

RETHINK GREEN

Clonburriss Development Seven Mills T2 Underground Bin System

Presented to Cairn Homes

by: Richard Hobbs Head Of Development
KeyGreen

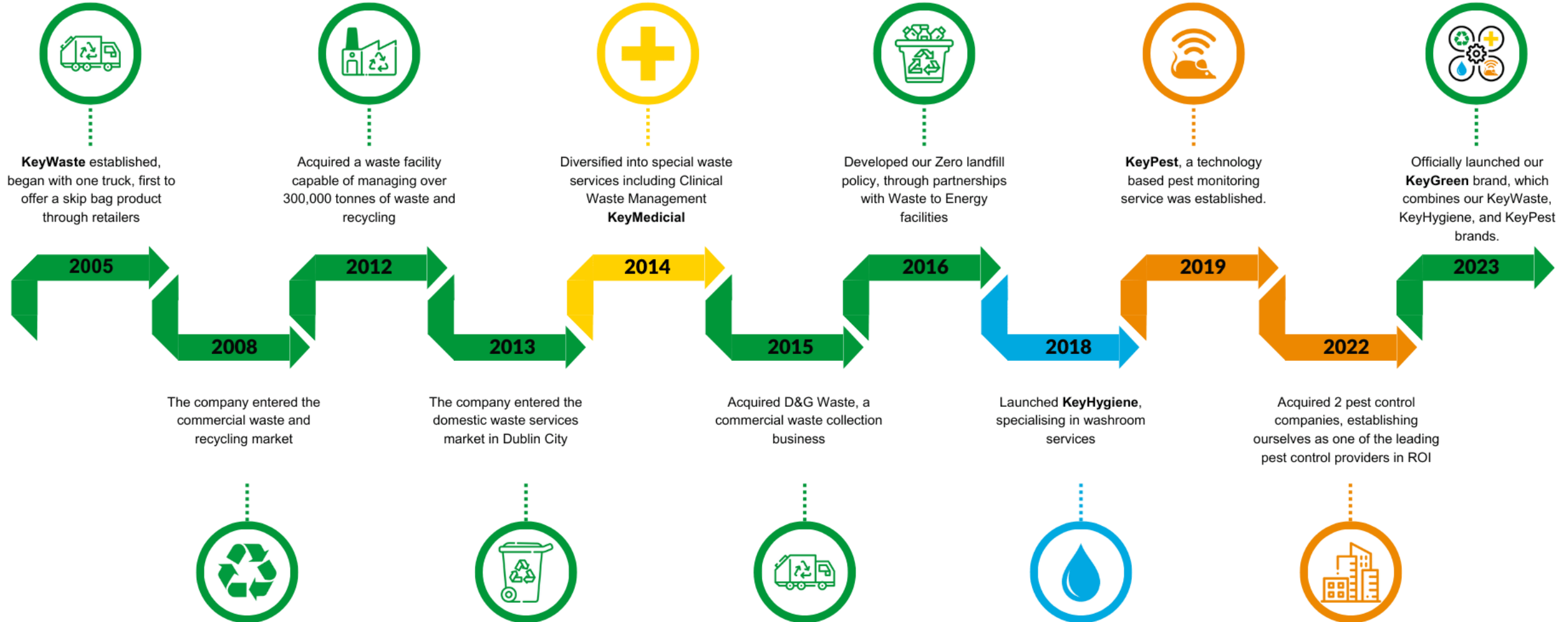
KeyGreen



KeyGreen Specialists in Residential and Block Management

- KeyGreen Service over 1000 Multi Unit Developments, providing full services to some of the most high-profile and largest developments.
- Ethos: Waste and recycling should be considered as part of the 'lifestyle, Wellbeing and Sustainability of the home'
- We have Circa 18,000 commercial accounts in the Dublin Region with a fleet of 120 specialist Vehicles
- We specialise in this sector dealing with PRS/OMC's/Councils/Housing Bodies/Developers/Funds and 90% of Property Management Companies.
- KeyGreen provide consultancy from planning stages onwards to Developers/Architects and various bodies to promote better waste management for the industry, focusing on true sustainability and improving the environmental impact by using innovative but logical and well thought out strategies.
- Innovation and access to all global modern and bespoke methods and systems within the waste industry with real world data benchmarked off experience.
- Our services comply with all accreditations such as BREEAM/LEED/ESG/GRESB

HOW WE EVOLVED



KeyGreen Environmental Benefits of Sidon System

- Of the two currently know underground bin systems in the Dublin Region in use KeyGreen currently service both of these, one for 10 years and the other for 3 years, we can scale up this type of system with our current specialist fleet whilst also investing into additional vehicles and equipment as required. The overall Clonburriss Development allows for the scalability of such a system and consideration of maintenance /parts and ongoing service has been duly considered.
- Reduces carbon footprint of vehicles overall based on the scope of the wider development
- The units for recycling will have compaction v's the other two systems which would allow for 5-8 x times volume, thus further reducing vehicle movements which contribute to less CO2
- Proven in many municipalities and towns throughout other Modern European Cities.
- Provides a modern and better experience
- Reduces the space needed to store traditional bin system

Pictures below of current/existing systems in operation in Dublin.



Reply to Planner Comments

Capacity Of Containers

5 cbm compactor = capacity of roughly 24.000 lt / 1.100 = 21 wheelie bins of 1.100lt
3 cbm compactor = capacity of roughly 15.000 lt / 1.100 = 14 wheelie bins of 1.100lt
5cbm container = capacity of roughly 5.000 lt / 1.100 = 4.5 wheelie bins of 1.100 lt
3 cbm container = capacity of roughly 3.000 lt / 1.100 = 2.5 wheelie bins of 1.100 lt

Composting/Organic

The container used will be a 3CBM, this would hold up to 2.5x 1100lt worth of composting. It has been considered about this having a separate surface collection also, but with the planned servicing, maintenance and frequency along with tenant education, this is viable.

A robust and comprehensive 'Tenant Waste Guidelines' will be given to each resident

Like the transition from a petrol/diesel car to an electric car, slight changes in education and planning are needed and have been duly considered.

KeyGreen Conclusion Summary

In conclusion KeyGreen in partnership with Cairn homes believe in providing an alternative and forward-thinking proposal for the waste management for the Clonburr Development that reflects sustainable modern living in Ireland.

THANK YOU

KeyGreen



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