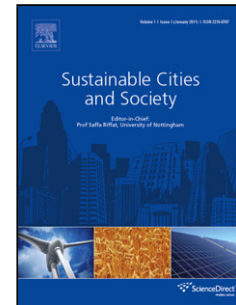


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# Wall-Up: Method for the regeneration of settlements and housing in the Developing World

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## Highlights

- Literature on regeneration, planning, site and services and housing as a driver for development has been reviewed.
- New method to transformation of settlements and housing in the Developing World was promoted.
- A method with support on technical wall as interplay between the public infrastructures and private initiative is discussed.
- A set of mechanisms has been created to transform informal settlements into formal settlements.

## Abstract:

*Urban regeneration is one of the main contemporary challenges human and territorial development faces especially regarding developing countries. In contrast with developed countries, where urban regeneration assumes a perspective of renewal and adjustment to new trends, in developing countries it represents an opportunity to implement urbanization to improve the quality of life and provide the minimum conditions to ensure its inhabitants a dignified life. This paper presents and discusses a method to respond to the challenges of expansion and regeneration of urban areas in developing countries based on the strategy of transforming informal areas into formal ones through urbanization. The Wall-Up method is validated through its application in the case study of Pante Macassar, Oé-Cusse Region in Timor-Leste, resulting in a small allotment plan ready to be implemented and to satisfy the current necessity in terms of urban regeneration and housing provision. In this case study Wall-Up is shown to be a reliable way to improve the quality of life and on to create a basis for the future development of housing for locals through urban regeneration that is viable in political, economic and social terms.*

**Keywords:** Sustainable Planning; Urbanization; Regeneration; Informal Settlements; Housing; Developing Countries

## 1 INTRODUCTION

This research focuses on the challenges of regeneration of settlements in developing countries and the creation of a methodology - the Wall-Up method - to transform informal settlements into formal ones. This paper is based on the application of this research project in the city of Pante Macassar, Oé-Cusse Region in Timor-Leste.

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