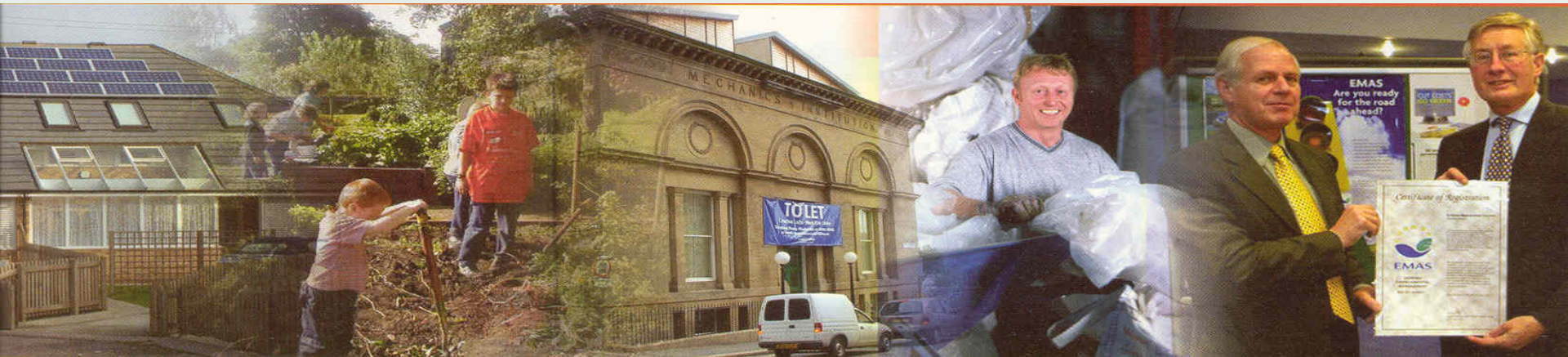


# Adaptation Plans linked with EMS



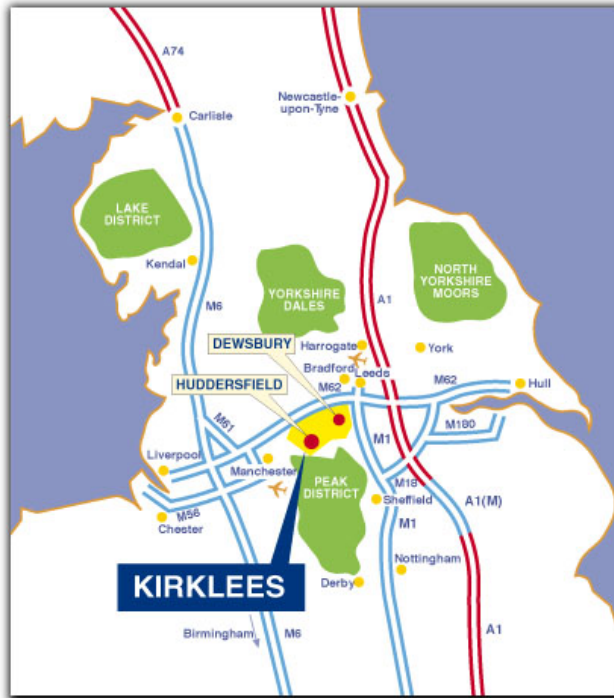
*Adele Wiseman  
Kirklees Council*



# Discussion

- Background
- National networking in England
- EMAS and how we have used our system to assist us to report on the new national indicators
- How Kirklees Council is addressing NI 188 – Planning to adapt to climate change
- What we plan to do and what support is available

# Background - Council



- North of England
- 27 service areas
- 19,500 employees
- 1200 buildings
- £470,000,000 (including grants)

## *Example Services*

- housing
- highways
- refuse collection
- social care
- planning
- estates management
- regulator

