"We operate as a social business that exclusively focuses on covering delivery costs."



By utilizing recycled plastic, which requires five times less energy to produce and is not incinerated through waste-to-energy (WTE) methods, we effectively reduce associated emissions by 30%.

ECO BURIAL CHAMBERS

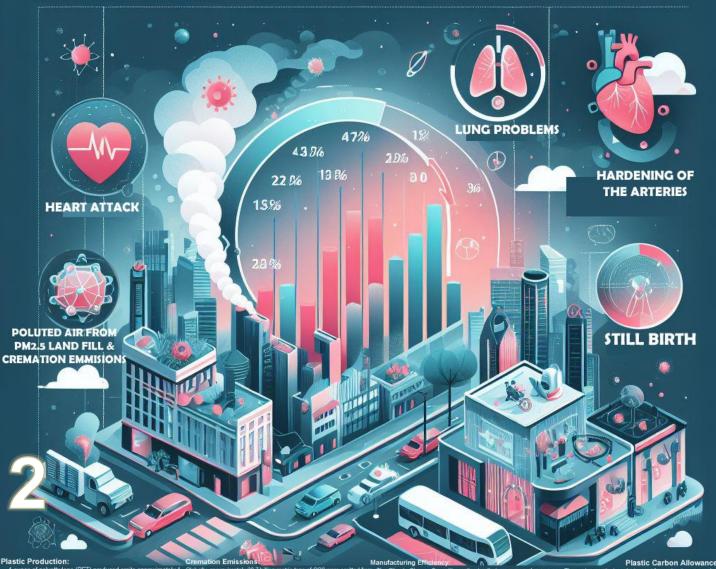
WWW.ECOBURIALCHAMBERS.CO.UK



Space saving, environmentally friendly burials Partner with local authorities and ready to develop & scale with your help

Presentation by ALEX MORGAN

IMPACTS OF TOXIC EMMISIONS & PM2.5



1 ounce of polyethylene (PET) produced emits approximately 1 Globally, approximately 32.7 billion metric tons of CO2 were emitted from The Climate Change Committee estimates that resource and energy ounce of carbon dioxide (CO2) (EPA):

carbon emissions compared to original processing and

Air pollution increases the risk of lung cancer, cardiovascular disease

efficiency in manufacturing can abate up to 314 million metric tons of

Eco Concrete

Eco concrete made with 30% Biffa Certified Locally Recycled

1 Unit / 84 Niche Eco Burial Chambers 16 EBC Plastic Carbon Allowance @ £95 per EBCPCA = £ LA Offset

PROBLEM

A) THERE IS NO MORE ROOM FOR BURIALS

> B) POLLUTION TO UNACCEPTABLE LEVELS

ECO BURIAL CHAMBERS



LACK OF BURIAL SPACE



Forecast:

In UK 36 local authorities, every single care home is located in areas with PM2.5 levels above the limits recommended by the WHO.

A quarter of 358 local authorities responding to the BBC said they would have no more room for burials by 2030.

Alex Morgan CEO founder, Clean-wave.org



NEWS

England | Local News | Regions | London

Tottenham Park Cemetery threatened with closure



itors would still be allowed access to the graves

The government has applied to close Tottenham Park Cemetery after it said the owners "repeatedly failed to ensure the safety of burials".

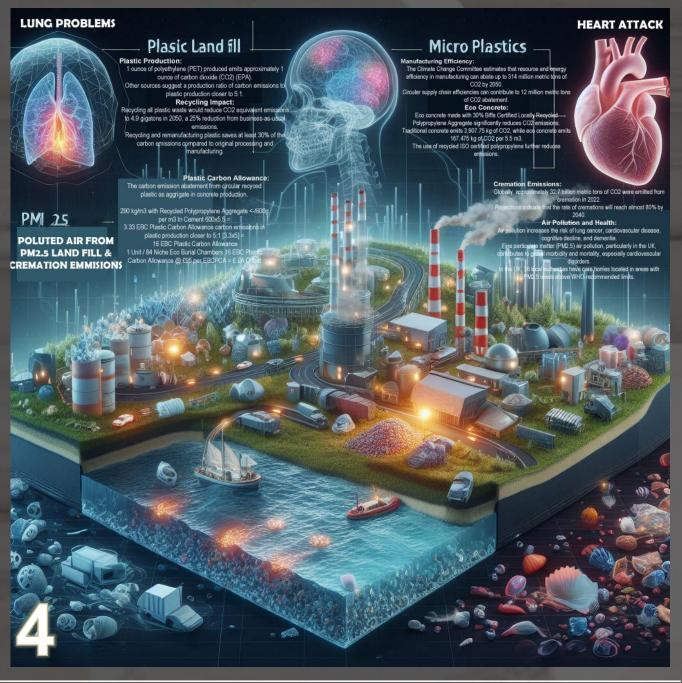


The vast majority of the items the researchers saw the hermit crabs using in the photographs were

