

Climate Emergency

Overview and Scrutiny Spotlight

Dan Jones, Director of Public Realm



What this presentation will cover



- Net zero carbon reduction achievements to date
- Our declarations and commitments
- ***A Cleaner and Greener Future for Tower Hamlets*** - Mayor's pledges and MABCC
- Climate change governance arrangements
- Energy projects
 - Energy Fund
 - Energy Efficient Homes
 - Barkantine Heat and Power
- Key challenges and risk
- How OSC can add value



Net Zero carbon achievements



The Council has reduced its emissions by **22%** since declaring a climate emergency in 2019.



We have awarded **11** Community groups **£198,000** to reduce carbon emissions across the borough



We have installed **351** electrical vehicle charging points across the borough



We have invested **£5.5m** to start greening our fleet



Boiler Replacement Programme **£840,000**



SME Energy Efficiency Grants Programme **£845,000**



Since 2019 the council purchases **100 per cent** renewable electricity



100% grant funded **32** schools with a total of **£940,000** to carry out energy efficiency works



We've removed all **plastic cups** from our offices



We are part of the **Solar Together London**, a group buying scheme for London Councils for purchasing solar panels and battery storage for homeowners



A Cleaner and Greener Future for Tower Hamlets

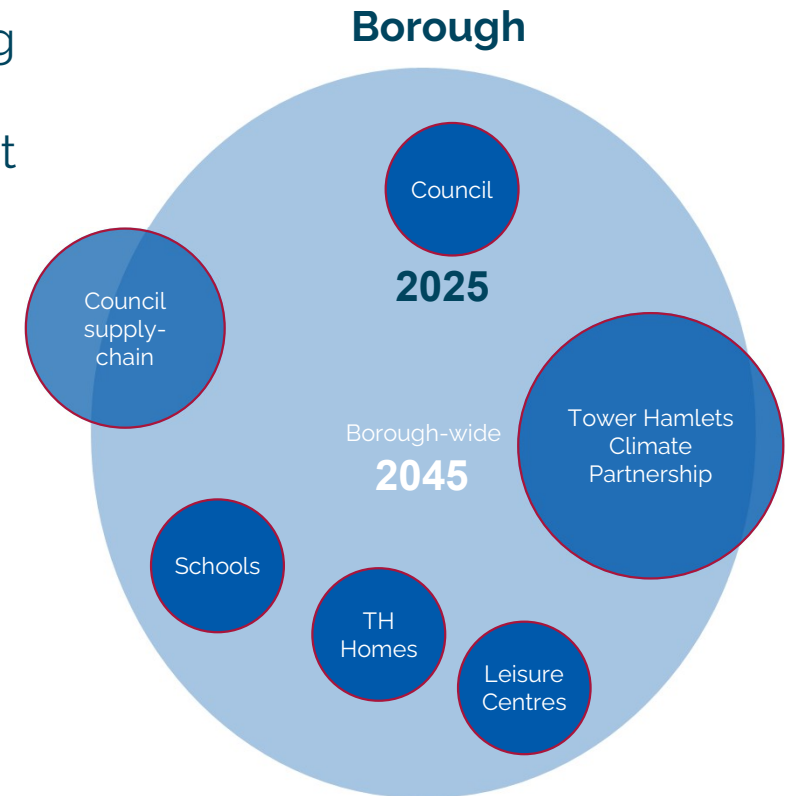
Net Zero Carbon - current commitments



- 75% reduction in council emissions by 2025, and offsetting residual 25% to achieve Net Zero Carbon
- Legislation requires Net Zero Carbon by 2050 at the latest

Key opportunities:

