

Climate & Nature Emergency Update

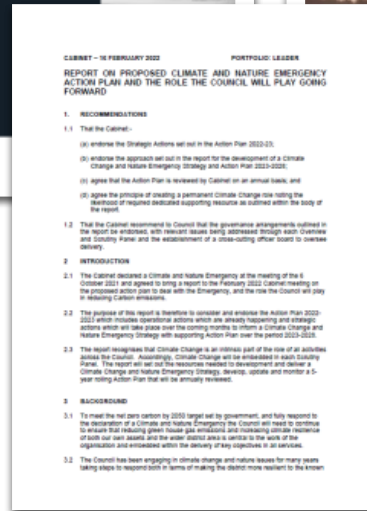
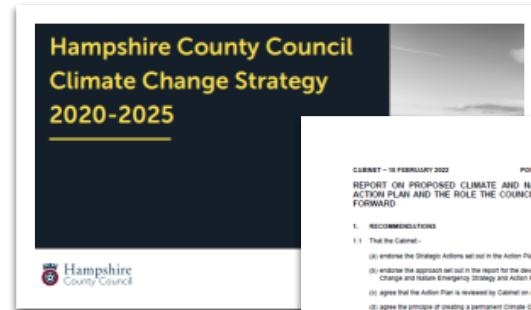
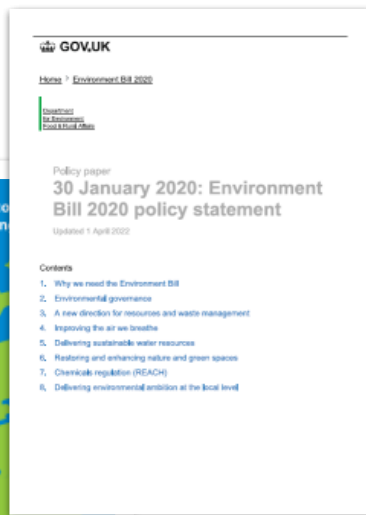
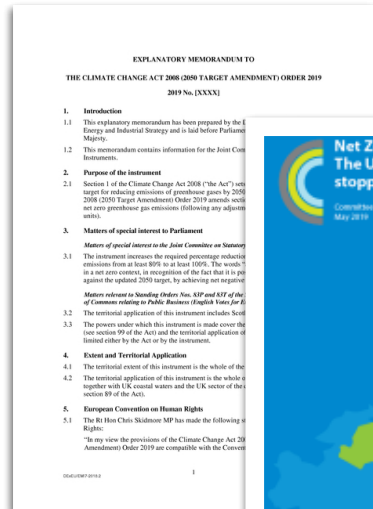
Environment & Sustainability Overview & Scrutiny Panel

Tuesday 13th December 2022

Climate Change in the New Forest

In the NFDC area, we expect to experience:

- Hotter, drier summers
- Warmer, wetter winters
- More frequent and extreme heatwaves, droughts flooding and coastal erosion



National

Local



What impacts will this have?

RESIDENTS / BUSINESSES / VISITORS / ECONOMY

- Health & wellbeing
- Accessibility & transportation
- Housing suitability
- Habitat degradation
- Species loss
- Storm damage
- Service delivery
- Food growing
- Resource availability
- Waste generation & processing

Net Zero by 2050...and much more

- The NFDC Area is estimated to have emitted 928,000 tonnes CO₂e in 2019
- Compared to Hampshire Districts, we have large emissions but also large carbon sink due to the New Forest environment
- The biggest sources of our area emissions are:
 1. Transport
 2. Homes
 3. Industry
- The Council is estimated to have emitted 3,500 tonnes CO₂e in 2020/21
- We spent approximately £640k buying 8.8million kWh of energy
- The biggest sources of our area emissions are:
 1. Fleet
 2. Gas
 3. Electricity

