

Environment and Transport

Select Committee

Carbon Management/10:10 Initiative

12 January 2010

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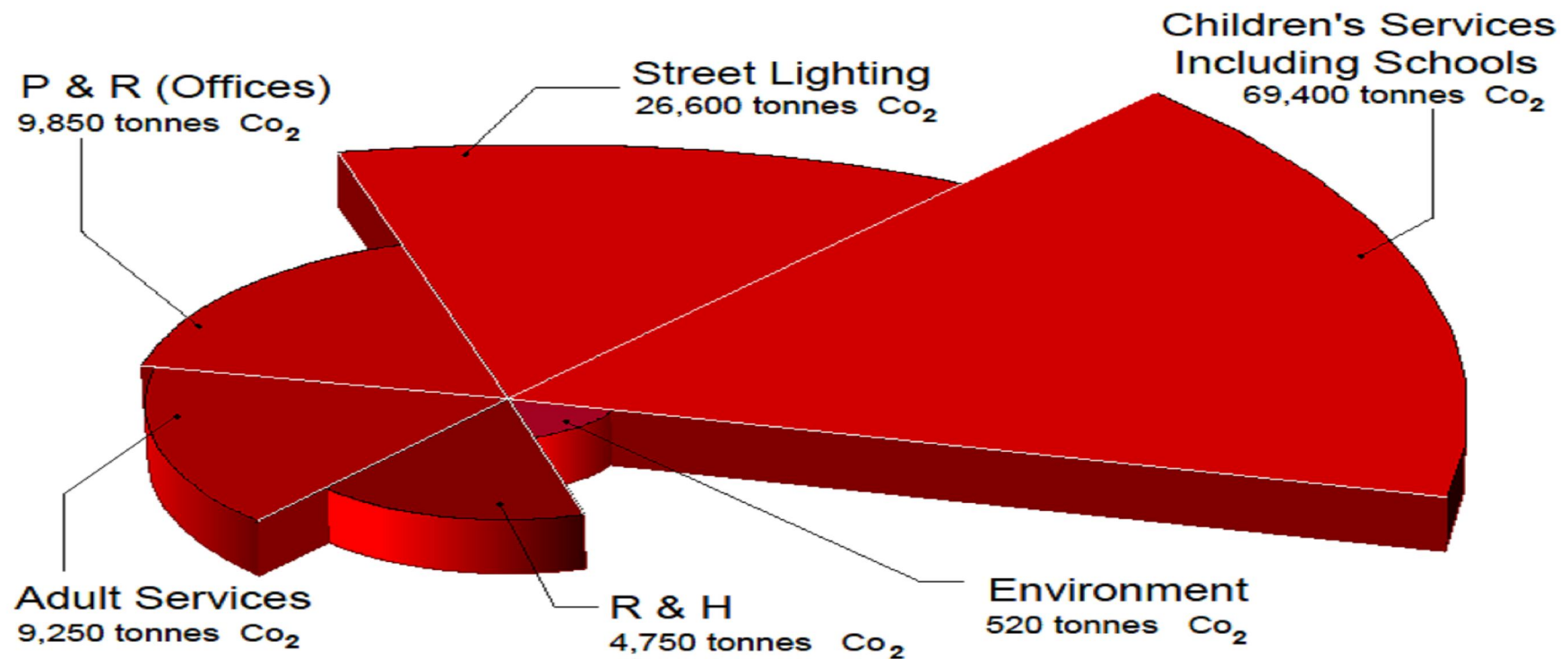
Hampshire
County Council

