

CSI EPD TOOL FOR CEMENT AND CONCRETE



Efficiently generate Environmental Product Declarations (EPD) for cement and concrete with new tool

The Cement Sustainability Initiative's Environmental Product Declaration Tool - called the CSI EPD Tool - was developed to facilitate the generation of sector-specific EPDs for cement and concrete but also for clinker, lime and plaster. The cloud-based tool was designed to be easy-to-use, to facilitate the process overall, and to reduce the costs of preparing cement and concrete EPDs.



Environmental performance assessment of clinker, cement, concrete, lime and plaster



Streamlined primary data collection process in user-friendly, cloud-based platform



Up to 50% reduction in verification costs



Ensures consistency across industry reports: compliant with all key Product Category Rules (PCRs) for the industry*

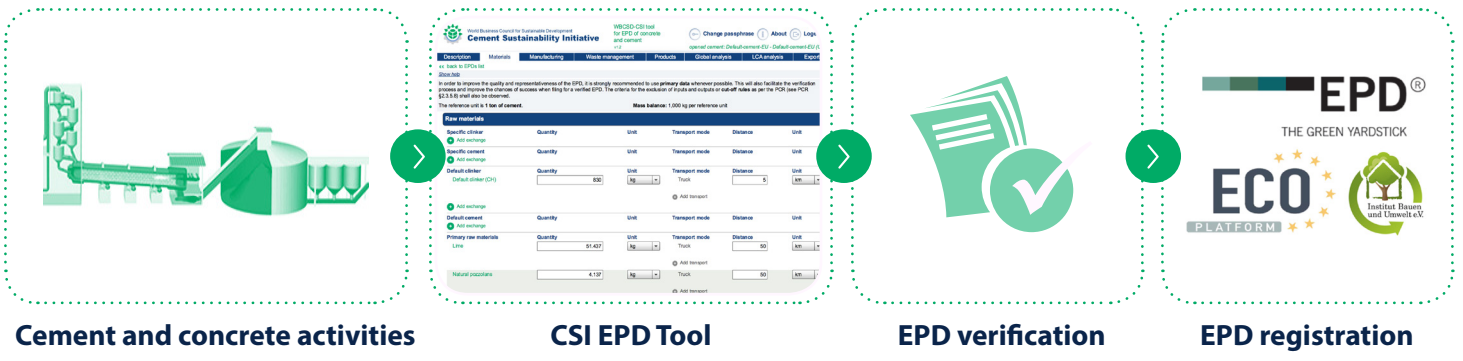


Automated reports for self-declaration and background reports with complete set of input data and results



Pre-verified LCA model, project database and results

* PCR 2010:09 cement UN CPC 3744 v2.1 (CE.Si.S.P-AITEC/Environdec)
PCR 2013:02 concrete UN CPC 375 v1.02 (WBCSD-CSI/Environdec)
PCR 2012:01 construction products and construction services v2.0 (IVL/Environdec)
U.S. PCR for cement UN CPC 3744 (PCA/ASTM)



CSI EPD Tool: International and U.S. versions

The World Business Council for Sustainable Development's (WBCSD) Cement Sustainability Initiative (CSI) teamed up with sustainability consultancy firm Quantis to develop and launch the first officially pre-verified EPD generation tool for the International EPD® System in preparation for the implementation of EPDs on an international scope.

The CSI EPD Tool is now adapted to the U.S. context. The Portland Cement Association (PCA) and the CSI looked again to Quantis to develop a version of the tool that would include reference PCRs for cement and concrete specific to the U.S.

For more information on the tool, please contact Quantis, CSI or PCA.



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