

Warwickshire **Climate Change Strategy**

'Thinking global, acting local'

Presentation to

Warwickshire Waste Partnership, Tuesday 3rd October 2006

Dr. Jacky Lawrence

Strategic Energy Manager
Warwickshire County Council



Warwickshire **Climate Change Partnership** Impact

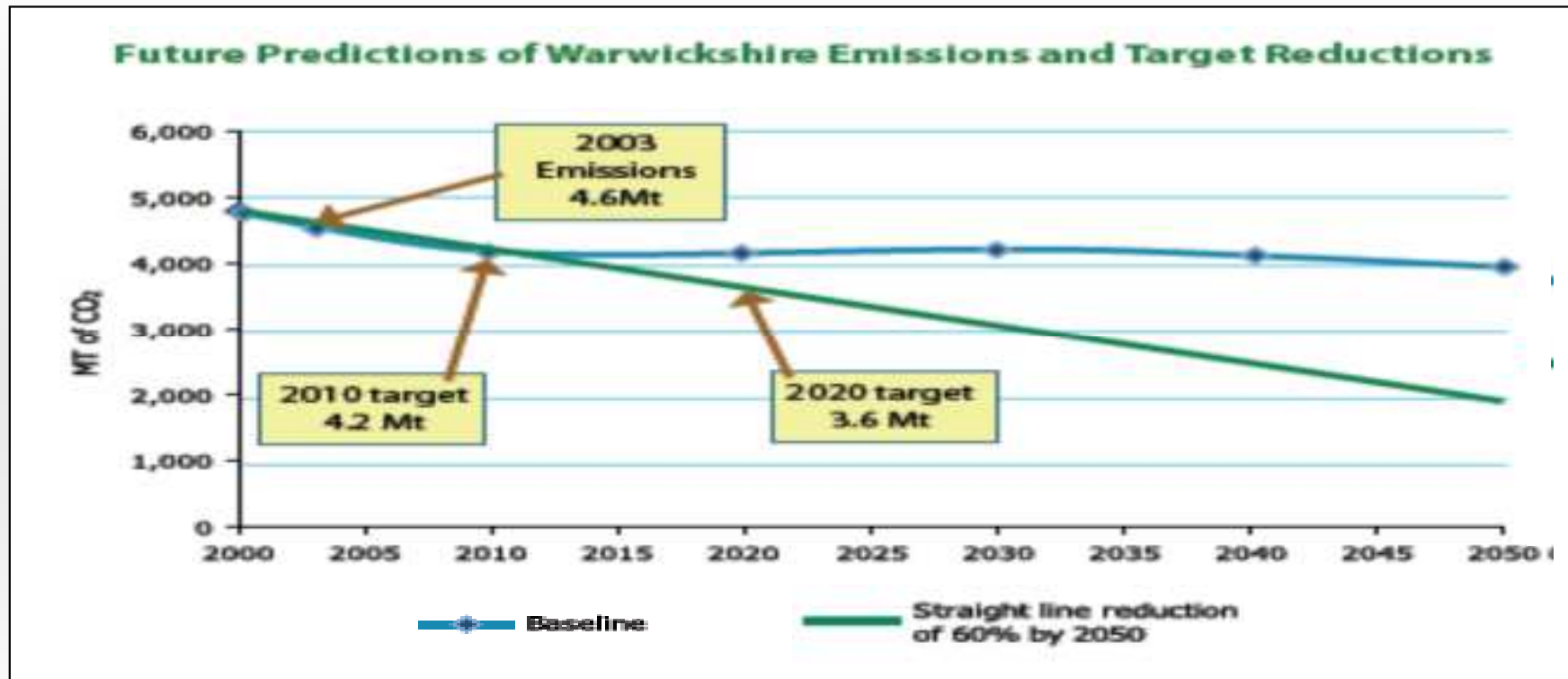
extreme weather events will increase in intensity,
duration and frequency

gradual changes

- warmer wetter winters
- hotter drier summers
- less summer cloud cover



Warwickshire Climate Change Partnership Clear Objective

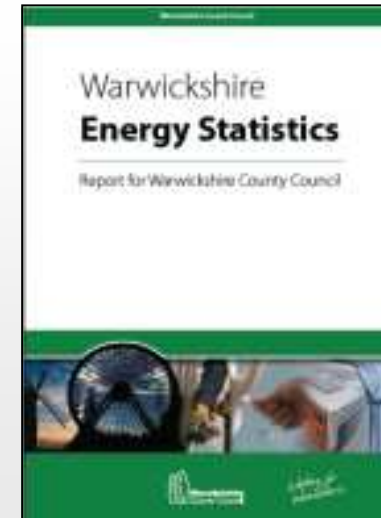


**To deliver our County's share of the national 2050
greenhouse gas emission target**



Warwickshire **Climate Change Partnership Strategy**

- Baseline data collated
- Strategy launched on 3rd July 2006
- 5 Key Areas
 - Resource Efficiency
 - Energy
 - Transport
 - Adaptation
 - Communication & Education



Warwickshire **Climate Change Partnership** Early Actions

- Warwickshire Waste Partnership members to agree a county-wide waste minimisation strategy.
- Create a business network to assist in the minimisation of commercial and industrial waste.
- Put in place the investment necessary to achieve the 40%-45% composting and recycling targets for household waste by 2010.



Warwickshire **Climate Change Partnership** Action Plan

How can your organisation help to deliver the action plan?

