

Greenacre
INNOVATIONS LTD

A modern approach with traditional values

The Eternal Burial System

Greenacre Innovations Ltd has designed a new concept for burials which provides more than twice as many interments in the same space that would be used in a traditional graveyard.



How a new cemetery could look



Why do we need a new burial system?

Most graveyards across the UK are nearing capacity and it can often be difficult to acquire suitable land for a new traditional-style cemetery. When coupled with accessibility requirements for disabled visitors and budget cuts that can affect ongoing maintenance, approval for a new burial ground can be difficult to obtain.

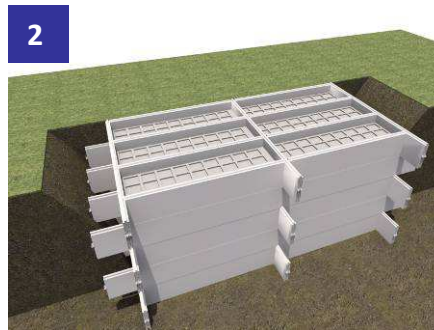
Greenacre Innovations Ltd's revolutionary Eternal Family Burial System combats these issues and allows for land, which may initially have been deemed unsuitable, to be cleared and our composite structure to be built below the ground. As the structure can also be built above ground and then backfilled, it is suitable for virtually any piece of land, regardless of ground conditions, including areas of high water table.

As the surface level on a finished site is totally flat, this makes it extremely accessible for all grave visitors. A further advantage is that we apply a non-maintenance cover on top of the secure lid which means that there is no ongoing cost to maintain the grave. After construction, as the burial plots exist under the ground until they are required, there are no man hours required to dig a grave each time a plot is purchased and preparation for interment takes only minutes.

A simple step-by-step guide to how our system works



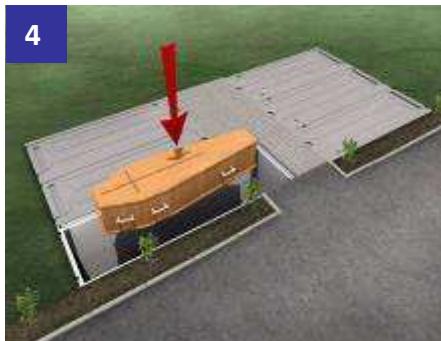
1 The land is cleared up to three metres deep and the foundations of the composite structure are laid.



2 The structure is put together in a modular method, making it a completely solid and durable formation.



3 The structure is built up to ground level, creating a safe level working surface.



4 After unlocking and removing the top lid, either mechanically or manually, the system can accommodate up to 4 burials



5 Once the lid is replaced, a choice of maintenance free coverings may be applied. The system allows for ease of access for future interments



6 A below ground cross-sectional view of plots – Each plot can take up to four coffins and up to 27 urns on a dedicated shelf. A concrete slab is inserted between interments.

A cost-effective solution

The cost-saving and revenue-generating benefits of the Eternal Burial System can be summarised as follows:

- The system is potentially self-funding through forward-selling of plots - common practice in many graveyards.
- As it is suitable for almost any ground conditions, previously unsuitable ground may now be utilised
- Commonly, traditional graves tend to hold two burials. As this system holds four, a Council can potentially double its revenue per unit. In addition, charges can be made for up to 27 urn interments.
- Each unit requires 2.28m² of space compared to a 3.24m² for a traditional grave.
- The approximate cost of £300 to initially dig a grave will be eliminated.
- The time required for the process around an interment will be significantly reduced and less complex.
- Our method for securing headstones eliminates the need for concrete strip foundations and does not require fixing or bonding agents.
- Significant reduction in maintenance costs in perpetuity
- We believe there are opportunities to make hundreds of thousands of pounds worth of savings every year in graveyard management, if this system is installed in a Council area.
- Greenacre Innovations can also provide a full turnkey service including site management, landscaping, provision of seating, lighting, managing interments, headstone erection etc.

