

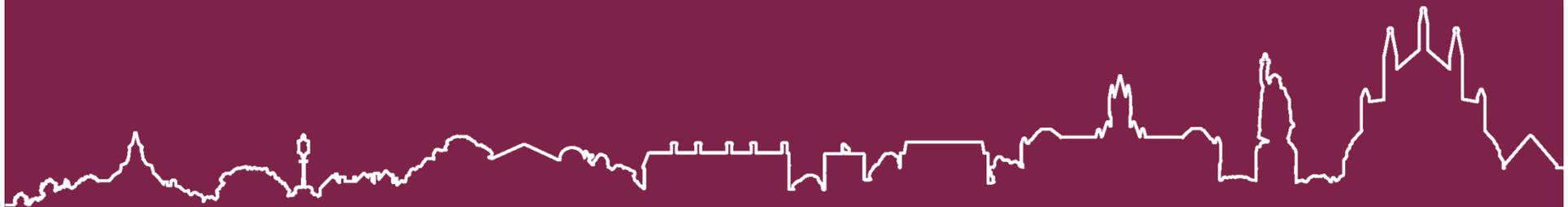
Susan Robbins

Corporate Head of Economy & Community

Climate Emergency Open Forum - 29 September 2021

Winchester District:

- Carbon Neutrality Action Plan
- Green Economic Development Strategy
- Greener Future Fund



Winchester District Carbon Neutrality Action Plan

Annual Review Year 1 and Priorities for 2021/22



YEAR 1 ANNUAL REVIEW 2020/21

The review covered

-  the challenges of COVID-19,
-  what we have achieved and projects delivered,
-  new carbon emissions data for both council and the district,
-  resources – chiefly our expenditure and what we have been able to secure from external funding,
-  campaigns and collaborations and
-  Delivery, monitoring and governance.

WHAT WE HAVE ACHIEVED

Transport

- Installation of 34 electric vehicle charging points in council-owned carparks completed
- 2 of 5 WCC's Neighbourhood Services vehicles are now electric and our Parking Team has replaced one of its higher emissions vehicles with a hybrid vehicle
- University of Southampton commissioned to research where to best locate more electric vehicle charging points across the district
- New Homes team has updated their new build requirements to include provision of EV charging points in new affordable housing schemes
- Taxi licensing policy approved by Cabinet in November 2020 incentivises uptake of electric taxi vehicles

