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FBCA
Federation of Burial
& Cremation Authorities

The Climate Emergency;

What changes can crematoria, funeral directors and cemeteries make to protect our environment?

Scott Storey

17th February 2021

Our Panelists.



Brendan Day
Secretary - FBCA

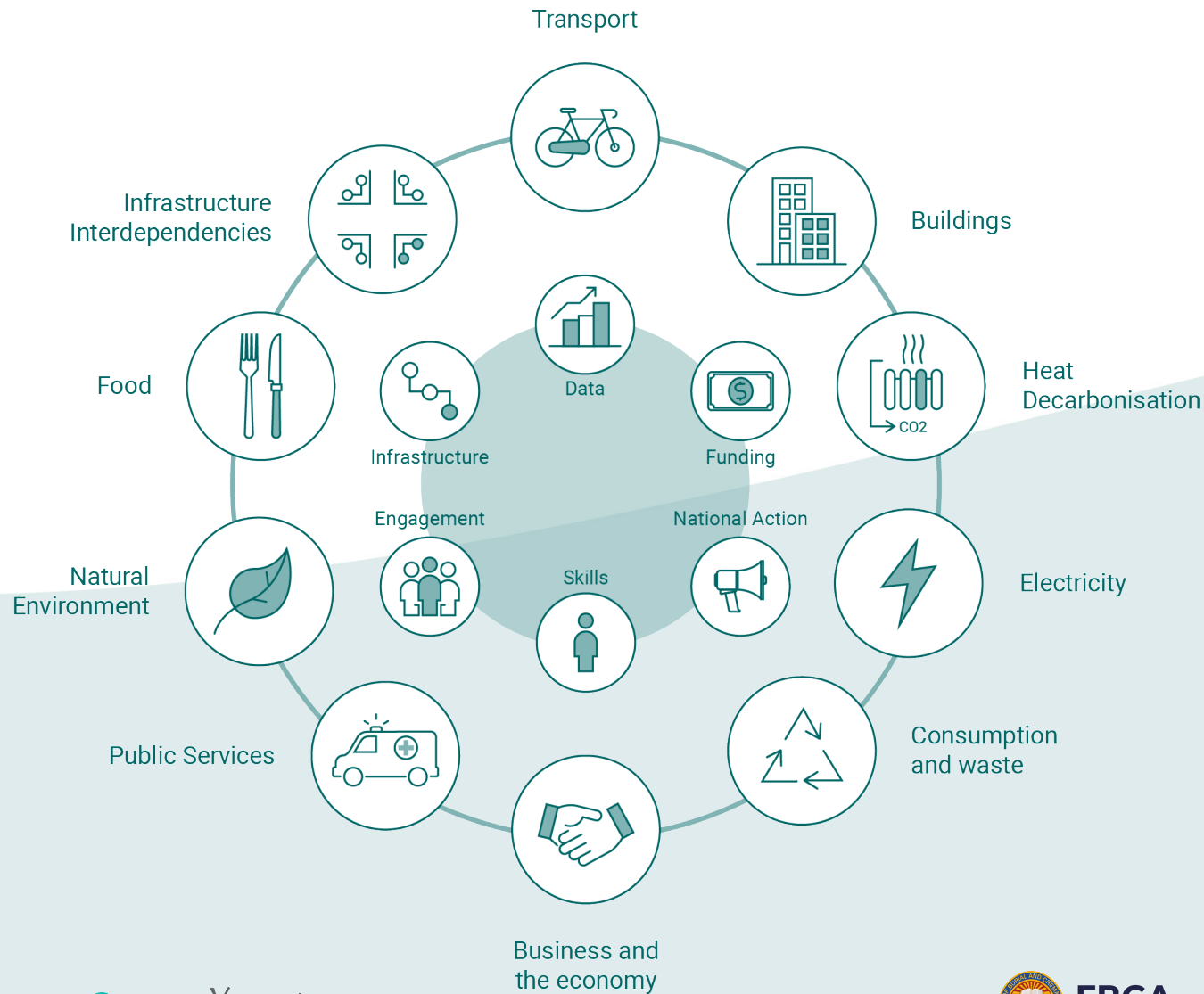


Phillip Peacock PSLCC
Town Clerk
Huntingdon Town Council



David Collingwood
Funeral Services Professional

Environmental Impact - What needs to be considered ?



