Cleaner Production in Construction Sector

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Abstract

Brazilian National Environmental Council created, in July 2002 the resolution number 307, which started to be value in January, 2005. Since then the construction sites had to adequate their site works. In this way, trying to reduce the environmental impacts and a better efficiency of the construction process, it was created in Porto Alegre, Brazil, a group of 7 contractors partially sponsored by SEBRAE and supported by National Center of Clean Technologies - CNTL and Federal University of Rio Grande do Sul- UFRGS, with the objective of the application of the Cleaner Production methodology. This paper reports this experience of the construction sector, with very good economical results to the participants enterprises.

Keywords: construction solid waste; Clean Production; environmental impacts.