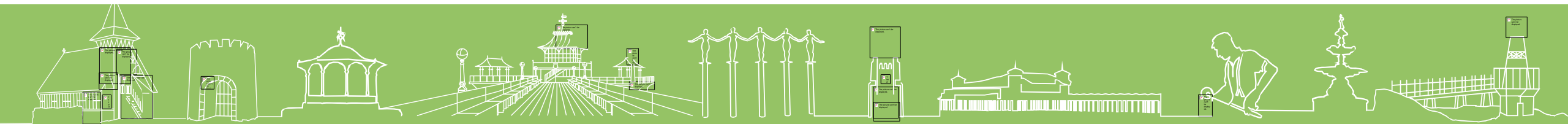
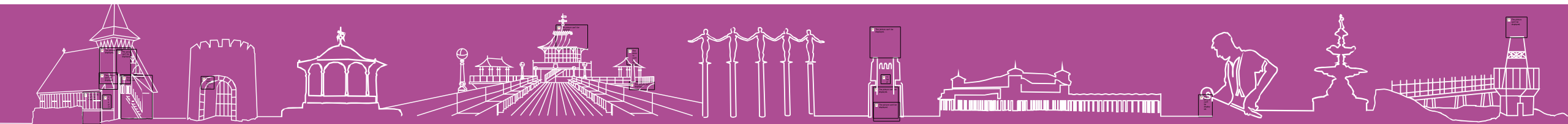


# Climate Emergency Action Plan update

North Somerset Council, 8<sup>th</sup> November 2022



# Progress report



# North Somerset Council Climate Emergency Action Plan 2021: a year in numbers

## Carbon Literacy

Delivered training to 150 officers and councillors as well as 17 local businesses and 18 community champions

**300** pledges made

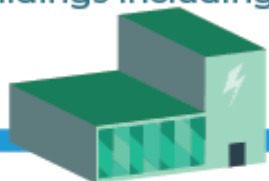
**450** tonnes CO<sub>2</sub>e savings estimated

## Decarbonisation plans

Delivered for 30 public buildings including:

**15** schools

**5** leisure centres



## Business support

**17** local small businesses supported to reduce carbon emissions through our Business Carbon Support pilot programme

**15** businesses have received Green Business Grants from WECA totalling £113,561



## Zero carbon school

Planning permission granted to zero carbon school development at Winterstoke Hundred Academy

## Funding for care homes

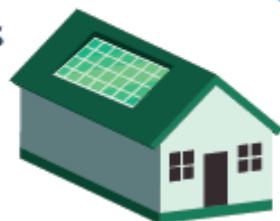
**£400,000** in grants awarded to care homes to reduce emissions

## Low carbon homes

**64** zero carbon homes

**52** PassivHaus homes

**361** low carbon homes



## Solar panel installations

**292** installations across North Somerset through WECA Solar Together scheme

**1,730** installations through Green Homes Grant, Local Authority Delivery (LAD2)



## LED streetlights

Completion of streetlight upgrades: **18,000** streetlamps, saving 3,800 kWh and over 1,000 tonnes CO<sub>2</sub>e each year