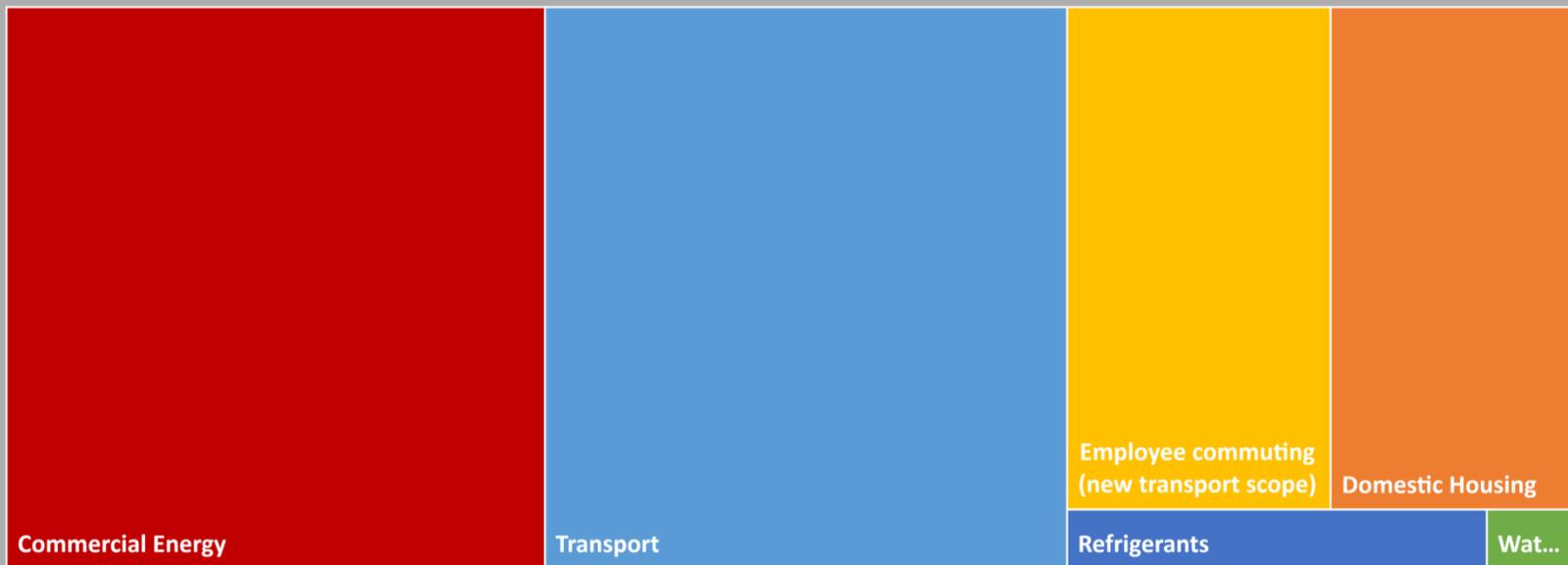
Domestic energy

- Passiv Haus housing scheme submitted for Planning (due July 2021). Design meets all accreditation tests and on track to achieve "net carbon neutral" if not better
- Council now approved £15m (£1.5m pa). council housing stock improvement programme approved to focus on "fabric first" insulation of void properties
- Local Plan consultation event on Strategic Issues included climate emergency and sustainable development.
- £115k secured from BEIS to enable energy efficiency works to homes with the lowest energy ratings and experiencing fuel poverty.
- New Homes' Employers Requirements (ERs) amended to reflect no gas heating with immediate effect and new homes to be built to AECB (Association for Environment Conscious Building) standard as minimum

Commercial energy

- Green energy tariff signed up April 2020, cutting CO₂ emissions by 19%
- £38k secured for solar panels at the Biffa depot in Bar End
- 400 solar panels on new Winchester Sport & Leisure Park will provide enough energy to power the main swimming pool hall for 21.5 hours a day
- Littleton Triangle procured contract for feasibility study

COUNCIL EMISSIONS DATA - CO₂t 2019/20



-  The council's emissions in 2019/20 are **11.7% lower** compared to the 2018/19 baseline for the Carbon Neutrality Action Plan. Total emissions were 4383 tonnes of CO₂e
-  The **most significant emission sources are electricity and gas consumption**, together accounting for 48.3% of Winchester City Council's carbon footprint.
-  Based on 2019 emission levels there needs to be a **reduction per year of, on average, 800 tonnes of CO₂** for the between 2020 and 2024 if we are to achieve our target.

Council priorities 2021/22

Council top priorities to achieve a 20% reduction in CO₂ emissions on 2019 levels

Transport

1. Work with Hampshire County Council on a Winchester District Bus Breakthrough plan – to include moving to zero carbon buses – and supports the Hampshire Bus Service Improvement Plan
2. Ensure employee commuting remains at reduced carbon emission levels