70% of local authorities in the UK have already declared a climate emergency and are implementing plans to address these issues.

Bereavement Services are inevitable and will always have an impact on the environment. This impact must be reduced as part of climate emergency plans.

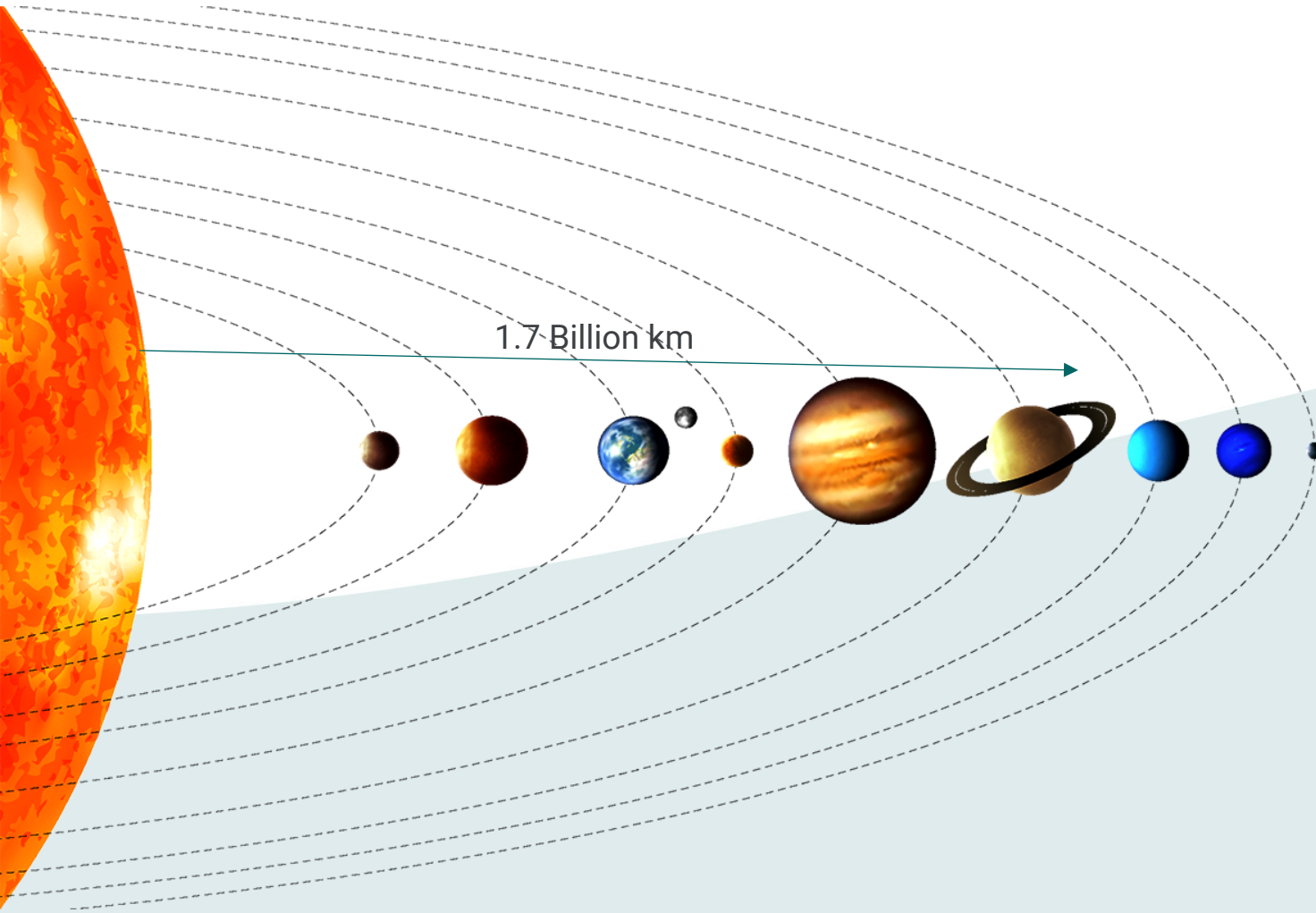
Emissions

To offset current **Carbon Dioxide**(CO₂) emissions from cremations in the UK, it is estimated it would require the planting of over 1 Million Trees...