## Cycle paths

**57** miles of dedicated cycle and shared use paths

## EV charging

**39** chargers installed by NSC to date

**90** public chargers now available

Staff salary sacrifice scheme set up for EV purchasing



## Cycle training

**2,337** children received Bikeability training



## Ecosia search engine

Over **500** trees planted through internet searches by council staff

## Housing retrofit

**48** park homes and **50** Alliance Homes properties received home energy improvements

## Long grass

**400,000** hectares left for pollinators

## Trees planted

**30,000** trees planted

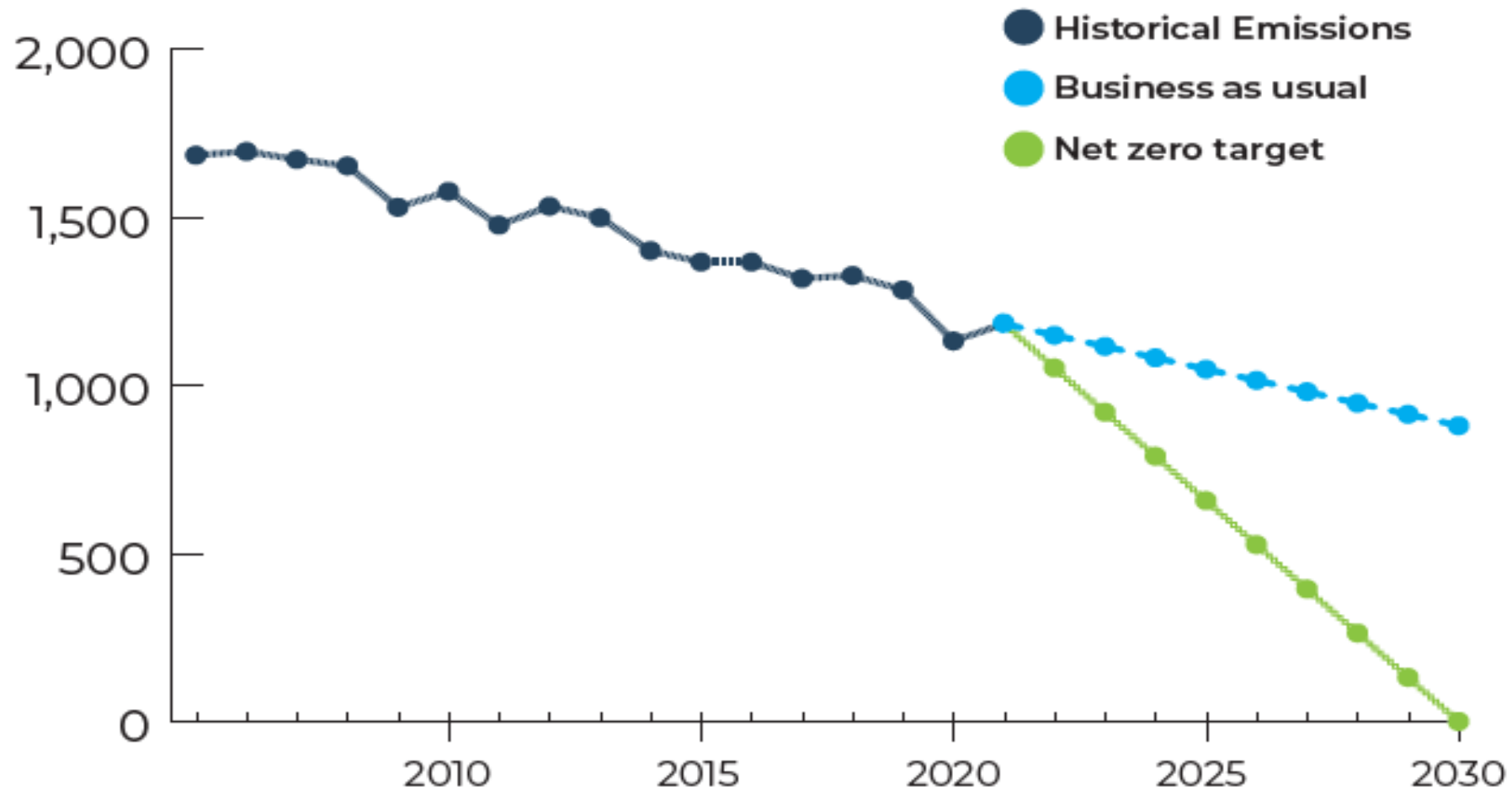


# North Somerset Big Green Week 2022



# Emissions – North Somerset area

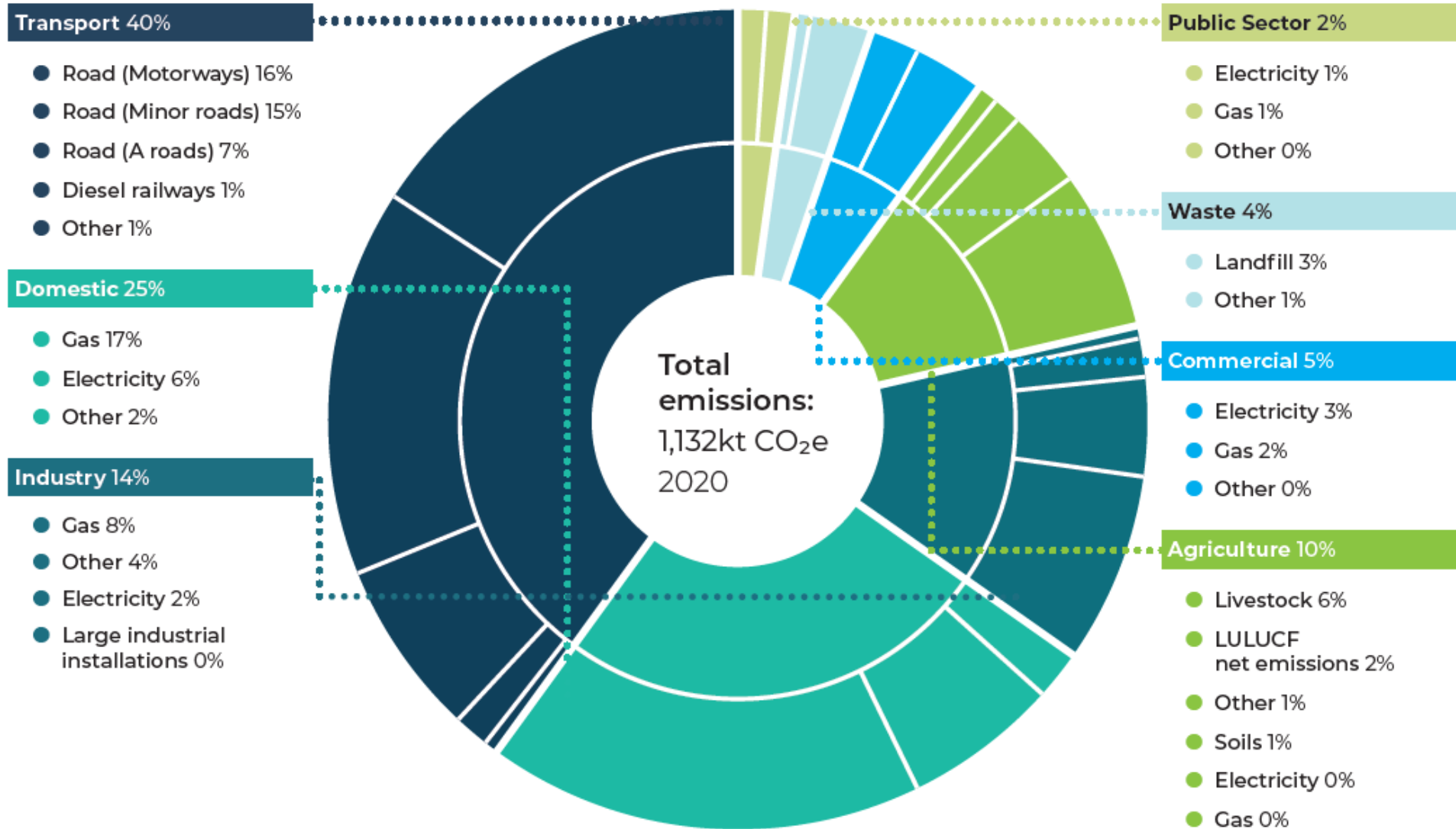
**Figure 2:** Projection of the current rate of reduction in greenhouse gas emissions to 2030 in North Somerset



Page 20 in  
the Action  
Plan



# Emissions – North Somerset area 2020



Page 19 in the Action Plan



Figure 1: North Somerset Greenhouse Gas Emissions in 2020

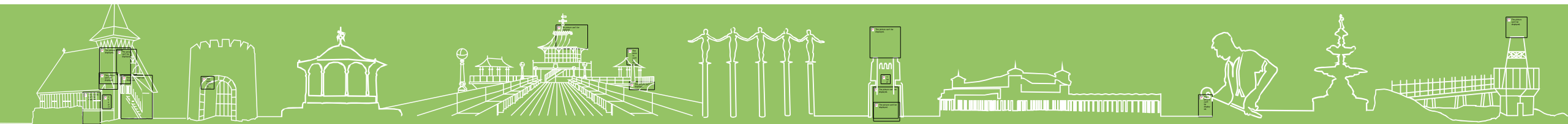
