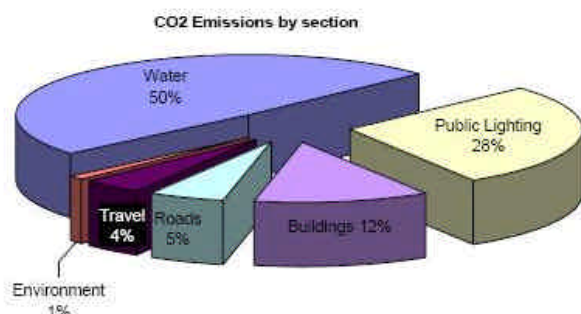




# North Tipperary County Council Climate Change Strategy



*The National Climate Change Strategy 2008-2012 detail that Local Authorities have significant influence over emissions in their local areas, both directly in relation to reducing emissions through their own energy use and procurement activities, in raising awareness and stimulating action in local communities, and indirectly through the exercise of their housing, planning, and other statutory functions.*



## Climate Change Actions Taken to Date by North Tipperary County Council

- ⇒ House of Tomorrow program: Energy Efficiency retrofitting of Social Housing
- ⇒ Climate Change Committee (Formerly Energy Management Committee)
- ⇒ Public Lighting best practise implemented.
- ⇒ ENER-in-TOWN Intelligent Energy Europe energy efficiency project.
- ⇒ Pump and Controls Upgrade in Nenagh Regional Water Treatment plant.
- ⇒ Energy reduction actions saving 10% in North Tipperary Civic Offices.
- ⇒ Tariff and supplier management saving -€100,000
- ⇒ Energy Efficiency training to Social Housing Residents as part of Intelligent Energy Europe project SHARE (Social Housing to Reduce Energy Consumption)
- ⇒ Biofuels in Local Authority vehicles through the Bio-NETT Intelligent Energy Europe project

## North Tipperary County Council Climate Change Plan

### Roads and Water Services Directorate

- ⇒ **Water Services (50% of CO<sub>2</sub> Emissions)**
  - ⇒ Full bottom up audit of each main energy using site
  - ⇒ Energy Monitoring of larger sites (continue existing projects)
  - ⇒ Controls upgrade analysis
  - ⇒ Pump efficiency upgrade program.
  - ⇒ New build for energy efficiency.
- ⇒ **Roads (33% of CO<sub>2</sub> Emissions)**
  - ⇒ Biofuels implementation team (progress from pilot projects)
  - ⇒ Green Procurement of Vehicles: Efficiency and Biofuel capable
  - ⇒ Sustainable transport program for LA (Eco-driving training, Mobility management etc)
  - ⇒ Machinery yard energy efficiency and renewable energy audits
  - ⇒ Public Lighting best practise pilot projects

### Housing

- ⇒ **Public Buildings (12% of CO<sub>2</sub> Emissions)**
  - ⇒ All public buildings will be rated. G rated will be reviewed for cost effective upgrading
  - ⇒ New build/ major refurbishment to have alternative energy supply review
  - ⇒ Energy Efficiency audits for building lighting and heating.
  - ⇒ Carbon neutral heat and electricity supply investigation
  - ⇒ Pilot RE & EE projects to be completed.
- ⇒ **Local Authority Housing**
  - ⇒ Survey to be completed (paper) by Mar 2008. (Baseline)
  - ⇒ G rated upgrade assessment and recommendations.
  - ⇒ Rate current new build spec and review financing mechanisms. Complete best practice analysis (cost/ technology/ practicality)
  - ⇒ Large development best practice to be reviewed (RE district heating/ passive design etc).
  - ⇒ All Social housing staff & residents to go through energy awareness program.

### Other Directorates

- ⇒ **Environment & Emergency Services Directorate:**
  - ⇒ Energy Awareness Program: "Energy X-Change" Intelligent Energy Europe Project
  - ⇒ Newsletters, incentives, information campaigns.
  - ⇒ Energy Efficiency & Renewable energy Audits for all Environment sites (Civic amenity, landfill etc)
  - ⇒ Energy Neighbourhoods (climate change challenge for neighbourhoods organised by town councils in Nenagh and Thurles)
  - ⇒ Training and information for staff & members
- ⇒ **Corporate Support:**
  - ⇒ IT Energy efficiency program (No PC's running unused, best in class power use and management).
  - ⇒ Public procurement policy and training where required.
- ⇒ **Community, Enterprise and Planning**
  - ⇒ SERVE Project: Creating a sustainable energy region in North Tipperary as part of the EU Framework 6 CONCERTO program
  - ⇒ Planning information to Applicants
  - ⇒ Chair of Midwest Regional Authority Sustainable Energy Planning Group
- ⇒ **Finance:**
  - ⇒ Alternative financing mechanisms to fund energy efficiency and renewable energy projects