Introduction

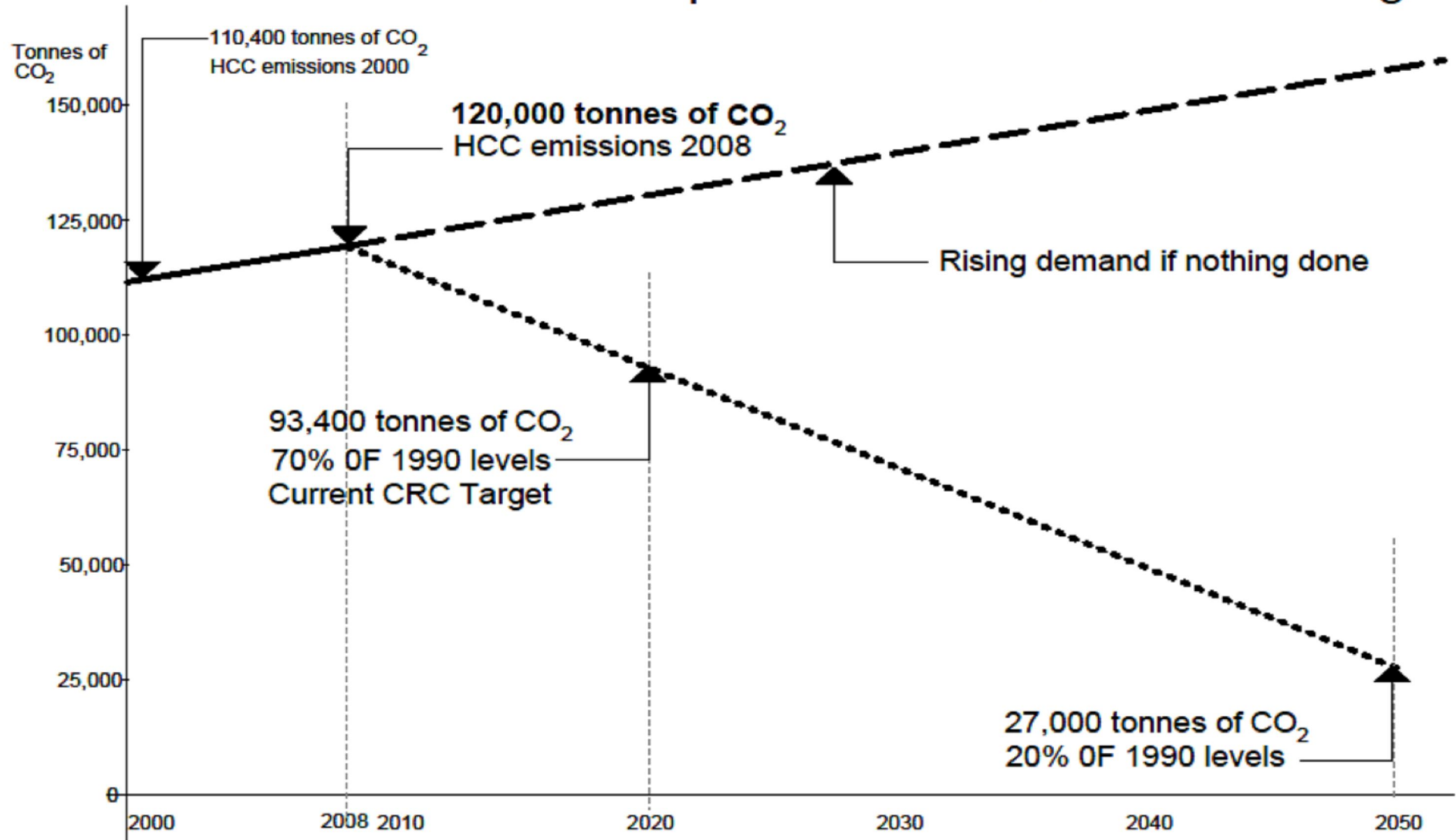
- 10: Initiative – what is it?
- Explain new governance arrangements now established
- Give details of work on high priority areas for mitigation. Focus on schools and street lighting
- Explain the technical initiatives underway
- Explain the programme of work over the short and medium term
- Explain how target reductions will be recommended

HCC Carbon Consumption (Summer 2009 return to Govt)

HCC Current Carbon Consumption by user



HCC Current Carbon Consumption vs National Reduction Target



Implementation Plan'

