

Germany / Hanover Country / City

University / School Leibniz University of Hanover

Academic year

Title of the project Facing waste: Strategies to encourage and promote cleanliness in neglected urban spaces in Indian cities

**Authors** Benedikt Schlund





# PERFORMATIVE NATURE

**Barcelona International Landscape Architecture Biennial** 

September 2018 Barcelona SCHOOL PRIZE

## X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC
ETSAB- Escola Tècnica Superior
d'Arquitectura de Barcelona
Avenida Diagonal, 649 piso 5
08028 Barcelona-Spain

## **TECHNICAL DOSSIER**

Title of the project
Authors
Facing waste: Strategies to encourage cleanliness in neglected urban spaces in Indian cities
Benedikt Schlund
Title of the course

Academic year 2017

**Teaching Staff** Prof. Christian Werthmann, Lisa Seiler, Kendra Busche

**Department/Section/Program of belonging** Faculty of Architecture and Landscape, Department of Landscape

Architecture and Department of Spacial Development.

**University/School** Leibniz University of Hanover

#### Written statement, short description of the project in English, no more than 250 words

Environmental pollution is a global problem! I travelled to India learn more about it. Public spaces in the cities vastly polluted by toxic waste in various forms and sizes. An explenation is that the public environment is rarely considered valuable, thus facing neglect and mistreatment. Accordingly, sustainable change can only happen when a true sense of responsibility and appreciation for the environment emerges.

Motivation through awareness, action and education is the key. Besides the governmental campaign Swachh Bharat Abhiyan(=Clean India Mission), many independent groups and individuals, like The Ugly Indians in Bangalore, are drastically improving countless public spaces. They prove, that lively spaces like intersections, parks and bus stops can function as an effective platform to bring about a collective transformation.

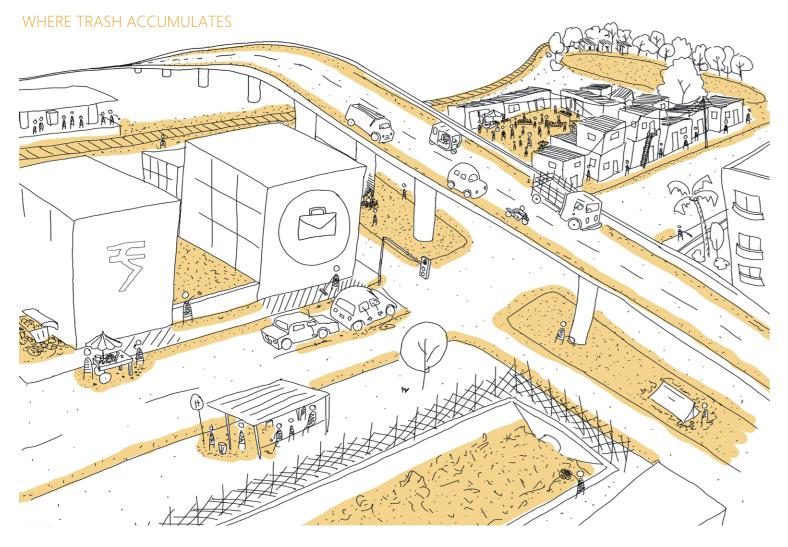
In Dharavi, Mumbai's largest informal settlement, the neglected Shivraj Udyan Garden shall become a productive space of change where wasted materials are transformed and reused. An environmental education and upcycling container invites locals to rethink and build a lively park with potential for micro business. The adjacent school will take care of a small forest and edible garden, thus making the Garden to a magnet of development.

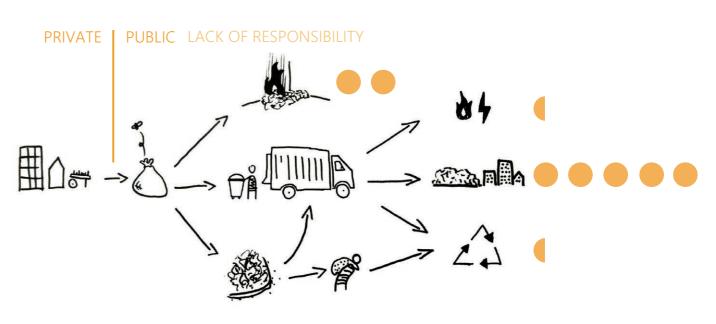
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"Trash is India's plague. It chokes rivers, scars meadows, contaminates streets and feeds a vast and dangerous ecosystem of rats, mosquitoes, stray dogs, monkeys and pigs. Perhaps even more than the fitful electricity and insane traffic, the ubiquitous garbage shows the incompetence of Indian governing and the dark side of the country's rapid economic growth."

## -NIHARIKA MANDHANA, NY TIMES

https://www.nytimes.com/2012/10/27/world/asia/indias-plague-trash-drowns-bangalore-its-garden-city.html





The Government is painting various walls throughout India with motivational messages. Is this strategy making a difference?

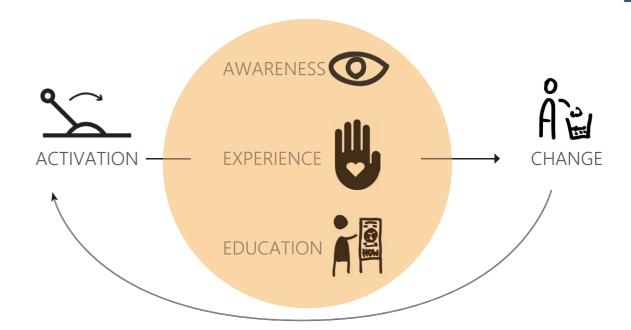


The Ugly Indian is a group of motivated individuals actively improving their surrounding India during their so called "Spotfixes"



Tree plantations are a very sensible way of teaching children about the future

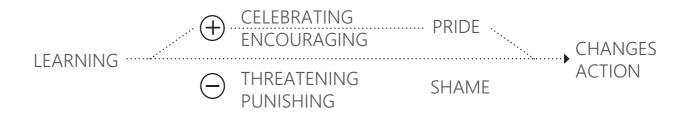






In order to initiate a learning process, the ignorant and uninformed citizens have to be motivated to make a change. The strategies include creating awareness, spreading knowledge of the vital subjects and creating lasting experiences.

To understand one's own responsibility, a learning process has to put into motion. The sustainable way is by not simply labeling the litterer a criminal, but rather motivating him/her to make a change by proposing behavioural solutions. Improvements and success are celebrated and make the person feel proud.







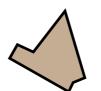


The Shivraj Udyan Garden is located in the centre of Mumbai's largest slum. It holds a lot of potential due to its crafty inhabitants. The design is based on the local craftmanship and wishes of the locals. The development of the park will create a valuable surrounding for the neighbourhood.

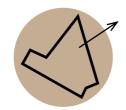




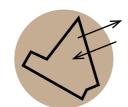
GRADUALLY DEVELOP



ADAPTABILITY TO MULTIPLE FUNCTIONS



CREATE &
SPREAD
AWARENESS
& IDENTITY



DEVELOP WASTE CYLCE