Table 2.1: Projected total burials and required burial space for inner London boroughs for the period 2010/1-2030/1

Borough	Total estimated deaths	Estimated cremations	Total estimated burials	Estimated re- opens	New burial spaces required
Camden	24,139	12,634	11,505	2,261	9,244
City of London	970	566	404	95	309
Hackney	24,057	12,065	11,992	2,203	9,789
Hammersmith and Fulham	17,737	10,588	7,149	1,656	5,493
Haringey	24,011	12,773	11,238	2,277	8,961
Islington	23,257	13,193	10,064	2,308	7,756
Kensington and Chelsea	16,363	9,583	6,780	1,509	5,271
Lambeth	33,971	20,059	13,912	3,409	10,50
Lewisham	30,704	18,553	12,151	3,035	9,116
Newham	29,621	15,472	14,149	2,176	11,973
Southwark	29,300	17,358	11,942	2,864	9,078
Tower Hamlets	27,367	12,193	15,174	2,074	13,100
Wandsworth	27,669	16,814	10,855	2,630	8,22
Westminster	21,781	12,052	9,729	1,934	7,79
Inner London	330,948	183,904	147,044	30,430	116,61
Barnet	43,261	22,250	21,011	3,458	17,55
Bexley	35,167	22,961	12,206	3,293	8,91
Brent	36,591	22,268	14,323	2,785	11,53
Bromley	48,247	31,260	16,987	4,546	12,44
Croydon	50,498	31,801	18,697	4,525	14,17
Ealing	42,474	26,043	16,431	3,488	12,94
Enfield	41,856	24,759	17,097	3,557	13,540
Greenwich	38,927	23,994	14,933	3,771	11,16
Harrow	29,002	17,797	11,205	2,182	9,02
Havering Hillingdon	39,958 35,629	26,328	13,630	3,696	9,93
Hounslow	29,340	22,972 18,342	10,997	3,116	9,54° 8,58°
Kingston upon Thames	20,833	13,075	7,758	2,410 1,942	5,81
Merton	25,203	15,655	9,548	2,288	7,260
Redbridge	36,815	21,251	15,564	2,759	12,80
Richmond upon Thames	22,274	14,005	8,269	2,153	6,11
Sutton	29,372	18,915	10,458	2,737	7,72
Waltham Forest	31,469	17,631	13,838	2,745	11,09
Outer London	664,874	408,852	256,022	58,016	198,000

ECO BURIAL CHAMBERS



POLLUTION CAUSED BY BURIALS

1. Circular Supply Chains - emissions in plastic production closer to 5:1

recycling plastic saves 30% carbon emissions

- 2. Virgin Burial Space 84 Niche at £1000/20yr = Deferred revenue £84,000.00

 1 sold per month = 8yrs
- 3. Air- Fine dust: PM10 / PM2.5; risk of stillbirth, Heart attack, Lung problems & dementia
- 4. Soil- Formaldehyde disappeared in 10 years; embalmed body contains 180g, nine litres of embalming fluid.
 - **5. Water leached chemicals**, ammonia, formaldehyde, chloride and metals
- **6. Chemicals** Reducing chemicals to ensure carcinogenic formaldehyde doesn't get into the water.

Reduce Pollution

RECAP - WHAT I DO?



Eco Burial Chambers

Not Zero Eco manuscreum for a respectful and lasting legacy













Good afternoon Mr Morgan, 11/01/2024

provided by local crematoria, with the

graves. As a burial authority, we do receive enquiries about these graves,

developing a cremated remains grave

exception of cremated remains

therefore our primary objective regarding cremated remains is

Thank you for contacting Hounslow

Cemeteries and I apologies for the

We are currently looking into providing an option for cremated remains, and in doing so we have visited neighboring cemeteries and crematoria. Our research has demonstrated that many options for cremated remains are already

delay in response.

UK Deaths 2020-2023 = 2,174,730 x10% 217,473

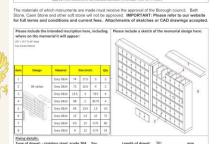
[50% 1000 = 5%] / [50% 12,000 = 5%] Potential Customers x Average Market Price = [Segment] Cremation [5%] Burial 108,736 x £1000 = £108,736,000.00











section.
Yours sincerely

Clare Ward | Senior Citizenship and Cemeteries Coordinator, Deputy Superintendent Registrar Environment, Culture and Customer Relations | Hounslow District Register Office, Feltham Lodge, 38-40 Harlington Road West, Feltham, TW14 OJJ

BUSINESS MODEL









We based our research on market trends and commercial sales

Demand for Cremations

DESIGN

We believe people need sustinable and space efficient buildings

Lack Of Funeral Space To Intern Remains

ABSTRACT

Minimalist design and easy to build

Equal to 430 Trees CO2 Abatement in 1 Year





 $\begin{aligned} W_i &= \left(\frac{16}{G\cdot R^2}\right)\frac{\sqrt{r}}{100} \end{aligned}$ Where $W_i &= \text{The work index} \\ G_i &= \text{Bull mill grind-shifty} \\ \gamma &= \text{Micron size of the mesh of grind.}$ The work index is defined as the kWHI required to grind one tomac of material to 80 per core possing 100 γ .