Potential cost savings (based on typical 250m² cemetery plot)

AREA OF OPERATION	TRADITIONAL CEMETERY	GREENACRE SYSTEM	POTENTIAL INCREMENTAL SAVINGS
Number of plots	70	104	34 extra plots
Increase in Revenue – based on average Council charge to residents/non residents of £1,000 per grave	£70,000	£104,000	£34,000
Initial grave plot opening cost	£300	£0	£31,200
Reopening graves - charge to customers with 4 coffins versus 2	£120	£120	£29,000 (from extra 34 plots and extra 2 re-openings on all)
Reopening graves – actual cost to Council (estimate)	£50 (3 – 4 hours to open and re-cover)	£10 (15 – 20 minutes to open and reseal)	£12,480 (104 units, 3 re-openings, £40 saving)
Headstone concrete strips - installation	£25	£0 (built into system)	£10,400
POTENTIAL ONE-OFF SAVINGS			£117,080

Note – These figures assume that Councils don't charge extra for using the Eternal Burial System. However, we believe a premium is achievable given the extra interments per plot, as well as the potential for 27 urns. Revenue generated from urns would be in addition to the above savings. Therefore, if a family had up to ten members cremated and laid to rest in the System, the 250m² plot could generate upwards of an additional £50,000 for the Council, based on a charge of £50 per urn.

ON-GOING SAVINGS – We estimate these to be in the tens of thousands of pounds each year for each 250m² of cemetery space

- significant reduction in ground maintenance costs– no grass cutting, strimming, weeding etc
- reduction in staff downtime from access difficulties due to adverse weather/ground conditions etc
- health and safety issues eliminated with more simplistic working practices

NB – all incremental cost saving figures are for illustrative purposes only and can be adapted for charges specific to each Council area

Additional benefits of the system

Local Government

There are many benefits for a Council to utilise the Greenacre Innovation Ltd Eternal Burial System.

- Uses land that may previously have been categorised as not suitable
- Saves space – the potential for more than twice as many burials in the same area
- Cemetery provision for long-term sustainability
- Prepared provision in the event of crises eg flu pandemic
- Regularisation of grave cost structure (potential)
- Standardisation of monument regulations
- Health and safety issues addressed
- Potential to lower costs and to generate further revenue which can then be used to improve other services

Additional benefits of the system (cont'd)

Ratepayers

When in place, a Council will be able to pass on a variety of benefits to ratepayers in their area.

- Provide disability access to all graves – not currently available
- Freedom of choice
- Reduced memorial costs
- Enhanced security and peace of mind
- Improved public safety
- Opportunity for dignified family unity

The origins of the Eternal Burial System

Entrepreneur, David Spiers, designed this system after many discussions with experts on the pros and cons of traditional graveyards.

He believed that there should be a better space-saving system that allowed for family burials, therefore he created the Eternal Family Burial System solution, which provides more than twice as many burials as a traditional graveyard would be able to achieve on the same site.

David and his colleagues at Greenacre Innovations Ltd are working closely with a number of strategic specialists in the areas of design, manufacture, ground preparation and drainage, including McAdam Design, Byrne Looby Partnership, Creative Composites and CAB Plant Hire – all experts in their respective fields.

Allowing for up to four burials and 27 urns per plot, this system can offer loved ones the opportunity to rest together for eternity, a desire currently difficult to fulfil in traditional graveyards nearing capacity.

Using innovative technology and materials, the burial system can be configured to any depth depending on location and soil conditions.



View of the burial plots sub ground level and what users would experience above the surface

Advantages

- Suitable for virtually any piece of land
- Preparation for interment takes minutes
- Lower on-going maintenance costs post-burial
- Space saving design (more than twice as many burials)
- Opportunity to generate revenue
- Flexibility in type and number of burials in each grave unit
- Allows generations of a family to rest together
- Secure unique top with protected lid
- Fully wheelchair accessible for all visitors
- Ease of access at all times, regardless of weather conditions, this is something that proves challenging in cemeteries currently
- Alternative option can be to configure as a memorial garden



A finished cemetery which is level and accessible



How the space might look as a memorial garden



Contact details

For further information, please contact:

Kevin Rouse or Mark Windle

tel: 0113 2046900

email: mark.windle@krouse.co.uk