Commercial Energy

3. Develop a proposal for energy saving measures at the Guildhall and West Wing

Domestic Energy

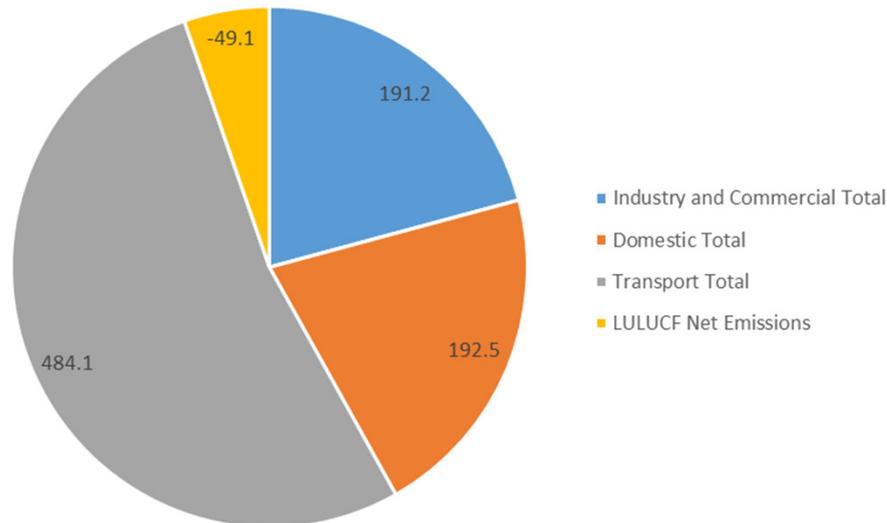
4. Identify measures to reduce emissions at Chesil Lodge

Natural Environment / LULUCF*

5. Agree the council's mitigation / off setting policy
6. Develop a viable business case for investment in energy generation on council land

DISTRICT CARBON EMISSIONS

Winchester District Total territorial CO₂ emissions 2018 (ktCO₂)



Total district CO₂ emissions in 2018 was 818.8 kt

The rate of CO₂ reduction needs to significantly increase.

All sectors within the district must substantially reduce carbon emissions and the most polluting areas are road vehicles (59%), heating homes (23%) and commercial electricity consumption (23%).

District Priorities

Top district priorities to achieve a 10% reduction in CO₂ emissions on 2018 levels

Transport

1. Pilot emissions-based car parking charges
2. Support expansion of zero emission delivery services.
3. Work with Hampshire County Council to commission a Local Cycling and Walking plan (LCWIP) for the district

Commercial Energy

4. Work with the largest businesses in the district to reduce energy use
5. Create circular economy initiatives that uses waste as resources

Domestic Energy

6. Spend £1.5m on retro-fitting housing stock

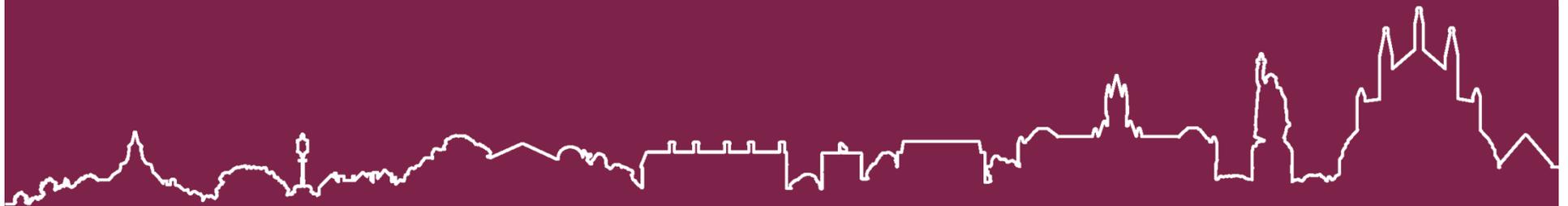
Natural Environment / LULUCF

13. Deliver 80% of the 73 actions from the BAP

IMPORTANT SUPPORTING ACTIVITY

- Three areas of work where additional capacity will be directed have been identified:
 - Sustainable transport – to develop proposals, coordinate and liaise with key agencies and be ready to bid for any government funding
 - Campaigns and communications – to help promote more widely all that is being done and to encourage behaviour change
 - A roadmap of quantified and timed interventions that are needed to achieve in particular the district target.
- Two key policy documents
 - The Local Plan Review
 - Green Economic Development Strategy

