



Climate Adaptation Future Proofing Communities and the Local Economy

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- ☐ The case for local climate adaptation
- ☐ Building workforce capacity through training
- ☐ Maximising the role of green spaces in climate adaptation



A photograph of a park with sunlight filtering through the trees, creating a bright, dappled light effect. The scene is captured from a low angle, looking up at the tree canopy. The ground is covered in fallen leaves and grass.

The case for local climate adaptation.

The environmental case

- ☐ We are an island
- ☐ Rising sea levels and flooding
- ☐ Extreme heat
- ☐ Droughts
- ☐ Wildfires and forestry
- ☐ Biodiversity loss
- ☐ Habitat disruption
- ☐ Survival rates of young
- ☐ Species extinction risk
- ☐ Shifting distribution



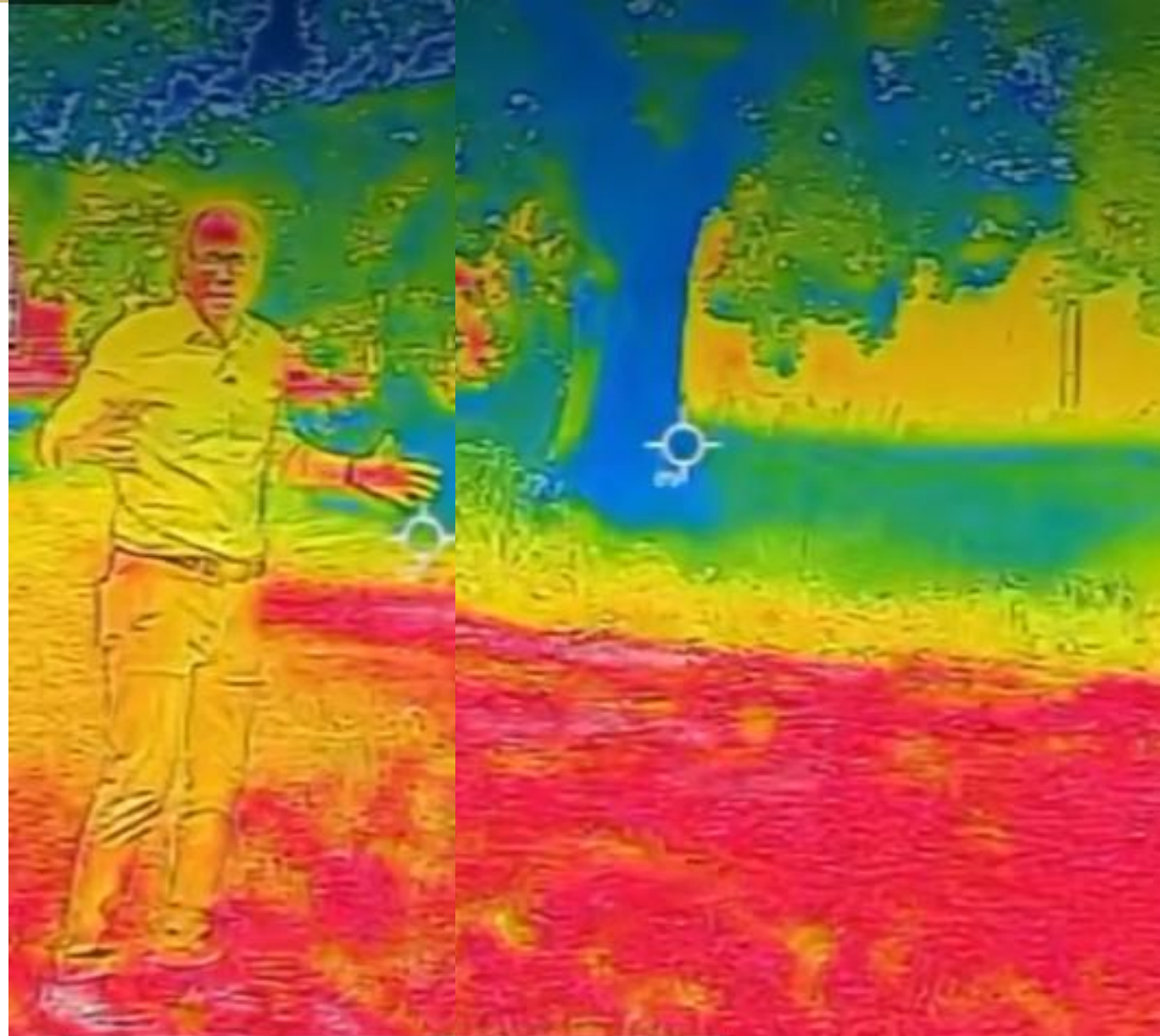
The economic case

- ☐ Corporate risk registers
- ☐ Maintenance v repair
- ☐ Social care pressures – winter and summer
- ☐ Transport systems
- ☐ Buildings (inc. municipal)
- ☐ Supply chain management
- ☐ Energy sources