EVERY YEAR



Emissions



Nitrogen oxide (NO_x) is a by-product of chemicals used in embalming and coffin construction and thermal NO_x is generated from the process of combustion.

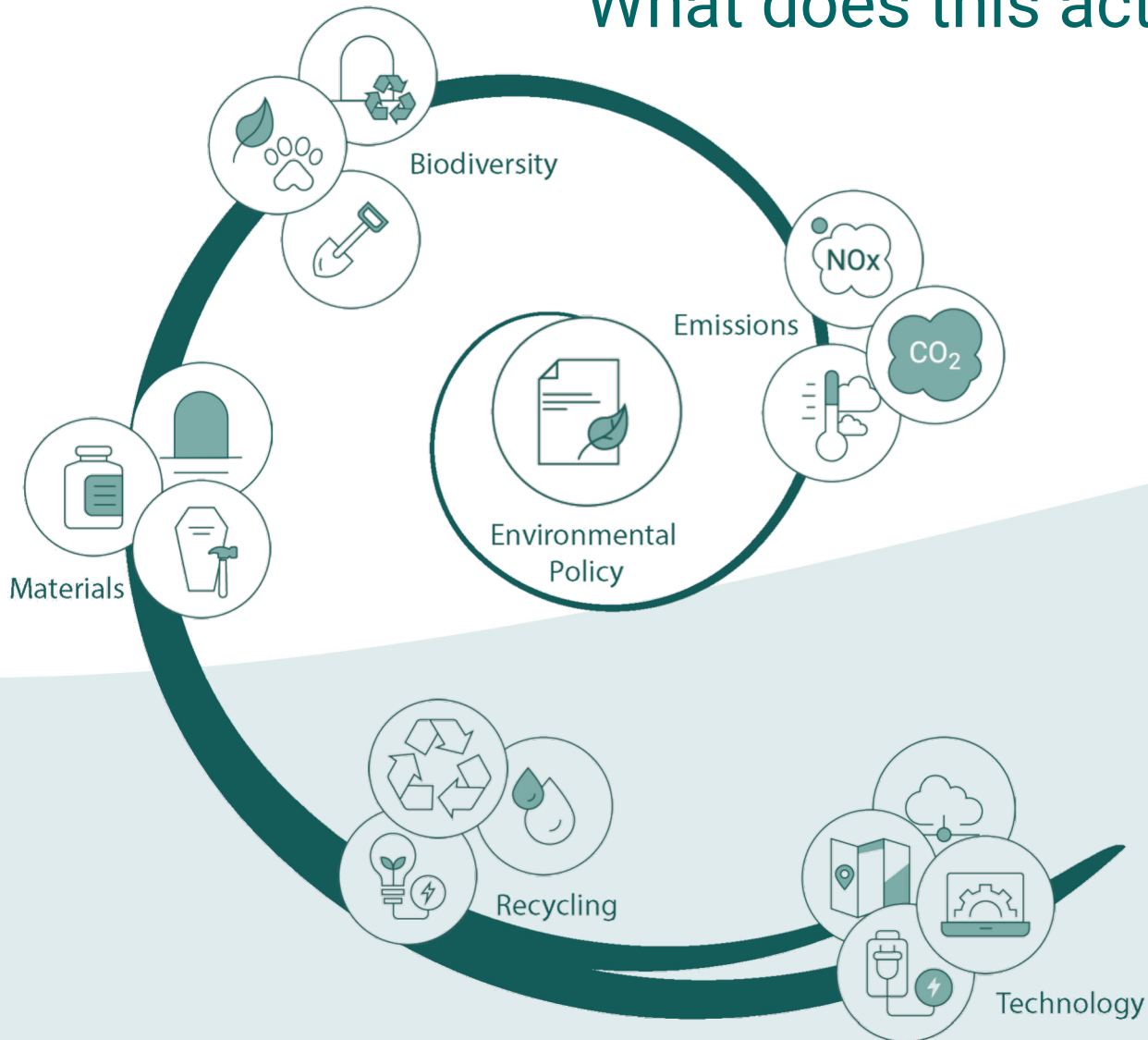
Nitrogen oxide (NO_x) emissions from cremation in the UK alone is estimated at the equivalent of a car travelling 1.7 Billion km

or

the distance from the sun to beyond Saturn...

EVERY YEAR

What does this actually mean to me?



