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Physics behind the life cycle and life cycle analysis of artisanal clay brick making

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Abstract content ** ** (Max 300 words) **
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Life Cycle approach is a step by step description of a process of product value chain. Lifecycle analysis is a descriptive tool allowing an assessment of the effect on the environment. The intrinsic relationship between the life cycle and life cycle analysis will be discussed using the physics of systems. The case of artisanal brick-making in the Dididi village of Nandoni dam (Venda) will be used to illustrate the above. The present paper will shed light on the process involved in the mining of the clayey soil materials used in the artisanal brick-making, the process involved of the brickmaking, their level of commitment to rehabilitation and compliance to related legislation and their impact on the existing environment and landscape. Physics fundamentals will help on the above discussion.

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