

# Accepted Manuscript

Can Portland cement be replaced by low-carbon alternative materials? A study on thermal properties and carbon emissions of innovative cements

Riccardo Maddalena, Jennifer J. Roberts, Andrea Hamilton



PII: S0959-6526(18)30450-5

DOI: [10.1016/j.jclepro.2018.02.138](https://doi.org/10.1016/j.jclepro.2018.02.138)

Reference: JCLP 12085

To appear in: *Journal of Cleaner Production*

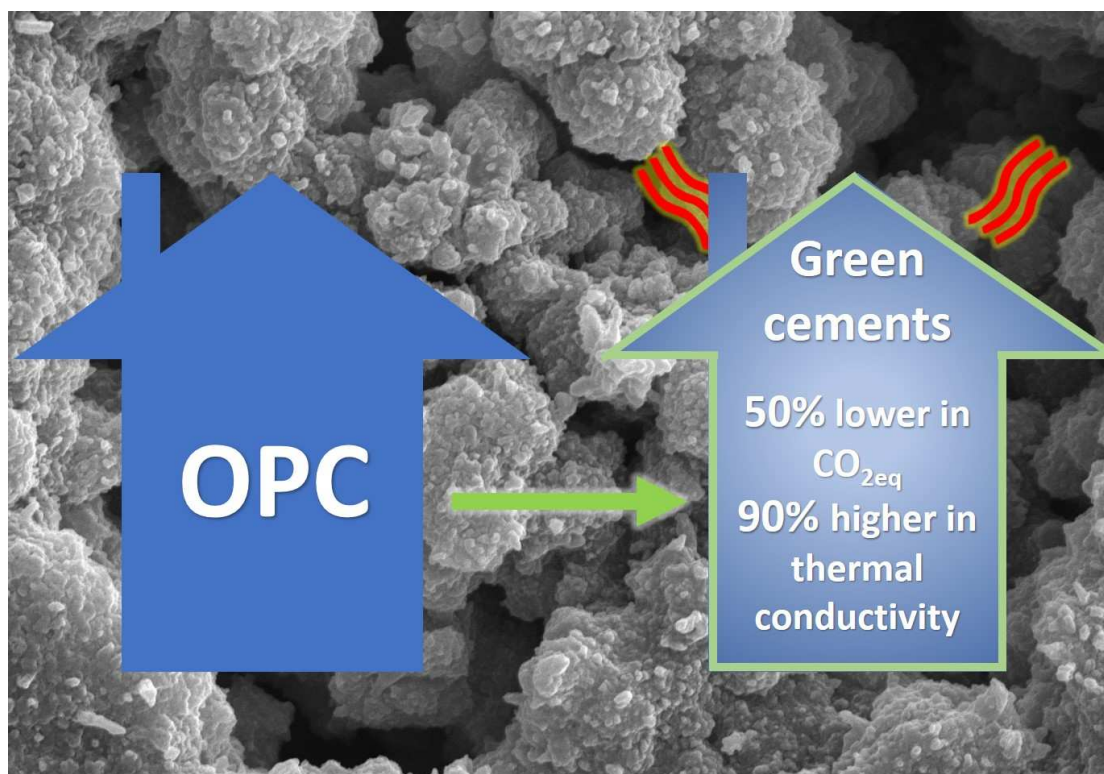
Received Date: 4 August 2017

Revised Date: 5 December 2017

Accepted Date: 13 February 2018

Please cite this article as: Maddalena R, Roberts JJ, Hamilton A, Can Portland cement be replaced by low-carbon alternative materials? A study on thermal properties and carbon emissions of innovative cements, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.02.138.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Download English Version:

<https://daneshyari.com/en/article/8096335>

Download Persian Version:

<https://daneshyari.com/article/8096335>

[Daneshyari.com](https://daneshyari.com)