STRATEGY AREA		Action Area / Project	Lead Organisation	Support Organisations
		2006 / 2007 Please insert name of organisation, named person and contact details		
Resource Efficiency	1	EU Energy Performance of Buildings Directive (legal req)		
	2	Sharing of Best Practice in Sustainable Procurement		
	3	Developing Supplementary Planning Guidance for climate change, renewable energy, energy efficiency		
	4	Implementation of Corporate Waste Minimisation Strategies		
	5	Extending NISP into Warwickshire		
	6	Development, Implementation and Monitoring of a Countywide Warwickshire Waste Partnership Strategy		



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www.warwickshire.gov.uk/climatechange



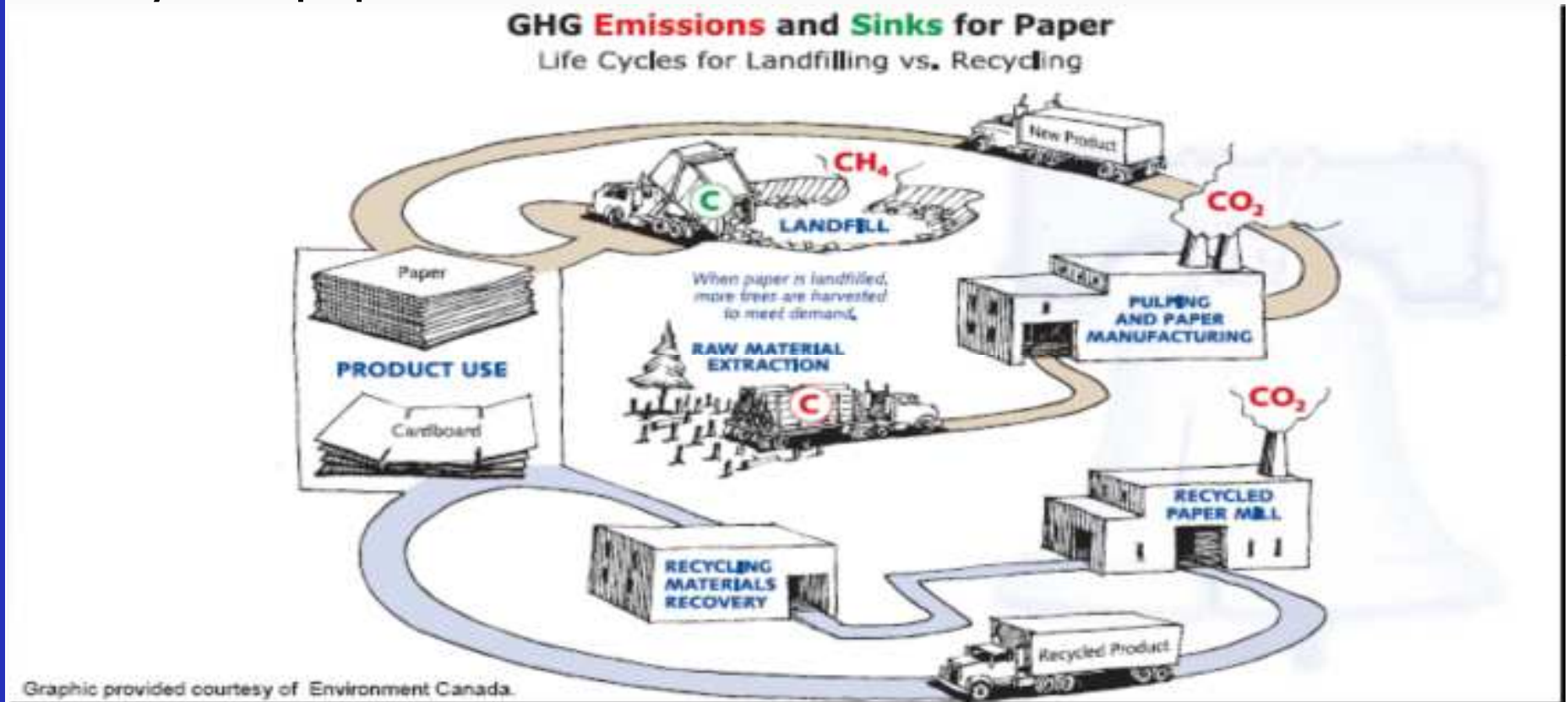
Recycling – why bother



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Life Cycle - paper



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Warwickshire **Climate Change Partnership**

Waste hierarchy

Greenhouse Gas Emission Factors (MTCE per short ton)

Material	Source Reduction	Recycling	Landfilling, National Average	Landfilling, No Recovery	Landfilling, Flaring	Landfilling, Energy Recovery	Combustion	Composting
Aluminum Cans	-2.42	-4.03	0.01	0.01	0.01	0.01	0.02	NA
Steel Cans	-0.87	-0.49	0.01	0.01	0.01	0.01	-0.42	NA
Glass	-0.14	-0.08	0.01	0.01	0.01	0.01	0.01	NA
HDPE	-0.48	-0.38	0.01	0.01	0.01	0.01	0.23	NA
Corrugated Cardboard	-0.71	-0.75	0.08	0.27	-0.09	-0.153	-0.19	NA
Phonebooks	-1.40	-0.91	-0.21	-0.12	-0.29	-0.319	-0.21	NA
Personal Computers	-15.62	-0.74	0.01	0.01	0.01	0.01	-0.06	NA

Ref: USEPA

www.warwickshire.gov.uk/climatechange

