

The Secondary & Carbon Negative Aggregate Market in Great Britain



SAMPLE REPORT

For more information contact:

BDS Marketing Research (QMJ) Limited 7 Regent Street, Nottingham, NG1 5BS, United Kingdom Tel: +44 (0) 1761 433035 Website: www.bdsmarketing.co.uk

VAT Reg. No. 244432327 Registered in England No. 10208753 2022

BDS Edition 1

bdsmarketing.co.uk

Part of The QMJ Group







No part of this report may be reproduced, stored in a retrieval system in any form or by any means, electric, mechanical, photocopying, recording or otherwise, without prior written permission of BDS Marketing Research (QMJ) Limited, except for use within the company subscribing to the report.

Every possible precaution has been taken to ensure that the information in this report is accurate at the time of going to press. BDS Marketing Research (QMJ) Limited cannot accept responsibility for any loss or damage, including consequential loss, arising from this report.

The data provided of which has been obtained and collated from a number of sources including planning records, telephone research with operating companies, industry journals, company and industry websites and existing BDS databases, built up over more than 20 years.



CONTENTS

| 1. | EXEC | UTIVE SUMMARY | 4 |
|----|--|--|-----------------------------|
| 2. | REPC | ORT OVERVIEW | 5 |
| | 2.1. 2.2. | Background & Purpose BDS Market Intelligence | 5 6 |
| 3. | MARKET CLARITY & POSITIONING | | |
| | 3.1. 3.2. | Product Types & End Use Production of Secondary Aggregates | 8 11 |
| 4. | MAR | KET ANALYSIS | 12 |
| | 4.3. | Market Sales Replenishment Key Suppliers 4.4.1. Supplier Activity (last 5 years) | 12 13 14 15 15 |
| 5. | AGG | REGATES AND CARBON NEGATIVITY | 18 |
| | 5.1. | Net-Zero Targets 5.1.1. Circular Economy 5.1.2. Fuel Switching 5.1.3. Carbon capture, usage, and storage (CCUS) | 18 18 19 20 |
| | 5.2. 5.3. | End-of-Waste Status Carbon-Negative and Secondary Aggregates Associations | 21 21 |
| 6. | TECH | NOLOGICAL ADVANCEMENTS | 21 |
| 7. | IMPACTS & DYNAMICS WITHIN THE INDUSTRY | | |
| | 7.1. | Industry Impacts 7.1.1. Environmental Impacts 7.1.2. Economic Impacts | 24 24 25 |

The Secondary & Carbon Negative Aggregate Market in Great Britain 2022 (BDS 1st edition)



| | 7.1.3. Governmental Impacts | 26 |
|--------|--|--|
| 7.2. | Industry Dynamics 7.2.1. Planning System & Process 7.2.2. Geography, Geology & Availability 7.2.3. Transportation, Storage & Distribution 7.2.4. Aggregate Substitutions and Industrial Perception 7.2.5. Operational Status 7.2.6. Employment | 27 27 28 28 29 30 30 |
| 8. SEC | CONDARY AGGREGATES MARKET FORECAST | 32 |

Figures

| Figure 1. Main Types of Secondary Aggregates used within Great Britain and End Use | 9 |
|--|----|
| Figure 2. Other Types of Secondary Aggregates used within Great Britain and End Use | |
| Figure 3. Estimated Aggregates Market Size 2021 (million tonnes) | |
| Figure 4. Carbon-Negative and Secondary Aggregates Associations | 20 |
| Figure 5. Raw materials that could have the potential to be Secondary Aggregates of the Future | |

Appendices

Appendix A – O.C.O Case Study



1. EXECUTIVE SUMMARY

This first edition of the 'Secondary & Carbon Negative Aggregate Market in Great Britain' report (2022) focuses on the secondary / manufactured aggregates producing industry in Great Britain. The report provides historical trends, current structure and prospects for the secondary aggregates market, information on manufacturers, commentary on routes to market, sustainability and challenges associated with secondary aggregates and the impact and relevance of secondary aggregates to the aggregates marketplace of Great Britain.



2. REPORT OVERVIEW

This report, produced by BDS Marketing Research (BDS), is the first edition of the 'Secondary & Carbon Negative Aggregate Market in Great Britain' report (2022). The report focuses on secondary aggregates, carbon negative aggregates and considers market activity within the industry, both current and anticipated for the future. BDS is well placed to provide an understanding of the identified market having researched and reported on aggregates (primary, recycled and secondary) for in excess of 30 years.

The 'Secondary & Carbon Negative Aggregate Market in Great Britain' report is a sister report to the BDS 'Survey of the Aggregates producing industry in Great Britain' last published in 2021.

Notes for the report:

- The terms recycled and secondary aggregates are often used interchangeably to reflect nonprimary aggregates; where this occurs within the report this will be referenced as 'recycled / secondary aggregates'.
- The words 'production' and 'demand' are used interchangeably within the report.
- Estimates provided throughout the report relate to aggregates production in thousands of tonnes for the identified year.

2.1. Background & Purpose

Aggregates are used in a multitude of ways with the largest proportion of aggregates utilised within the construction industry (used in their own right as well as in downstream products such as asphalt, ready mixed concrete, mortar and concrete products) followed by the infrastructure industry (within roads, railways, airports, ports, energy and utilities). The demand for aggregates continues to move in parallel with the approval and development of major new infrastructure projects and for this reason it is important to consider and review the GB aggregates market on a regular basis. Whilst this report focuses on secondary aggregates and the impact within the construction industry BDS produce a range of industry reports that focus on other heavy building material sectors, including:

- The Aggregates Industry of Great Britain
- The Asphalt Industry of Great Britain
- The Cement Industry of Great Britain
- The Ready-Mix Concrete Industry of Great Britain
- The Concrete Products Industry of Great Britain
- The Brick Industry of Great Britain
- The Aggregates Replenishment Industry of Great Britain



2.2. BDS Market Intelligence

BDS is an independent and innovative market research consultancy with over 30 years' experience specialising in minerals, heavy building materials industries and waste sectors. BDS provides marketing intelligence, insight and reports in addition to bespoke consultancy in the following areas: Aggregates, Ready Mixed Concrete, Asphalt, Cement, Concrete Products, Waste Management, and related sectors

Intelligent Reports

BDS has a reputable portfolio of publicly available industry reports, amongst these are the BDS annual estimated outputs and market shares for key sectors including aggregates, asphalt, ready mixed concrete, concrete products and cement. Examples of other reports published by BDS include:

- Estimated reserves of pits and quarries in Great Britain
- Outputs and market shares of Great Britain aggregates companies
- Estimated outputs of aggregates moved through rail depots
- Directory of recycled aggregates plants in Great Britain
- Estimated outputs of packed products plants in Great Britain

Intelligent Planning

BDS monitor planning activity on a range of market sectors and products on a continuous basis across all the planning authorities in Great Britain, Northern Ireland and the Republic of Ireland. This information is made available to clients via the BDS online portal and monthly reports, through an annual subscription. For the aggregates industry, all planning activity relating to developments for minerals is tracked and published to subscribers.

Intelligent Consultancy

BDS has an extensive list of clients who commission bespoke, independent and industry sectors surveys and studies. These include market size assessment & analysis / prospects for new investments / business & product development / acquisition appraisals / commercial due diligence / company analysis, markets & prices / market-based research.



- or visit the BDS website at www.bdsmarketing.co.uk