Winchester District Green Economic Development Strategy 2020 - 2030



A NEXT GENERATION STRATEGY

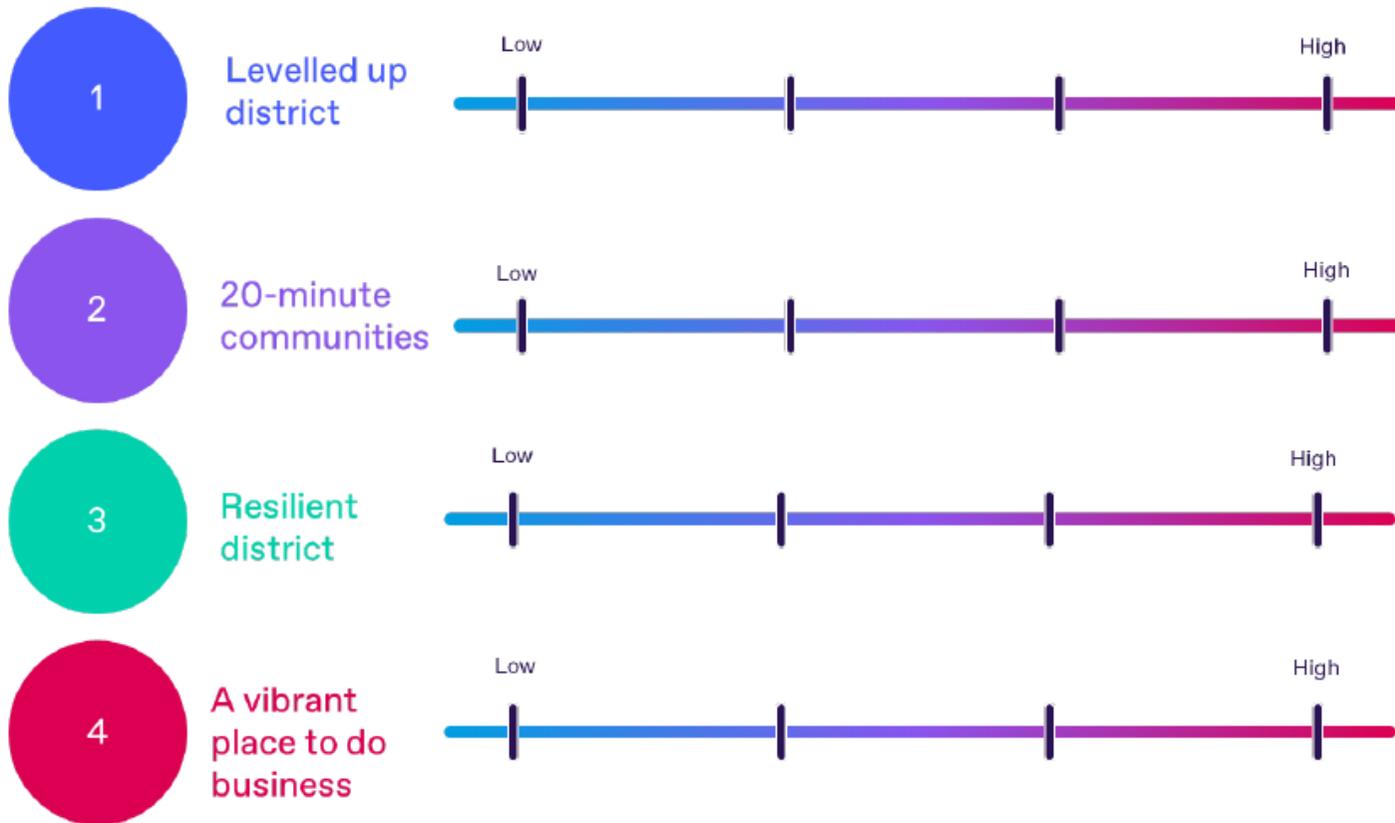
Traditional pre-pandemic place-based strategies	----->	Post-pandemic, post-Brexit local economic strategies
Tendency to linear blueprints	----->	Scenario and contingency-based
Primary focus on productivity and employment goals	----->	Primary focus on wellbeing, sustainability and resilience
Emphasises technology-led innovation and knowledge-rich sectors with hard infrastructure	----->	Balances knowledge-rich with foundation sectors, good work, social and natural capital
Often a bidding document for specific government investment	----->	A place prospectus and approach to leadership and partnership working
Assumptions of agglomeration and globalisation	----->	Tailored to distinctive qualities of places and communities