- Local supply-chains
- Green skills and jobs



The best of London
in one borough



Mayor's Advisory Board for Climate Change



Cleaner &
Greener Future
for Tower Hamlets

Mayor's Climate
Advisory Board

The Mayor's
Energy Fund

The Mayor's
Waste
Management
Taskforce

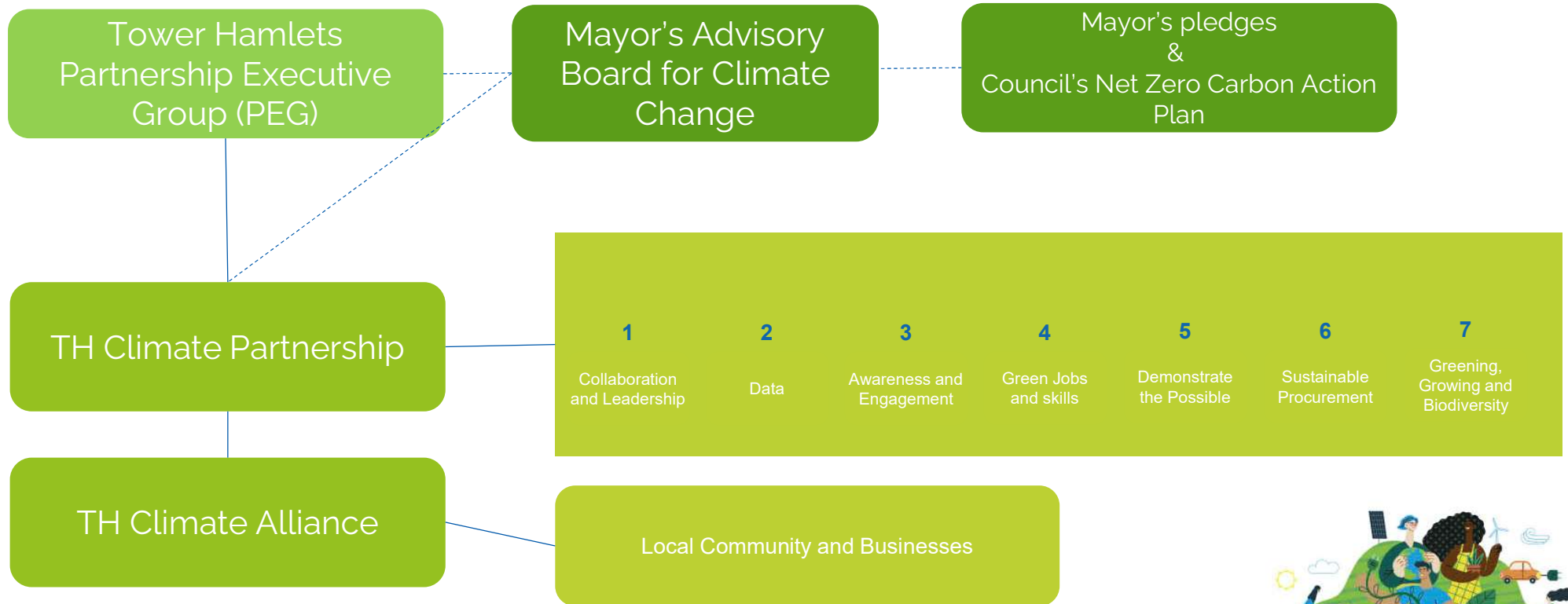
The Mayor's Keep
Our Borough
Moving Forum

Pledges:

- Mayor's Advisory Board for Climate Change
- Create green jobs whilst cutting living costs
- Make council carbon neutral
- Make our homes energy efficient
- Work with private and social landlords to improve insulation standards in our homes
- Install green heating systems on our estates, including the use of solar panels, wind turbines and heat and power schemes
- Tree-planting
- Parks and other open spaces
- Tackle air pollution in Tower Hamlets
- Research the causes of poor local air quality
- Increase the number of charging points for electric vehicles in the borough
- Greening our fleet



Climate Change – Governance arrangements



A Cleaner and Greener Future for Tower Hamlets



Energy Projects



Cleaner & Greener
Future for Tower
Hamlets

Mayor's Advisory
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Change

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Mayor's Energy Fund



- **£1million of funding** available to ease pressure on energy bills for the Borough's most vulnerable residents.
- **Renewable Energy Generation** - install Solar PV on 10-15 Council buildings. Delivery due 2023/24
- **Residential Energy Efficiency Project** - proposal for qualifying households to receive up to £10,000 support e.g. replacement boiler, heat pumps, electric heating upgrades, renewable energy generation, insulation, double glazing, low-energy lighting
- **Carbon Reduction Community Grants** – 2nd phase will be launched in Spring 2023 providing 100% funded grants to community groups and charities for energy retrofit, renewable and behaviour change projects
- **Bio-solar Project** - will deliver biodiverse roof area and renewable energy-generating technologies to buildings across the borough. Initial scoping has been completed with Tower Hamlets Homes to deliver bio solar on 10 blocks as potential for 144 tonnes CO2 saving per year.
- **Assisted housing refurbishment** - provides funding to an assisted housing scheme to ensure refurbishment is undertaken to meet council's zero carbon requirements. Funding provided for heat pumps, solar PVs and insulation/energy-efficiency measures.
- **Community Tree Planting** - proposal to deliver tree-planting to community land owned and managed by Tower Hamlets Homes.



Energy efficient homes

Barkantine Heat and Power



- The ***Barkantine District heating scheme*** supply heating and hot water to 1000 homes in high and low rise blocks, a leisure centre, swimming pool and a primary school.
- The current system is natural gas fired and requires decarbonisation
- Potential to use waste heat from data
- Working with ***Retrofit London*** - a collaborative programme being led by London's local authorities to achieve mass home retrofitting to achieve an average Energy Performance Certificate Level of B by 2030.



Key challenges and risks



- Risk to achieving council's net zero target by end of 2025/26, particularly given the amount of carbon emissions from our buildings
- Considerable additional funding needed to implement actions (£563m for council operations plus £1.03b for homes, schools, leisure)
- Significant communications and education campaigns needed to influence behaviours to achieve net zero carbon emissions around the borough by 2045
- More rapid change to borough's buildings and infrastructure through incentives and regulation
- Additional staff resources and expertise needed to push agenda forward



How can scrutiny add value?



- Scrutinise and challenge performance and proposed actions to cut carbon emissions
- Engage in development and delivery of carbon reduction activities
- Advocate / spread the word to constituents, businesses, and other key partners