The business case

- ❑ Change is the new normal
- ❑ 90% UK population living in urban areas by 2050
- ❑ Urban heat island
- ❑ Climate justice
- ❑ Urban green spaces
- ❑ Migration north
- ❑ Scotland will not escape



Scotland's adaptation plan 2024 – 2029

- ☐ 200 actions following UK's 3rd Climate Risk Assessment
- ☐ Covers island, rural and urban settings
- ☐ Protect public services, communities and the economy
- ☐ Flooding, food, forestry, farming and fishing
- ☐ Behaviour change, community wellbeing
- ☐ Transportation (inc Island ferries)
- ☐ Energy systems
- ☐ Culture and heritage



A photograph of a sunlit forest path with sunlight rays filtering through the trees.

Building Workforce Capacity through Training

Time to think

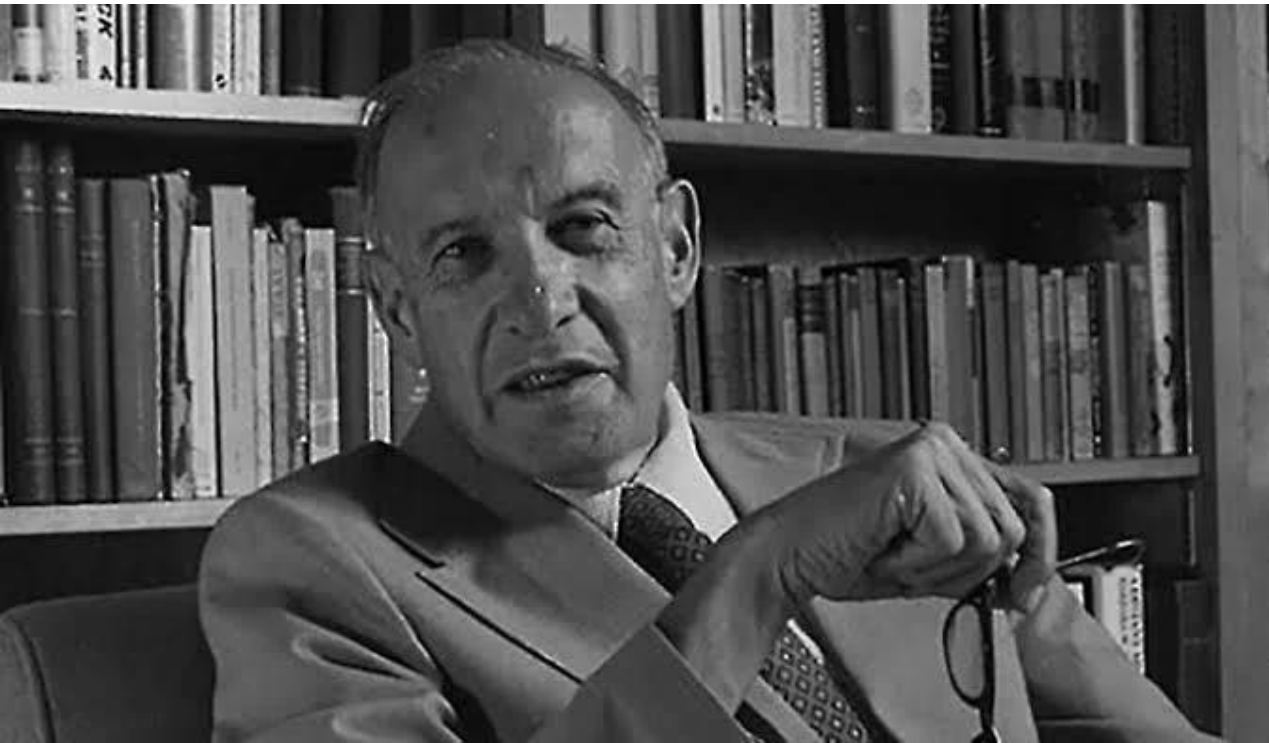
"Here is Edward Bear, coming downstairs now, bump, bump, bump, on the back of his head, behind Christopher Robin. It is, as far as he knows, the only way of coming downstairs, but sometimes he feels that there really is another way, if only he could stop bumping for a moment and think of it."