The work ndex is defined as the kWH required to grind one tonne of muteton 80 per cent possing 100 y.

Approximate power required to grind the material to fineness of 400 m²/kg.

sinc's) was calculated from the equation.

W = The work in kWH/tonne

Feed Back

Month's

ECO BURIAL CHAMBERS

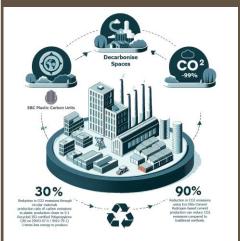


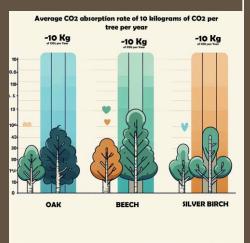
SOLUTION

Supply and Fit Eco Elite Concrete
Foundations with 84 Grey Granite Niche
Columbarium, a structure for the
reverential storage of funerary urns
holding cremated remains of the
deceased.

150 `` x 40 `` [Saves <u>42 Spaces</u> over <u>1 burial</u>]

5 Meters squared Eco Elite Foundations are equal to 430 trees worth of CO2 abatement in 1 Year





TRACTION

10/01/2024 Dear Alex. My name is Rebekah and I am the Cemetery Manager working for Idverde managing the cemeteries on behalf of London Borough of Hammersmith & Fulham. I would like to thank you for sharing your detailed proposal to install columbarium's within our borough cemeteries.

I have begun initial discussions with the council regarding your proposal and feel that this could certainly be a project that the council may want to consider as it gives our clients an additional option for the resting place of cremated remains.

I look forward to hearing from you. Kind regards Rebekah Parrott **Cemeteries Manager Environment Department** Hammersmith and Fulham Council 020 88781934

Rebekah.parrott@lbhf.gov.uk www.lbhf.gov.uk/cemeteries

Hammersmith and Fulham Council

Innovate

The legal duty imposed on local authorities in England and Wales is contained in The Public Health (Control of Disease) Act 1984 [92x] Public health funerals at Hammersmith and Fulham Council 2019-22 = Cost £154,475.00



MEET THE PROSPECTS









conform to the size of the grave space. All memoria

Cemeteries Office

Richmond, Surrey TW9 4LL Tel: 020 8878 1934

Application

for permission to erect a memorial

Margravine Cemetery subject to the council's rules and regulations and in accordance with the particulars stated below.

should be indicated in the inspription).

Kerbs and landings will not be permitted unless they nsurance is take out on all memorials. Contact your stonemason for details

mason, subject to the regulations of the council's corneteries. of the memorial and that, if the memorial becomes dangerous, the

Signature of owner of burial right

muncil may take what action they down excessory to make it safe in hey may remove it, and I will be responsible for any expenses incurred such work may have to be carried out without me receiving prior

Month's

8 years of space 1Niche sold per month / 8Yrs realising approx £324.000 deferred revenue 20y-£1000 / 40y-£2000 / 50y-£2500 / 75y-£3750

The on-site inscriptions would be priced at £5 per letter, and if the granite plaque needs to be removed for inscriptions, it would be £3 per letter.

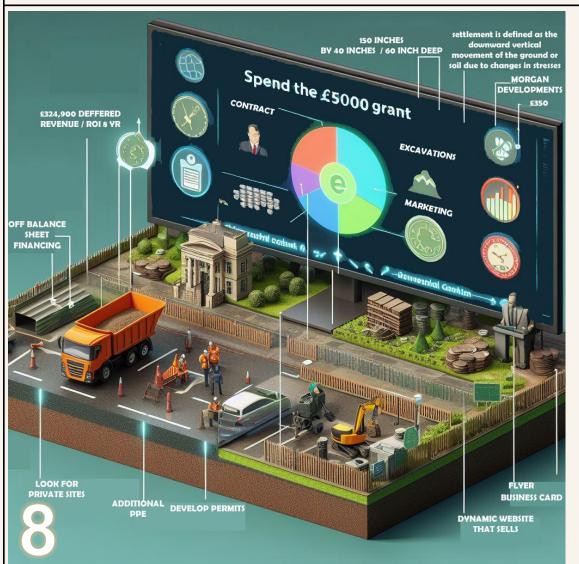
Back

Feed

2024

CE 5D 13

PLANS FOR PRODUCT LAUNCH



SPEND £1.2m

Supply and Fix 24 x 84 Niche On Eco Foundations **2,016 spaces** – Rol **£15M**

Excavations for Foundations & settlement study [Eco Mortar for 3D Concrete Printer R&D]

The most comprehensive <u>water test</u>, analysing a Cemetery water sample for the widest-possible list of chemicals and microbes https://mytapscore.com/products/extended-plus-water-test



THANK YOU