Whether you operate a Crematorium, manage a Cemetery or manage the Funeral Arrangements , there is a direct impact on the environment.

Collectively there is a need to manage our environmental impact as early as possible in the cycle.

The FBCA view

Brendan Day



Key Environmental Disruptors



- Public Opinion
- Customer Choice
- Legislation
- Investment

The Federation Response

The National Executive Council recognises the need for the Federation to react proactively to the increasing global emergency and will seek to support its members take positive steps to help protect the environment;

The Federation will play a full role working with like-minded organisations to develop initiatives, such as the Environmental Stewardship Group, to further the objective set out above;

The Crematorium Compliance Inspection scheme will be extended to include a section on the environment.

National Executive Committee

19th October 2020

Environmental Awareness Report

- Cremator Operation
- Grounds and environmental related initiatives
- Organisational culture
- Energy usage



Environmental Policy Statement



FBCA
Federation of Burial
& Cremation Authorities

Environmental Policy Statement

As the UK's principal representative of Burial and Cremation Authorities the FBCA and its members are committed to continually reviewing and improving its activities, products and services in relation to the environment.

FBCA members shall endeavour to adhere to the following aims:

- C**remation Authorities will comply with environmental legislation and seek continual improvement in environmental performance.
- O**perate processes in such a way as to minimise environmental impact.
- M**aximise the energy efficiency of crematoria and ancillary facilities.
- M**anage the procurement of goods and service ensuring sustainable sources are used wherever possible.
- I**mplement procedures and policies within the organisation, to minimise waste and improve pollution prevention control.
- T**ranslate the environmental processes that have been implemented into a defined Environmental Management System.
- M**onitor the environmental performance of suppliers and encourage and assist them to develop or improve upon their ethical and environmental policies through partnership working.
- E**ncourage employees at all levels within the organisation to take ownership for good environmental practice.
- N**ominate a named individual to champion environmental stewardship throughout the Cremation Authority and be responsible for environmental oversight.
- T**hrough regular meetings and good communications encourage the active participation of key stakeholders including the bereaved, funeral directors and local politicians, to support the delivery of environmental improvements.

Cllr Marren
FBCA President

Crematorium
Council Leader/Director

Date:

The Funeral Director's Perspective

David Collingwood



The Challenge

- The role of the funeral director is to discuss, organise and deliver a funeral according to the wishes of their client/family.
- Environmental concerns take a secondary place to choice and personalisation with many families.

Issues

- Vehicles
- Coffins and fittings (emissions)
- Care of deceased, embalming, formaldehyde, implants, amalgam, modern treatments. TCU areas and operation
- Flowers.
- Burial/ cremation and alternatives
- Headstone material and ethical sourcing. (Supply chain)

Context and Opportunity

- Tradition still Influences the majority of funerals.
- Inertia in some parts of the Sector
- No imperative for voluntary change. Change only where legislation requires it.
- Manufacturing and suppliers
- Formaldehyde free fluids
- Resomation. Reuse of graves.
- More use of standard vehicles in ceremonial process.
- Sources of energy for funeral homes and care centres
- Use of native materials for memorials. Memorial re use.
- Market disruption- Technology and on-line opportunities
- Changing choice- Direct cremation and celebration of a life events.

The Huntingdon Concept

Philip Peacock



The Huntingdon Concept

- IDENTIFIED NEED
 - Cemetery
 - Crematorium
 - Depot & Glasshouse
 - Environmental Agenda



The Huntingdon Concept

ENVIRONMENTAL AGENDA

- Challenge the existing practices
- Offer new alternatives
- Technology



The Huntingdon Concept

DELIVERY

- Cemetery – 2,000 burial plot
- Crematorium
 - Green Electricity
 - Two DFW Electric Cremators
 - Rain Water Harvesting
 - Waste Heat Harvesting via Heat Exchanger



The Huntingdon Concept

ENVIRONMENTAL CHALLENGES

- Electric Cremator – using ‘green electricity’
- Coffins
- Ashes
- Flowers – Compost & reduce plastics
- Memorials
- Embalming
- Carbon Tax

