



Together we can make
Islington net zero carbon
by 2030



ISLINGTON

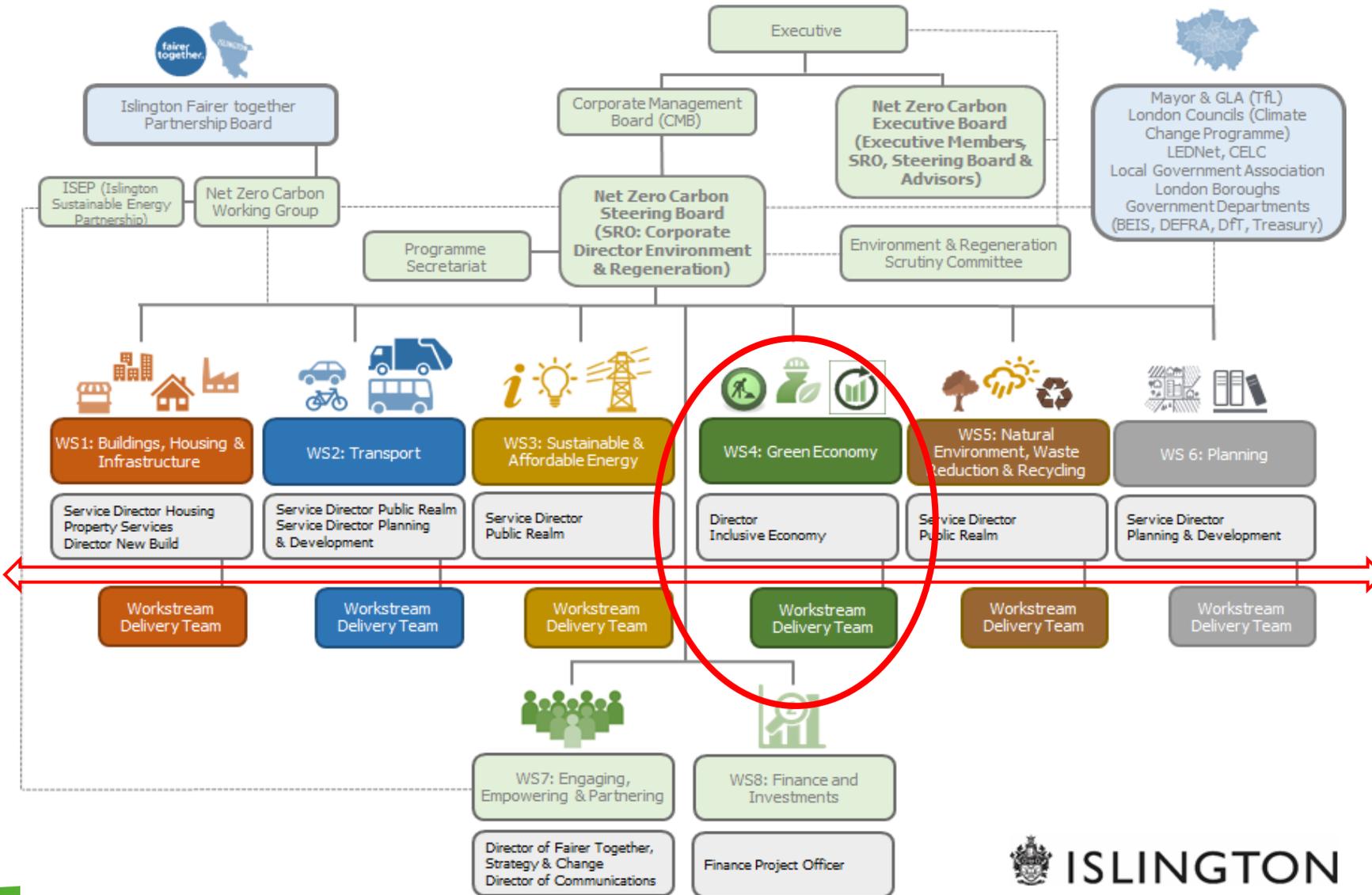
Environment and Regeneration Scrutiny Committee

Net Zero Carbon Programme:
Green Economy work stream update

8 March 2021



Net Zero Carbon Programme Governance Model



Programme Governance

Net Zero Carbon Steering Board

- Fortnightly meetings
- Attended by work stream directors
- Provide steer on development of the strategy
- Sign off detailed scoping documents for each of the workstreams

Senior Responsible Officer

- Keith Townsend

Programme manager

- Timi Ashaye

The Green Economy ambition

From the **Creating a Net Zero Carbon Islington by 2030** strategy document:

To retain a healthy economy and the businesses that provide the goods, services and employment opportunities that we need, we have to **move towards a low carbon, more resource-efficient economy** that has fewer adverse effects on the environment. As well as **existing businesses becoming greener**, we need to support the **creation and development of new businesses** that will provide the technologies, innovations, goods and services of a low-carbon future.