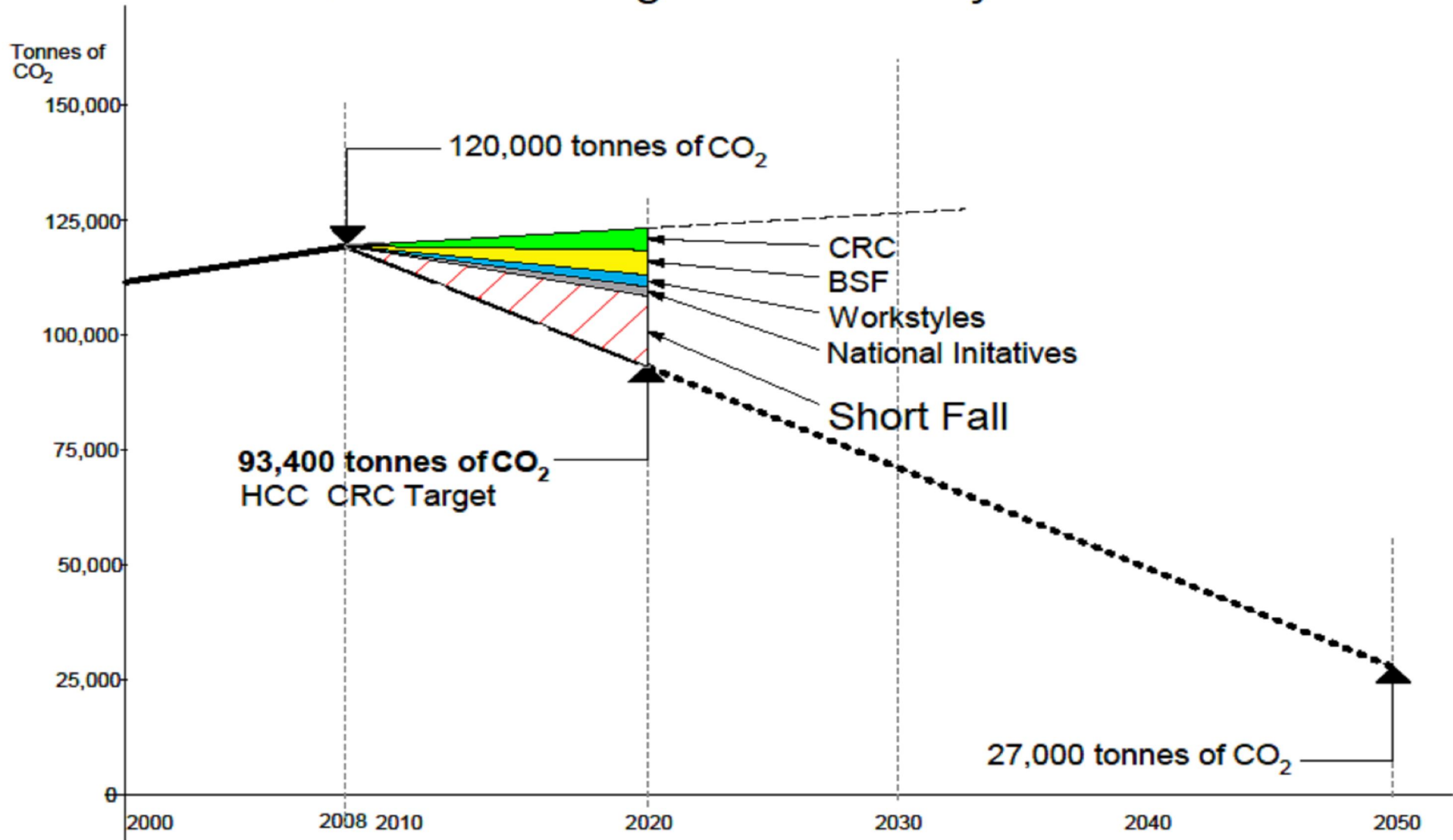
Identify all elements that can contribute:

- Existing (business as usual) planned activities
 - Landlord improvement programmes to buildings
 - Major projects e.g. Building School's for the Future
 - Major change (asset reduction) programmes e.g. Workstyle
 - Street lighting PFI

New initiatives (innovation):

- 'Hearts and Minds'
- Local manager training and awareness
- Further Strategic Asset Reductions
- Renewable energy production
- 'Regional' energy supply

HCC Carbon Reduction Target — The Way Forward



Workstream Initiatives

A. Buildings/Performance Monitoring

- Display Energy Certificates : Year 2
- Elizabeth II Court Energy Monitoring
- 10.5% reduction for Winchester Offices achieved
- Potential Impact of confirmed programmes on Carbon – eg Workstyle, Building Schools for the Future, Landlord Programmes

Workstream Initiatives

A. Buildings/Performance Monitoring (contd)

- Feasibility studies on:
 - More efficient boiler controls
 - Lighting replacement
 - Biomass boilers

- Performance monitoring renewable energy devices in County Buildings:
 - Ground source heat
 - Solar thermal
 - Photovoltaics

Workstream Initiatives

B. Street Lighting

- Target 15% reduction built into PFI Contract

C. ICT

- 'Green' IT National Award
- Carbon Reductions from new Data Centre
- Deliver future energy reduction related to Workstyle
- IT Services lead "expert"
- Engagement with Schools workstream

Workstream Initiatives

D. 'Hearts and Minds'

- HCC departments – Mottisfont Court Pilot

E. Communications

- Workstream Communications Plan
- Presentations to CMT, Cabinet, Primary & Secondary Heads, Sustainability Forum, Hampshire Economic Partnership

Workstream Initiatives

F. Schools

- Dedicated workstream meetings
- Nominated Head Teachers
- Minstead Study Centre involvement
- Smart Meter Installation : Commencing imminently
- £1 million funding from schools – software for Phase 1 meters
 - Phase 2 sub-meters in parallel with Phase 1
 - Schools Support Officers
- 5-12% potential reductions – Carbon Trust claims
- Energy savings = cost savings incentive
- Pilot sites – volunteers already received

When will we deliver this?

- Short, medium and long term programmes required
- Short term (year 1)
 - Data collection (done)
 - Smart meter installation programme (over next 2 years)
 - New Carbon Management Plan (target February 2010)
 - Create business case(s) for invest to save opportunities
 - Target setting and approvals (Spring 2010)
 - Complete feasibility studies on technical proposals
 - Commence priority innovation projects

- Medium term (years 2-5)
 - Carbon Trading Environment from April 2011
 - Delivery 'Heart's and Mind's' workstream
 - Complete Smart meter installation
 - Deliver major carbon reduction projects (Workstyle / BSF etc)

- Long term (5+ years)
 - Too early to speculate

Summary

- Excellent focussed progress
- Challenge to set realistic deliverable targets
- Building engagement with Departments and Schools
- Significant officer resources applied to this