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*Social indicators in Life Cycle Assessment: a focus on wastewater technologies in Latin America and the Caribbean.*

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### **Abstract**

This paper presents a set of indicators for evaluating Social Life Cycle Assessment (S-LCA) of wastewater treatment technologies in Latin America and the Caribbean (LAC) countries. These indicators evaluate the social impacts throughout the life cycle. Social life cycle assessment (S-LCA) allows identification of key issues, assessing, and telling social conditions in the production, use, and disposal of wastewater technologies. Social indicators capture cultural acceptance of the technology through public (stakeholders) participation and also measure the possible advantages and disadvantages of selecting a wastewater technology in LAC; the selection of a set of indicators is depending on the geographic and demographic context of a particular community, the overall results of this proposal will be included in a Ph. D thesis.