Climate & Nature Action in 2022

- Staff engagement
 - Service suggestions
 - Climate champions
 - Energy advice
- Estates
 - Bill validation and metering
 - Building improvements
- Operations
 - Electrification of depots
 - EV fleet
 - Waste strategy
- Greener Housing Strategy
- New build council housing
 - Testwood Social Club exemplar
- Planning
 - Local Plan development
 - PfSH environmental initiatives
 - Green Infrastructure Strategy
 - Climate Change SPD
- Procurement
 - Contract management
 - Supply chain

Climate & Nature Action from 2023

| CARBON REDUCTION | | | | | |
|---|------------------------------|---------------------------|--|-------------------------------|----------------------------|
| INTERNAL PRIORITIES | | | EXTERNAL PRIORITIES | | |
| Fleet | Gas | Electric | Industry | Road Transport | Homes |
| Depot electrification | Building fabric / insulation | LED lighting in buildings | Solent Cluster | LTP4 / LCWIP | Community Energy South |
| EV fleet replacement | BMS systems | Street lighting | Industry engagement | EV charging network | Retrofit / Greener Housing |
| Service delivery optimisation | Boiler replacement | Renewable energy | Carbon capture & storage | Public transport improvements | Local Plan |
| BUSINESS AS USUAL IMPROVEMENTS | | | | | |
| Sustainable policies, plans, services & procurement | | | Net zero infrastructure, investment & engagement | | |

| CLIMATE ADAPTATION | | | | | |
|---|--------------------------------|------------------------|--|----------------------------------|----------------------------|
| INTERNAL PRIORITIES | | | EXTERNAL PRIORITIES | | |
| Buildings | Assets | Staff | Flooding | Coastal Erosion | Heatwaves |
| Location risk assessment | Natural assets e.g. open space | Climate Champions | Built infrastructure | Christchurch Bay / Harbour FCERM | NHS / Public Health |
| Temperature adaptation | Fixed assets e.g. bins | Emergency preparedness | Natural infrastructure | Hurst Spit to Lymington FCERM | Community Resilience Plans |
| Storm resilience | Vehicles e.g. fleet / grey | Business continuity | Catchment partnerships | Durlston to Hurst SRM Programme | Water conservation |
| BUSINESS AS USUAL IMPROVEMENTS | | | | | |
| Service risk assessment, adaptation plans & comms | | | Area risk assessment, adaptation plans & comms | | |

| NATURE RECOVERY | | | | | |
|---|------------------------------------|---------------------------------|---|---------------------------------|-------------------------------|
| INTERNAL PRIORITIES | | | EXTERNAL PRIORITIES | | |
| Biodiversity | Connectivity | Stewardship | Biodiversity | Connectivity | Stewardship |
| NFDC land studies | Nature corridors / Habitat banking | Local Plan / SPDs / GI strategy | Environmental surveys / data | Local Nature Recovery Strategy | Environment Act / regulations |
| Habitat protection | Ecology infrastructure | Maintenance / upkeep | Habitat protection | Connectivity of strategic sites | BNG Credits / Habitat banking |
| Habitat creation | Local partnerships | Staff volunteering | Habitat creation | Active travel / accessibility | Ecology without boundaries |
| BUSINESS AS USUAL IMPROVEMENTS | | | | | |
| Nature Recovery in policies, strategies & decisions | | | Nature protection, enhancement & partnerships | | |

| PROGRAMME MANAGEMENT | | | | | |
|--|----------------------|----------------------|--|--------------------------------|----------------------------|
| INTERNAL PRIORITIES | | | EXTERNAL PRIORITIES | | |
| Communications | Governance | Funding | Communications | Data | Partnerships |
| Newsletters / updates | CC&NE Steering Group | NFDC internal budget | Social / online / print media | Carbon / Climate / nature data | Hampshire County Council |
| Staff / member training | Portfolio Holder | Central Government | External webpages | Public Reporting | New Forest National Park |
| Forest Net resources | Decision making | Private investment | Public events | External verification | Professional organisations |
| BUSINESS AS USUAL IMPROVEMENTS | | | | | |
| CC&NE principles embedded in NFDC culture & services | | | Residents, businesses, visitors support CC&NE principles | | |