# Emissions – North Somerset Council

	Total GHG emissions for period (tonnes CO <sub>2</sub> e):				Change since base year	
	Apr 2018 - Mar 2019	Apr 2019 - Mar 2020	Apr 2020 - Mar 2021	Apr 2021 - Mar 2022	Tonnes CO <sub>2</sub> e	%
<b>Direct emissions</b>	4,631	4,338	3,904	4,442	- 190	- 4%
<b>Electricity consumption</b>	4,281	3,915	2,426	2,287	- 1,994	- 47%
<b>Indirect emissions</b>	6,811	7,611	5,892	6,529	- 918	- 13%
<b>Total</b>	<b>15,723</b>	<b>15,864</b>	<b>12,222</b>	<b>13,257</b>	<b>- 3,502</b>	<b>-22%</b>



# Strategy & Action Plan update

- More clarity in actions - what and why
- Better align actions and themes





# Action plan – updated themes

- Become a net zero carbon council
- Decarbonise transport
- Decarbonise the built environment
- Low carbon business and skills - **NEW**
- Renewable energy generation
- Resources and waste
- Adaptation and resilience
- Replenish our carbon stores



Aftermath of a grass fire in the Winscombe area, August 2022



Storm Ciara causes huge waves in Clevedon, 2020. Photo taken by Robert Timoney

# To support the over-arching action plan each directorate in the council has a themed action plan

Examples of some actions...

