

With the current focus on sustainability, it is necessary to evaluate cement's environmental impact properly, especially when developing new 'green' concrete types. Therefore, this chapter investigates the available literature on every process concerned during the production of cement. Inventory data on energy use, CO₂, PM₁₀, SO_x and NO_x emissions are collected. Alternatives and improvement are briefly described regarding energy performance and mineralogy changes that it induces for clinker.

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