‘Net zero’ has to become the way we run our economy.

The ‘green economy’ has been defined as those **industries that contribute toward ecological sustainability**, especially through the reduction of carbon emissions, as well as the adoption of broader sustainable resource use practices. There are six key sectors: renewable energy, green building, clean transportation, waste management, land use and green financing.

We need to create **a new generation of jobs** in the industries and infrastructure we need to tackle the climate crisis, and a workforce that will be able to contribute to and benefit from a new green economy. We want to create good jobs for our residents, support businesses to succeed and attract investment by developing the sub-regional green industry sector and enable all other sectors to reduce their CO2 emissions to zero.

We believe that greater ownership by employees and democratic corporate governance are central parts of the economic rebalancing that is essential for the UK’s long-term prosperity. As a growing sector of our economy, the green economy provides more market space for **innovative ownership structures that promote meaningful employee participation**. Over the coming years, we will work with social enterprises, voluntary organisations and co-operatives to grow alternative businesses.

We know that we need to position our **residents to be skilled for these new sectors**, and we are working with our colleges and universities to develop a new workforce for the green industrial revolution. Similarly, we will work with our trade unions and employers to ensure that workers are supported to transition to a green economy, and that no one is left behind in the transition.

Journey towards a Green Economy Strategy



1. Beginning to define the Green Economy

Work underway:

- ✓ Collaborating on two pieces of pan-London work and research with London Recovery Board and Central London Forward
- ✓ Initiated discussions with UCL to organise an expert roundtable to interrogate emerging research and its application in Islington

London Recovery Board:
9 missions including Green New Deal

Recovery Mission:



Tackle the climate and ecological emergencies and improve air quality by doubling the size of London's green economy by 2030 to accelerate job creation for all.

The green new deal means how London will:

- Get London's buildings to net zero emissions
- Modernise our public transport, make our city greener and better able to cope with the impacts of a warmer climate
- Build the economic, industrial and political foundations so London's green economy can grow.

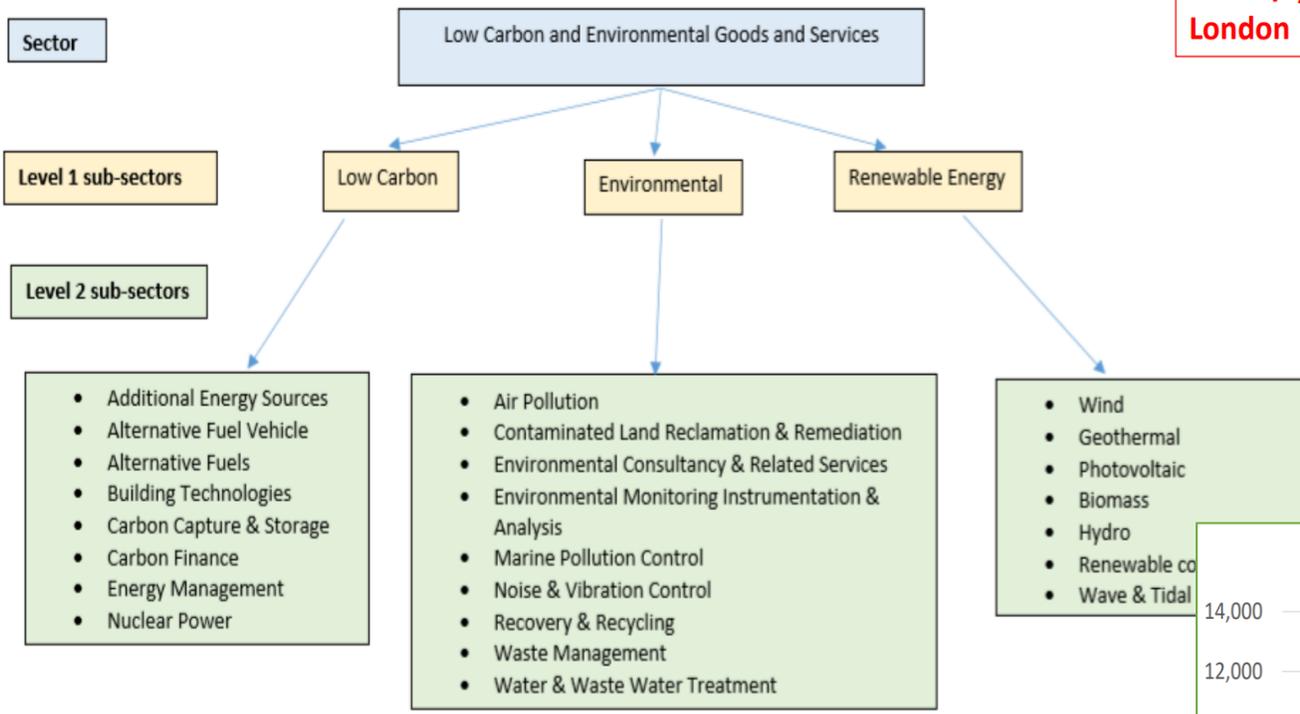
Central London Forward research commissioned:

- To form a shared understanding and establish a **definition of 'green jobs' and 'green skills'** in central London.
- To analyse **current and future needs for green jobs and skills** in central London, to analyse and present data on what green jobs matching the green jobs definition are available now and project future green jobs in central London.
- To analyse and **present the skills and qualifications** that will be required for our residents to be employed and to make progress in these green jobs opportunities. As well as this, we want to understand the **barriers to people entering green jobs**.

To be completed by end of May 2021.

Worth £47 billion/ year to London

2. Research: what is the shape of the Green Economy in London?

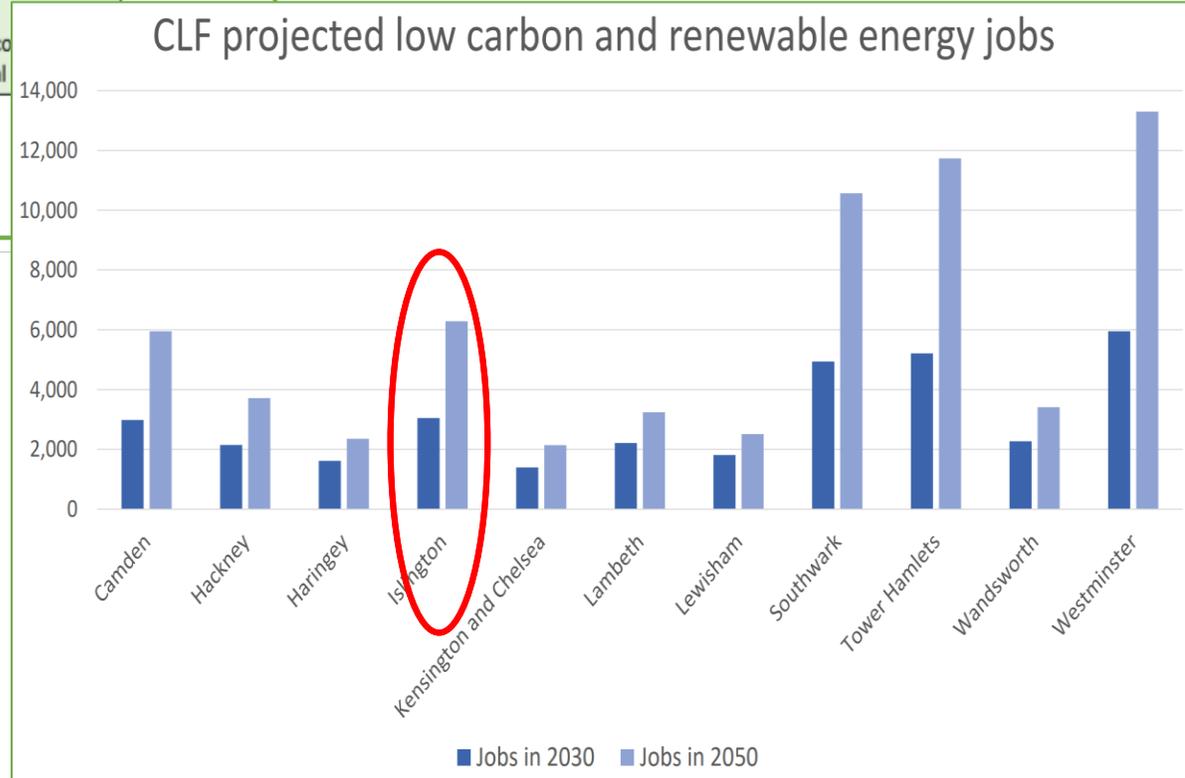


London's five largest sub-sectors in LCEGS, accounting for 69%

1. Carbon Finance (£12.77bn)
2. Wind (£4.14bn)
3. Geothermal (£4.06bn)
4. Building Technologies (£3.28bn)
5. Alternative Fuels (£3.07bn)