A.A. Milne



"Culture eats strategy for breakfast."

Peter Drucker



- ☐ Workforce matters
- ☐ The right people, with the right skills, at the right time
- ☐ The only BIU is change
- ☐ Communication
- ☐ Resilience
- ☐ Demand management
- ☐ Project and programme management
- ☐ Risk management
- ☐ Systems and collaborative leadership

Greater capability leads to greater capacity



Leadership

Project and Programme

Carbon Literacy

Environmental

Infrastructure

Adaptation

Carbon Literacy

Senior
Leaders

Elected
Members

General
Staff

Town and
Parish

Community
Leaders

Certified Carbon Literate



Build capacity through skills and knowledge.

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Advanced Soil Management

2

Biodiversity Net Gain for Local Authority Parks and Green Spaces

3

Making Space for Nature in our Burial Grounds and Churchyards

4

Plant Biosecurity for Local Authorities

5

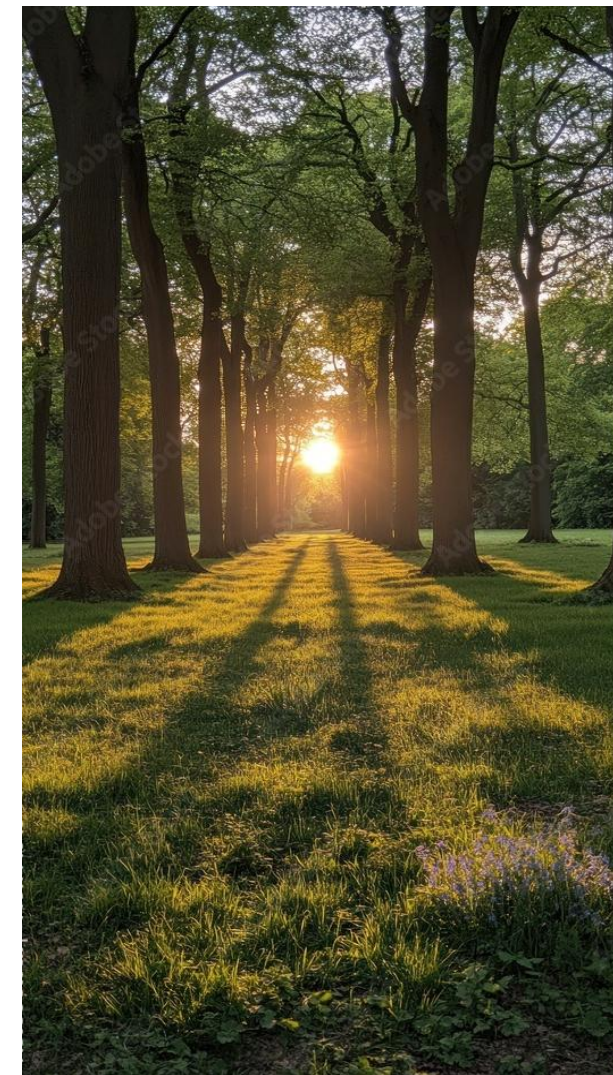
Wildflower Meadows and Grassland Management

6

Management and Decarbonisation of Fleet

7

Urban Green Spaces





Maximising the role of green spaces in climate adaptation

- ☐ Space can be limited in cities, which can make it very difficult to retrospectively incorporate substantial greening, so parks and private gardens are vital
 - ☐ There are a number of greening methods that can be employed in cities with minimal changes to existing infrastructure.
-
- ☐ Street Trees
 - ☐ Hedges
 - ☐ Green roofs and living walls
 - ☐ SuDS
 - ☐ Pocket parks and community gardens
 - ☐ Green mobility corridors.



Grape (Vitis Solaris)

- ☐ Resistant to climate change
- ☐ High disease resistance
- ☐ Resistant to inconsistent weather



White Mulberry (*Morus alba*)



- ❑ Shows strong general hardiness against drought, heat, and poor soils due to deep taproots and vigorous growth
- ❑ Can be vulnerable to weather fluctuations and waterlogging

New management strategies for climate resilience

- ☐ A fundamental shift to "Nature-Based Solutions" (NBS):
- ☐ Reimagine landscapes with climate-resilient plantings
- ☐ "micro-forests" of dense, varied vegetation
- ☐ Embrace ecological diversity
- ☐ Implement comprehensive water management.
- ☐ Enhance cooling and shade.
- ☐ Use data-driven planning.





**How will your authority adapt to the
impacts of climate change?**

Contact us

The team is ready to help.

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