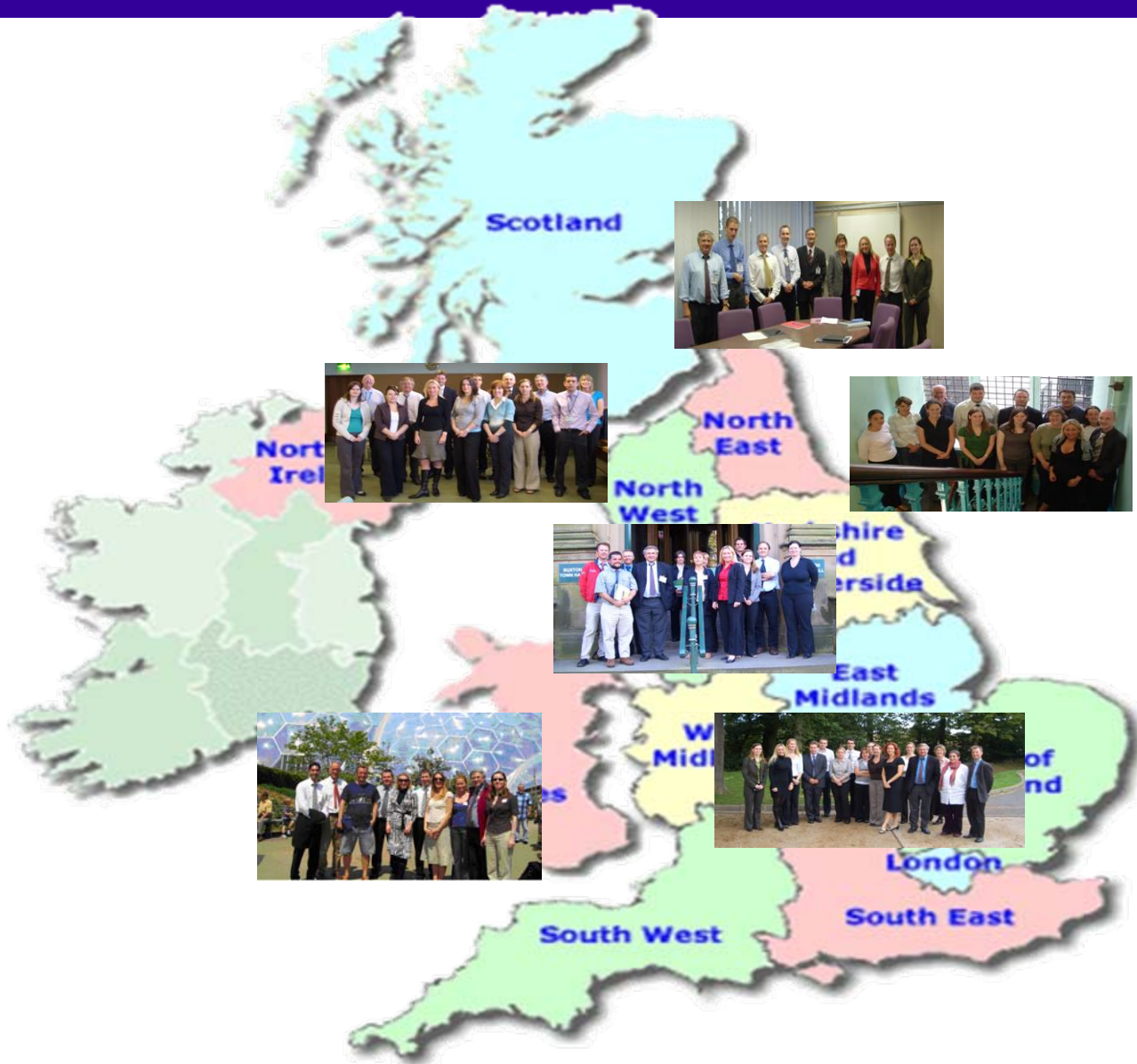
- 41,000 hectares
- 400,000 population
- 30% High Density Urban
- 70% Greenbelt

# Background - EMAS

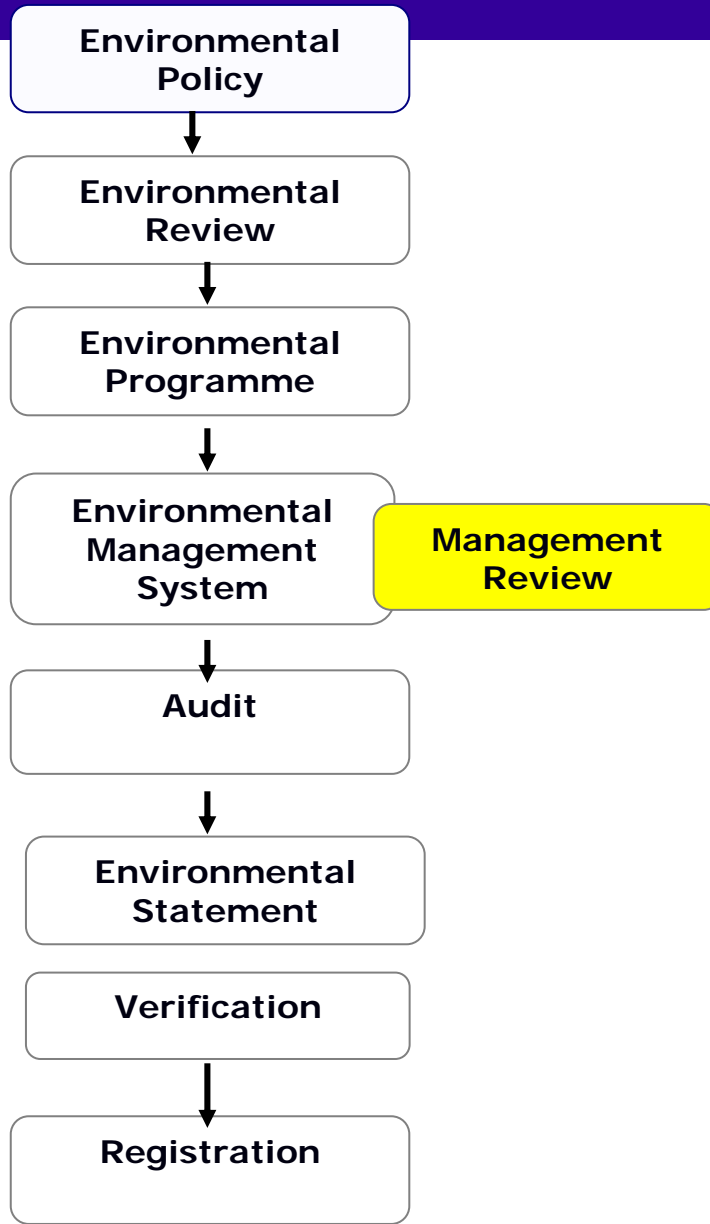
- Environmental Policy 1996
- Adopted EMAS 1998
- Committed to a 3 year implementation plan – 2000
- Year 1 - 9 departments
- Year 2 - 18 departments
- Year 3 - All 33 departments succeeded