Next six largest sub-sectors, accounting for a further 26%:

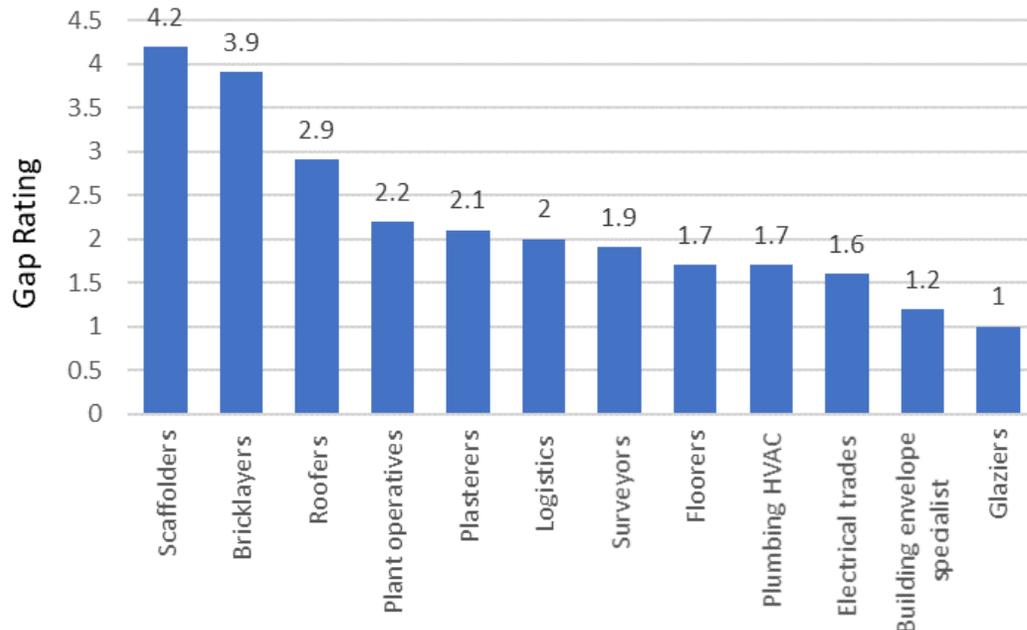
6. Photovoltaics (£2.33bn)
7. Alternative Fuel Vehicle (£1.88bn)
8. Water Supply and Waste Water Treatment (£1.74bn)
9. Biomass (£1.61bn)
10. Waste Management (£1.54bn)
11. Recovery and Recycling (£1.22bn)



3. Scanning for early opportunities – green jobs and skills

Key points:

- GLA projections for London (Skills Strategy) indicate new demand of **3,400** and a replacement demand of **10,300** for construction sector over the period 2014-24.
- Therefore, there is opportunity for additional training and recruitment into the sector, at scale.
- Gap rating represents the multiple of demand for particular trades as a proportion of the existing workforce – i.e. a demand of 4.2 scaffolders for every 1 employed.



CITB (2017) Construction Skills Gaps Analysis for the GLA.

Work underway:

- ✓ Emerging collaboration with Housing on a **‘Green Skills for Housing’** programme, across their repairs, new build and retrofit programmes:
 - ✓ Embedding green skills and job requirements in contracts as part of new build programme
 - ✓ Supporting Property Services team to determine skills required for pipeline of retro-fitting work across borough, commissioned through UCL
 - ✓ Initiated discussion with Camden Council to extend partnership at King’s Cross in readiness to meet demands of both Councils’ planned retro-fitting works
 - ✓ Initiated discussions with Capital College Group (CANDI) and London Met Uni to increase availability of green skills and ‘bolt-ons’ for construction jobs
 - ✓ Developing partnership with K&M McLaughlin to establish a local construction academy for green skills
- ✓ Across Net Zero programme, working with colleagues, to direct green jobs and apprenticeship opportunities through to iWork