GREEN GROWTH

-  An anticipated Green Dividend is expected to generate **natural capital growth / nature recovery** benefits, **improved health and wellbeing**, and the **greening / resource efficiency improvements to mainstream businesses**.
-  However, it will also have **direct, positive impacts on jobs and GVA**
-  The UK's Low Carbon and Environmental Goods and Services (LCEGS) sector employed 1.28million people in 2020/21 and was worth £205.7bn to the UK's economy.
-  Assuming the District follows national growth trends, the LCEGS sector could generate an additional **2,100 jobs** and **£337mn in sales** over the lifetime of the GEDS.

4 SCENARIOS



WHAT THIS MEANS

Levelled-up	20 minute communities
<ul style="list-style-type: none">• Inclusive growth by linking the knowledge and foundational economies.• Just transition through meeting the challenges facing different parts of the district.• Improved housing affordability and sustainability.	<ul style="list-style-type: none">• Reducing the need for travel between different places in the district.• An improved live-work offer within market town centres.• Starts to address the congestion challenge.
Resilient district	A vibrant place to do business
<ul style="list-style-type: none">• Flood protection and adaptation to rising temperatures.• Enhancing local biodiversity and capitalising on local food production.• Local renewable energy generation to protect against supply shocks and price rises.	<ul style="list-style-type: none">• Rethinking retail space for the future.• Flexible and affordable space for start-ups and growth.• The UK centre for sustainable tourism.• Invest in the District wide cultural infrastructure

6 THEMES



Innovative business & economy



Connected, public and electric transport



Skills & competitiveness



Affordable, low carbon housing



Culture, creative & visitor economy



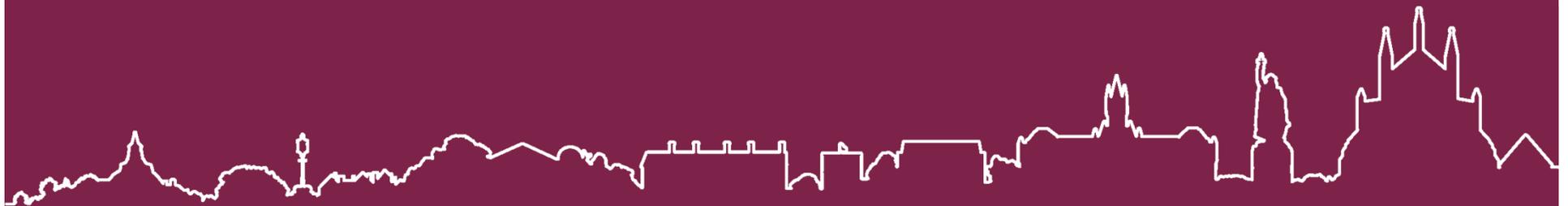
Green infrastructure, biodiversity & renewable energy

8 OUTCOMES

-  Increased business density and diversity
-  Higher skills and productivity
-  Reduced socio-economic and spatial inequality
-  More affordable, sustainable, and flexible housing stock
-  Net CO2 emissions reduced to zero
-  Greener transport and less congestions
-  More local renewable energy
-  Increased biodiversity and green infrastructure

All increasing Winchester's profile and reputation as a dynamic, sustainable District with a compelling, instinctive blend of assets, capabilities and development opportunities

Greener Future Fund



GREENER FUTURES FUND

- For not for profit organisations and small businesses
- Match funding grants are available for projects that address issues such as transport, energy consumption or behavioural changes.
- Grants of up to 50% of project costs, up to a maximum of £2,000.
- Applications via the Crowdfunder platform
- To find out more visit www.crowdfunder.co.uk/funds/greener-future-fund



Hey Eco Warrior!

Get up to **£2,000** for your big idea to tackle climate change from right here in the Winchester district.

 Crowdfunder

 Winchester
City Council

Thank you

