



THE FUTURE PROSPECTS AND ADVANCEMENTS IN SUSTAINABLE PRACTICES FOR READY MIX CONCRETE PRODUCTION IN LONDON

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INTRODUCTION

- Ready mix concrete plays a crucial role in the construction industry, and its production has a significant environmental impact.
- London, as a global city, is committed to sustainable practices, and advancements in ready mix concrete production are essential for achieving environmental goals.
- In this presentation, we will explore the future prospects and advancements in sustainable practices for ready mix concrete production in London.





ADVANCEMENTS IN MATERIALS:

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- **Introduction of alternative binders:**
Researchers are exploring the use of alternative binders such as fly ash, slag, and silica fume, which can significantly reduce carbon emissions.
- **Incorporation of recycled materials:**
Using recycled aggregates and supplementary cementitious materials like recycled concrete and waste glass can reduce the demand for virgin resources.

ONSITE MIX SCREED

At Savetime Haulage, our experienced team will assess your project requirements and recommend the appropriate aggregate mix, as well as the correct water content, to ensure that you have a quality screed that meets your requirements. The onsite mixed screed will be a bespoke mixture tailored to your exact needs, so you can rest assured that you have the right mix to suit the job. Our onsite mixed screed is suitable for a range of applications, including flooring, underfloor heating, driveways, patios and pathways. It can also be used in landscaping, as a bedding layer for paving, as well as for external rendering. Onsite mixed screed is a flexible and cost-effective solution for larger projects, as it can be mixed and poured onsite, reducing transportation costs and eliminating the need for mixing by hand.



TECHNOLOGICAL INNOVATIONS

- **Automation and digitalization:** Implementing advanced automation and digital technologies in concrete production can optimize processes, minimize waste, and reduce energy consumption.
- **Carbon capture and utilization:** Innovative techniques like carbon capture and utilization (CCU) can capture carbon dioxide emissions from concrete production and convert them into valuable materials.



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Contact Us- 0208 797 0771





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