

ECO-SERVE

Cluster 3

Baseline report

Edda Lilja Sveinsdóttir
Icelandic Building Research Institute

Dr. Börge J. Wigum and
Thorbjörg Hólmgeirsdóttir
ERGO Engineering Geology Ltd.





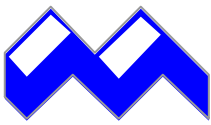
Baseline report – general

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Objective:

To give an overview of current practise and on-going research activities in the field of sustainable aggregate and concrete production



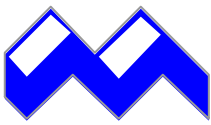
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Content:

Address the situation relating to sustainable aggregate and concrete production and their associated economical, societal and political issues.



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Structure of the report:

Introduction – background, objectives, common definitions and terms



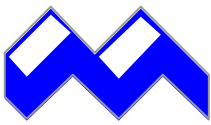
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Structure of the report:

**Chapter on aggregate production –
Explained in few moments**



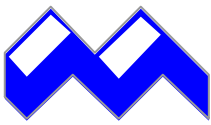
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Structure of the report:

**Chapter on concrete production –
Introduced by Dorthe Mathiesen, DTI**



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Structure of the report:

**Chapter on research needs –
Introduced by Svein-Willy Danielsen**



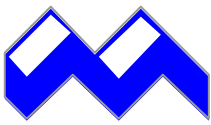
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Relevance:

Use as a foundation to determine the **best available technologies in the field** and an input for preparing **guidelines on environmentally friendly aggregate- and concrete production**



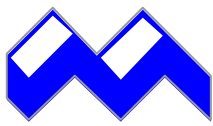
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Note:

The baseline is still only a draft and the final format is subject to change.



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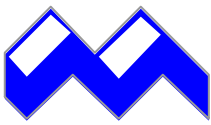
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Important:

Input from all Cluster 3 members.

Without it, the baseline report will not cover the most relevant issues for these two important sectors of the construction industry.



Baseline report – Aggregates

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1. Sustainability in the aggregate production sector.

Most important and relevant environmental issues in the participating countries

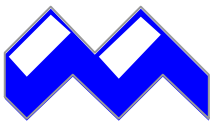


Baseline report – Aggregates

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1. Sustainability in the aggregate production sector

Introduces the situation in Europe with regard to sustainability in general. Emphasis on the main challenges for the industry in order to meet the sustainability demand.



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1. Sustainability in the aggregate production sector

Addresses the economical, social and political issues in the industry.



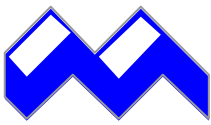
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1. Sustainability in the aggregate production sector

Discussion on demand for new aggregates and technologies in concrete production



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2. Key figures of aggregate production in Europe

Statistics of the European aggregate industry.

Total production per country.



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2. Key figures on aggregate production in Europe

Trade (export-import) of aggregates in Europe.

Main flow of materials



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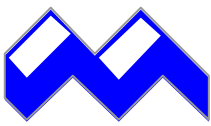
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2. Key figures on aggregate production in Europe

Recycled aggregates in Europe.

Amount of recycled aggregates in each country.



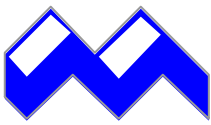
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3. State-of-the-art covering recent and on-going research and current practice

- the objective here is to provide the reader with the most up-to-date information on new development in the field of aggregate production, related to the overall objective of ECO-SERVE



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The discussion on **research needs** in chapter 5 will include the most up-to-date information on new development and the challenges for research in the field of aggregate production, related to the overall objective of ECO-SERVE