# National Networking



# EMAS Process – 8 Stages



**EMAS**

**VERIFIED  
ENVIRONMENTAL  
MANAGEMENT  
UK-000111**



**EMAS**

# M&A in EMS

- As part EMAS management review process services started to develop mitigation and adaptation plans
- These plans are audited internally and externally verified
- Objectives and targets are reflected in the service planning process.

Management control	Control status	Timescale	Objective	Target	Performance indicator	Target owner
Reduction of energy use in service offices	Existing	Annual	EG1, EG2	To reduce service energy use by 3% per year	% of energy reduction per annum	A. Person

# Carbon Star Chamber

- All party budget meeting to examine the carbon impacts of service budgets
- Directors and Heads of Service answer questions about how their budget addresses the need to mitigate AND adapt to climate change



# Direct CO<sub>2</sub> emissions

Information taken from the Corporate EMAS report – breaks down service CO<sub>2</sub> emissions for energy, water, employee mileage, fleet mileage and waste

## Carbon emissions

Buildings Emissions					Employee Mileage		Fleet Transport	
Electricity (kWh)	Green Electricity (kWh)	Gas (kWh)	Oil (kWh)	CO <sub>2</sub> (Tonnes)	Miles Claimed	CO <sub>2</sub> (Tonnes)	Fuel Use (Litres)	CO <sub>2</sub> (Tonnes)
14,634	14,634	0	0	0	4,803	1.6		

Note: Green Electricity Tariffs do not carry a CO<sub>2</sub> value for reporting.

**How will you reduce your emissions (tonnes) from buildings and transport?**

**NI 185 - CO<sub>2</sub> reduction from local authority operations**

- corporate target is 2.5% reduction (cumulative) = 31.5% by 2020



# Indirect/wider CO<sub>2</sub> emissions

## Service EMAS Mitigation & Adaptation Plan

How do you intend to reduce you indirect/wider emissions?

### Examples

- Wherever possible supplies are procured locally
- Partnership working in place and partners are aware of our green ambition
- Planning to produce a green code of conduct for all staff

**NI 186 - Per capita reduction in CO<sub>2</sub> emissions in the LA area**

Proposed LAA target is 3.0% reduction p.a. (from 2005) = 45% by 2020

# Adapting to climate change

## Service EMAS Mitigation & Adaptation Plan

How are you planning to adapt to climate change?

### Examples

- Strategic response to flooding
- Sun cream now part of PPE

### NI 188 - Adapting to climate change

Corporate Adaptation plan (under development)

# NI188 Adaptation

- Kirklees is one of three LAs in regions to choose NI188
- Measure progress preparedness in addressing the risks and opportunities of climate change
- NI188 uses 5 level arrangement from 0-4 levels
- Kirklees target is to start at baseline level 1 and move to level 4 by 2010/11
- Indicator require movement of at least one level a year

# What have we done & need to do ..

## Level 0

### DONE

- Identified a lead
- Had discussions as to how to approach NI188
- Pulled together existing sources of risk assessment and adaptation planning eg.
  - Heat Wave Plan
  - Server Weather Emergency Plan

# What have we done & need to do ...

## Level 1

### DONE

- Commitment through Nottingham Declaration
- Leaders and senior management have a good commitment but a poor understanding of the amount of work needed
- Communicated to all level service heads via the Carbon Star Chamber process

### NEED TO

- Develop a local climate change profile (Leeds got students to do this research)

# Future Actions

- Made a good start in building in adaptation at service level and will build on this process to assist in developing a more strategic adaptation plan for the council
- Identify the likely weather patterns make plans more robust.
- Set up a Strategic Adaptation Working Group bringing together partners: Environment Unit, Highways, Emergency Planning, Planning, DPS, Housing, Adults and Communities, PCT, EA etc.

# Help available

- GOYH
- Linking in with UKCIP (UK Climate Impacts Programme) to keep up to speed with the latest developments/help on developing a LCIP
- Recruiting dedicated officer to co-ordinate the task
- Liaising with Leeds and Sheffield about how they are approaching this
- Monies available in the Yorkshire Regional Improvement and Efficiency Partnership for climate change

# Kirklees Information Share

- EMAS Log
- Carbon Star Chamber Proforma
- Complete service proforma's
- EMAS Report
- Legal Register Demo

**Thank You for Listening**