4a. Scoping policy for green business

Work underway:

- ✓ Need to define policy framework to enabling SMEs to be green.
- ✓ Early stakeholder engagement through networks in town centres and other bodies such as the Islington Sustainable Energy Partnership and Angel BID, to grow wider collaboration with small/medium businesses. Some early work identified includes:
 - ✓ Supporting green economy initiatives and adaptations, through energy grants, Shop Local promotion and Cargo bike delivery schemes on the High St
 - ✓ Partnership with affordable workspace operator Fashion Enter to reduce 'fast fashion', promote circular economy and increase skills to enable 'on-shoring'
 - ✓ Secured £1m funding from GLA to improve public realm and air quality at Chapel Market. Project to be delivered as part of recovery programme for street markets, by end March 22
 - ✓ Commissioned affordable workspace at Ray Building, Farringdon with City University to support social impact businesses. Carbon reduction advice to small and micro businesses part of contracted Social Value delivery
 - ✓ Initiated planning with local education institutions and affordable workspace operators to facilitate Net Zero hackathons
- ✓ Needs to be pulled together into coherent policy framework to support local SMEs – both to enable SMEs to be greener, as well as develop new low-carbon businesses



4b. Scoping partnerships

Work underway:

- ✓ Included in the new Progressive Procurement Strategy 2020-27, as part of the Council's Social Value requirements
- ✓ Integrated net zero targets into draft Anchor Institutions framework

Carbon Reduction: We want to ensure that those we commission to deliver goods and services are promoting carbon reduction throughout the supply chain. We will embed robust guidance and criteria on the need to actively promote this as part of our assessment in awarding contracts.

Our new **Progressive Procurement Strategy 2020-27** sets out our ambitions for maximizing social value through commissioning and procurement. Social Value criterion has a 20% weighting in award decision.

The council is a major economic player in the borough. We spend around £650m on commissioning goods and services through external providers and supply chains.

This will include activities linked to carbon reduction – as a contractor, as an employer, and in the local supply chain – incentivising businesses to implement net zero policies. As a corporate priority, this will be **integrated into the new Social Value guidance** that is being developed for commissioners in the Council.

Developing an Anchor Institutions Strategy

While the Council can have impact by adopting a Progressive Procurement approach, we can achieve much more by working closely with local strategic partners.

In the emerging Anchor Institutions Framework, Net Zero features across its four core areas of impact:

- As an **employer**
- As a **purchaser**
- As a **landlord and asset manager**
- As a **leader**

By bringing together like minded, locally rooted organisations, we can collectively work towards our 2030 net zero ambition – through common targets for 'greening' the borough's supply chain and zero carbon buildings across the public estate.

Next Steps

Work over next 6 months:

Strategic

- Interrogate emerging research pieces and continue to evolve the **Green Economy strategic framework**, as well as Islington **Skills Recovery Strategy**
- Appoint dedicated **Green Economy officer**

Green jobs and skills

- Launch **Responsible Sector initiative** with construction partners to promote Social Value in the sector, including carbon reduction initiatives and green skills development
- Continue to support apprenticeships as a result of S106 agreements, and increase pathways for green skills, accreditation and employment
- Initiate the business development programme for **Chapel Market**, which includes a ‘green business’ dimension and reducing delivery journeys

Green businesses

- Investigate **local circular economy initiatives**, as part of the recovery programme, for local high streets and secure external funding
- Commission innovative eco-delivery service in Finsbury Park, to develop an alternative model for **e-bike delivery services**
- Commission a borough-wide **eco-friendly food delivery service** which provides job opportunities for local chefs, whilst reducing delivery journeys
- Explore opportunities for **‘last mile’ delivery hubs** in borough and secure external funding for implementation
- Increase awareness of a **‘sharing economy’**, working with VCSE organisations to encourage and incentivise a circular approach to the use of resources, including a ‘Library of Things’

Green collaboration

- Develop **engagement with commissioners** and local Supply Chain (potentially with health care providers) to examine opportunities to improve carbon reduction outcomes, on upcoming contracts
- Agree a **common ambition across anchor institutions** on carbon reduction, as part of anchor institution network
- Develop **work with local universities to promote innovation** in carbon reduction and opportunities for local students in growth sector, including facilitating hack-a-thons; seed-funding start-ups; research projects; and work experiences