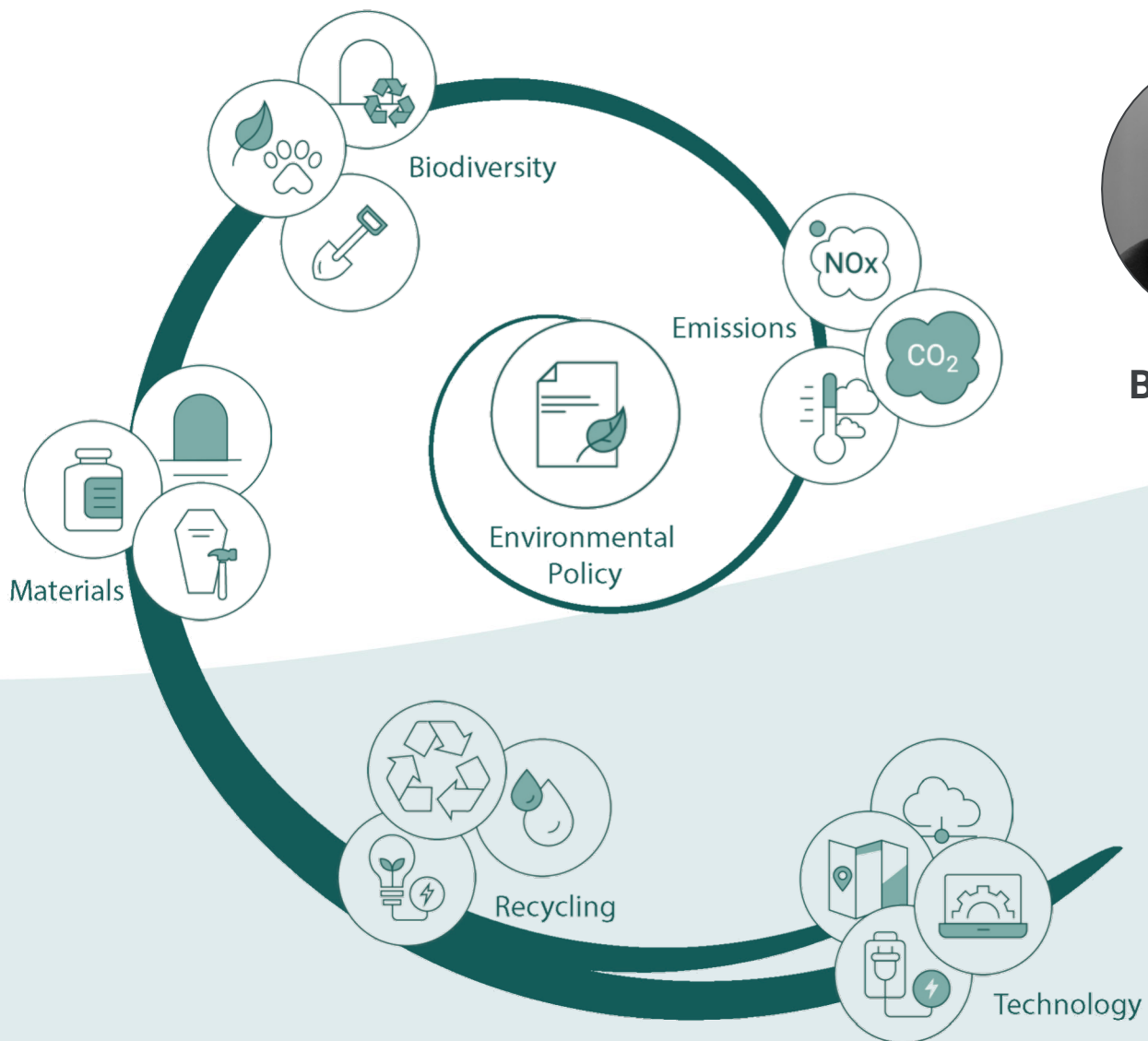


The Huntingdon Concept

DEPOT & GLASSHOUSE

- Air-source heat pump
- Solar Panels to generate power to recharge battery operated tools
- Composter
- Rain Water Harvesting
- 30-50% Greenhouse heat harvested via waste heat from cremators
- Trees





Brendan Day



Phillip Peacock



David Collingwood

Q&A



Thank you.

Join Us for Upcoming Events	Date
<i>How using CRM systems can revolutionise your Funeral Director Business.</i>	25 th February – 10.00am
#2 The Climate Emergency: contributing to change locally and strategically	17th March - 10:00am
How Funeral Directors can build winning campaigns with existing data	25 th March – 10:00am



Brendan Day



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