



Campaign to Protect  
Rural England  
Standing up for your countryside

# Standing up for your countryside

CPRE Cambridgeshire  
and Peterborough





CPRE Cambridgeshire and Peterborough is our local branch of CPRE, a national charity. We speak up for the English countryside:

- to protect it from the threats it faces
- to shape its future for the better
- to promote and enhance our communities and countryside to make them better places to live, work and enjoy.

# What we do:

- We campaign for positive solutions for the long-term future of the countryside
- We produce in-depth research and sound arguments to influence decision-makers
- We protect the Green Belts and promote urban renewal and the restriction of development on greenfield sites
- We campaign for the protection of our most important national landscapes as well as the countryside on our doorstep

# Local CPRE Connection:

- 1859 Ruskin concerned by London urban sprawl, echoed by William Morris & others
- Octavia Hill coined the term 'Green Belt'
- December 1926, Council for the Preservation of Rural England, first meeting
- 1954-6 established 14 statutory Green Belts

Our county has much of the best agricultural land in the country.

Grows large areas of horticultural crops

The Fens produces c. 24% of UK food supply.



# Threats to our countryside include...

- Climate Change
- Flooding
- Inappropriate development - “the wrong development in the wrong place”
- Building on the Cambridge Green Belt
- Road building & other infrastructure
- Urban sprawl
- Incinerators

# Threats - Climate Change

Climate change is the greatest threat facing the Fen countryside, which will be on the 'front line' against issues caused by rising temperatures.

On 14th May 2019  
Cambridgeshire County  
Council declared a  
Climate Emergency.



# Climate Change affects Golf Courses or vice versa?

Hi-res JPG file download - Resolution 5000x3750px - www.psdgraphics.com



# Climate Change affects our Golf Ball



# Climate Fragility is part of the Global System

- Breathable atmosphere 7-8 km (22–26k feet)
- “Average” Earth Diameter - **12,750 km**
- Including breathable atmosphere – **12,770km**
- Atmosphere depth as % of Earth diameter - **0.06%**
- Golf ball Dimple depth as a % of diameter (0.98mm / 42.67 mm) c. **2.3%**
- **Atmosphere% compared to Dimple% = 2.6%**
- Good golfers keep their balls clean

# Flood Risk increasing:

- Sea Level Rise in the Wash: 3mm per year
- IPCC 2014 Global sea level rise: 1 mtr by 2100
- IPCC 2019 Global sea level rise: 1.1 mtr by 2100
- EA plans for 1 mtr by 2100 for Ouse Bank raising
- Climate Central predict up to 4.7 mtr if +2°C

## Relevant Local Threats:

- Poor Waste Management
- Low re-cycling rates
- Poor quality re-cyclate - glass
- Landfills used as dumps not mines
- Waste Incineration (aka Waste Recovery Facilities)
  - Waterbeach Incinerator
  - Wisbech Incinerator
  - Warboys Incinerator
  - Peterborough 2 Incinerators

# Issues with Wisbech and Incinerator Technology:

- **Landscape**

95 mtr chimney vs 66 mtr South Tower of Ely Cathedral  
Main building higher and more massive than Cathedral  
See for miles.

- **Carbon Dioxide Emissions**

Incinerators burn plastics and other organics  
Potentially, all plastics are now recyclable  
Other organics can be composted

# Issues with Wisbech and Incinerator Technology:

- Recent Improvements in Plastics Recycling

New Markers make black plastic identifiable to existing waste sorting machinery - April 2019

Chemical markers proven to quickly and accurately segregate food-grade plastics - August 2019

Trifol process turns plastic waste into waxes which can be used for new plastic, lubricants or fuels - Sept 2019

Mixed plastic waste used to make railway sleepers.  
Feasibility demonstrated by TRL Limited.  
Manufacturing and use now established in the UK.

Waste plastic used as a component of road surfaces.  
Used in Scottish development - Feb 2020.

# Issues with Wisbech and Incinerator Technology:

- Particulate Emissions

PM2.5 & PM1.0 cannot be consistently filtered out of stack emissions

24,800 deaths in UK in 2017 (Statista)

257 deaths in Cambridgeshire in 2010 (JSNA) 5% of deaths

Ill-health

Fenland 54 deaths and 562 life years lost in 2010 (JSNA)

EU & WHO - no safe limit. Current limits are set up as reducing limits to be reviewed every 5 years.

(County Transport and Health Joint Strategic Needs Assessment - May 2016)

# Issues with Wisbech and Incinerator Technology:

- Heavy Metal Emissions

Typically Nickel and Cadmium - EU no safe limits

Source - small batteries not captured in sorting

Airborne limits will be met

However, these materials deposit out onto surrounding surfaces and plants.

Build up in soils, taken up by crops.

# Issues with Wisbech and Incinerator Technology:

## Dioxins

Sveso disaster, resulted in many deaths and birth defects

Dioxins can form if the temperature of burning of plastics and other long chain hydro-carbons is not controlled within a tight range

It is very difficult to do this with the variable fuel quality and chemical composition of the fuel in a waste incinerator

## Way Forward - Dialogue:

Open a dialogue with the Developer and German parent

Ask the developer to answer your MP's 10 questions

Ensure you learn from other applications and operating sites - UKWIN

Attend the consultations and ask questions

Write to your MP - Press for the Incinerator Tax now

Engage with your Town, County and District Councillors positively

Write to the Planning Inspectorate

Above all - WORK TOGETHER

CPRE will help you but we are not experts.

# We depend on local support- join us today!

CPRE Membership from £3.00 per month

Receive our regular national Countryside Voice magazine, featuring news and updates on our campaigning work, in-depth features, lively opinion pieces, letters from readers, beautiful photographs and much more.

Membership entitles you to discounted entry to around 200 of England's most splendid houses and gardens.

Save money on outdoor gear for your next walk or adventure with 10% off at Cotswold Outdoor.

From Cambridgeshire and Peterborough branch, you'll receive a local newsletter, quarterly new update and annual report.

Want to do more?

- Become a local campaigner
- Get involved in projects
- Help fundraising

# Cambridgeshire and Peterborough countryside - worth protecting





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Thank you

[www.cprecams.org.uk](http://www.cprecams.org.uk)

