Ecological Recuperation of Palácio dos Leilões

NOLLI, A. C.

Graduando em Arquitetura e Urbanismo

Universidade Federal de Minas Gerais, Belo Horizonte

augustonolli@gmail.com

Abstract

This paper analyzes a proposal in the form of an early stage of a architectural, urban and paisagistic project aiming the ecological recuperation for the area of the so-called “Palácio dos Leilões”, at the county of Contagem, Minas Gerais state. That area is being considered environmentally poor, unhealthy as it has being used as car crashed deposit. The cars wait for dismantling and their parts to be sold in order to be re-used. In this paper it will be demonstrate new concepts which are related to a cleaner and sustainable reuse since the shred process of pieces and collection of fluids will be more sensible as to open spaces to create new forests surrounding the factory. A small existing wetland in the place will be recovery in order to integrate and adapt itself to the ecological system treated. The paper concludes towards a conceptual framework to support the architectural, urban and paisagistic projects, reflecting on the main steps to achieve cleaner, sustainable and cheaper projects for industrial demands.

Keywords: clean construction industry, recycling, reforestation, sustainable architectural design