## Adults Services

- Care home adaptations (heat/cold resilience)
- Technology enabled care (TEC) innovations
- Future planning of housing provision

## Children's Services

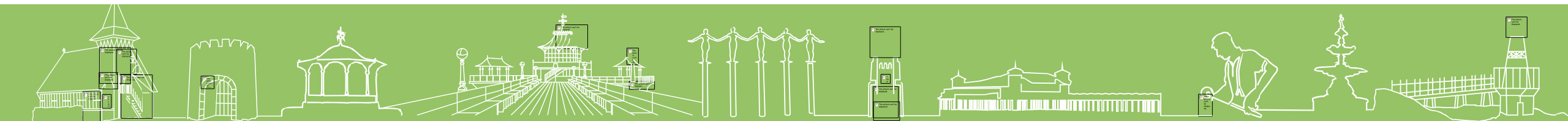
- Children's centres and schools' energy improvements
- Walking and cycling messages to schools
- Efficiency of staff movement, touchdowns etc.

## Corporate Services

- Ways of working – hybrid models
- Electric Vehicle salary sacrifice, cycle to work
- Changes to data storage and carbon reduction
- Policy reviews

## Public Health and Regulatory Services

- Links between Climate Emergency & Health & Well-being strategies
- Active travel/walking/cycling etc.
- GP social/green prescribing
- Promotion of reusable menstrual products



# Climate Emergency dashboard



Open, Fairer, Greener

## Climate Emergency Strategy Action Plan

This dashboard gives a quarterly update on the Climate Emergency Strategy action plan. Within that plan there are a range of actions including short term actions which can be achieved within one or two years (2022-2024), medium term actions which are designed to take several years to reach fulfilment (2025 to 2028), and longer-term actions which will take longer to come to fruition (2028 to 2030). Actions have co-benefits which are also included in this update.

Co-benefits of action plan



The strategy and action plan are centred around eight key principles and the updates in this dashboard are split by each principle:

Become a net zero carbon council



Decarbonise transport



Adaptation and resilience



Decarbonise the built environment



Low carbon business and skills



Renewable energy generation



Replenish our carbon stores



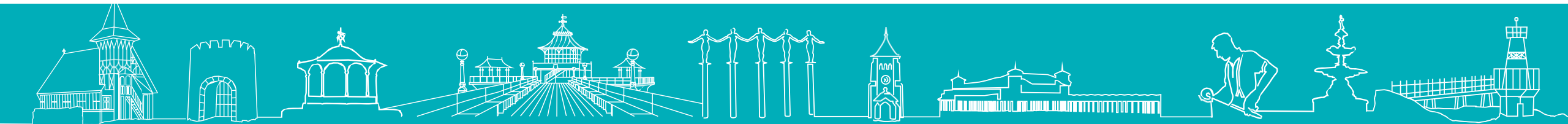
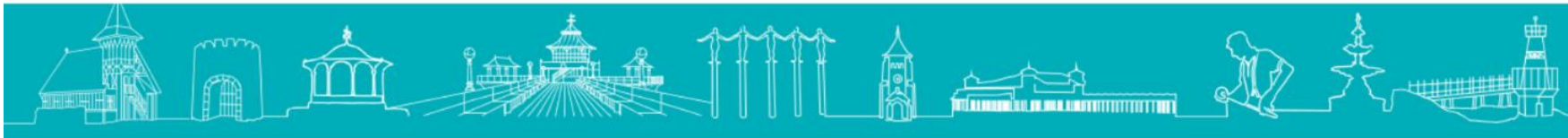
Resources and waste



### Navigation

1. Select a key principal page.
2. Choose one action.
3. The description table will show all descriptions and co benefits for the selected action and the cost for each action.
4. The milestone table will show the milestones for each action, timescale and RAG rating of each action.
5. Select one Action to display the associated milestones. There may be multiple milestones for each action.
6. Total carbon saving data will also be presented, this will be the total saving for the project.
7. To clear selections, click on the measure and / or action previously selected.

Climate Emergency Information



# Recommendations

Approve the updated Climate Emergency Strategy and Action Plan, and:

- Re-confirm commitment to achieving net zero carbon by 2030.
- Note the information on carbon emissions and progress on existing projects to tackle climate change.
- Endorse the development of a Climate Performance dashboard.
- Executive Member to write to the new prime minister and relevant minister to:
  - Confirm our commitment in local government to action on climate change;
  - Reiterate the council's opposition to fracking and urge the government to reverse their recent decisions on this issue;
  - Seek that they take seriously the role of central government in properly funding a transition away from fossil fuels;
  - Request increased, longer-term funding for other actions to enable a low carbon economy and healthy community.

