeing Centre

Timber Outdoor

Gym

Activity Trail

Adventure Playground

Sustainability and a Greener Estate

Community Gardens

Food Growing Spaces

Greening of community spaces

Library of Things

Repair Shop

Fuel Support Hub

Connected Communities

Cycle/Scooter Parking

Services Hub

Lighting Improvements

Play Streets

Community Centre

Neighbourhood Totems

Art Crossings

Status

9 projects delivered so

far!

Delivered

Delivery in Progress

Not yet started

Any other business?

Thank you! Next Meeting: 30 May 2024

For more information about the Future Neighbourhood Vision



https://www.wearewll.org/en/lancaster-west-neighbourhood-vision

Follow us!



@lancasterwestneighbourhoodteam

