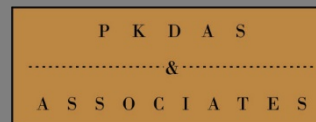


'NATURE OF CITIES'

PORTLAND CONFERENCE 24TH -26TH April 2017

URBAN PLANNING AND OPEN DATA RIGHT



URBAN PLANNING AND OPEN DATA RIGHT

Objectives:

**SHARING LAND & RESOURCES
STITCHING THE FRAGMENTS**

Way Forward:

**POPULARISING URBAN PLANNING & DATA
MAPPING URBAN LANDSCAPES
TURNING BACKYARDS INTO PROUD FORECOURTS
ACTING LOCALLY THINKING GLOBALLY**

Achievement:

DEEPENING DEMOCRACY

I

SHARING LAND & RESOURCES

II

STITCHING THE FRAGMENTS

1

POPULARISING URBAN PLANNING & DATA



'Open Mumbai' Exhibition

Juhugiri. Pyar se.

Free open space: add almost 3 Oval maidans
 Create 10-km tree-lined, flood-free walkway along Irla nala
 Inter-connect open spaces with institutions & amenities
 Re-align & integrate Metro rail network with public spaces
 Protect beach, improve access, enhance facilities
 Provide civic amenities for gaothans, redevelop slums
 Form a model for neighbourhood planning,
 participation & governance

Vision Juhu *Expanding public space*

Kamala Raheja Vidyaniidhi Institute for Architecture • PK Das & Associates, Architects • Mumbai Waterfronts Centre

Research Sponsor: ICICI Prudential
 Contacts: anirudh.paul@gmail.com • pkdas.arch@gmail.com • darryldmonte@gmail.com



2

MAPPING URBAN LANDSCAPES

MAPPING

OPEN SPACES & NATURAL AREAS



MAPPING

SLUMS

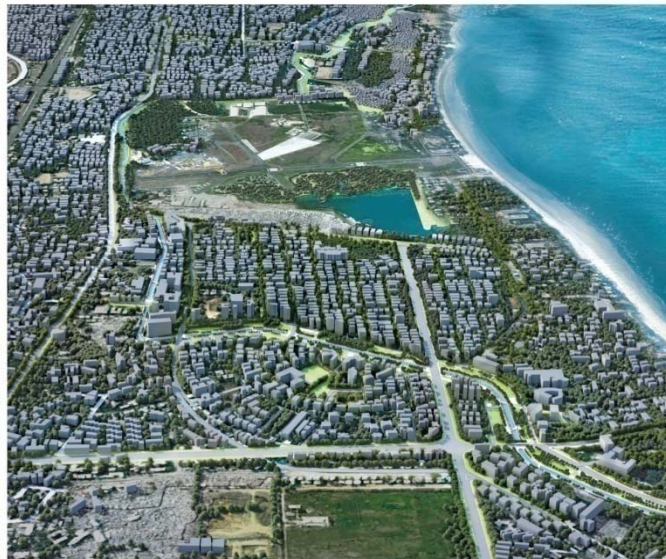


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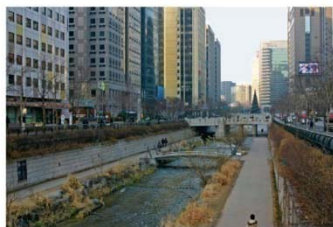
**TURNING BACKYARDS INTO PROUD
FORECOURTS**



PROPOSED NETWORK OVERVIEW FOR JUHU



INTERNATIONAL EXAMPLES



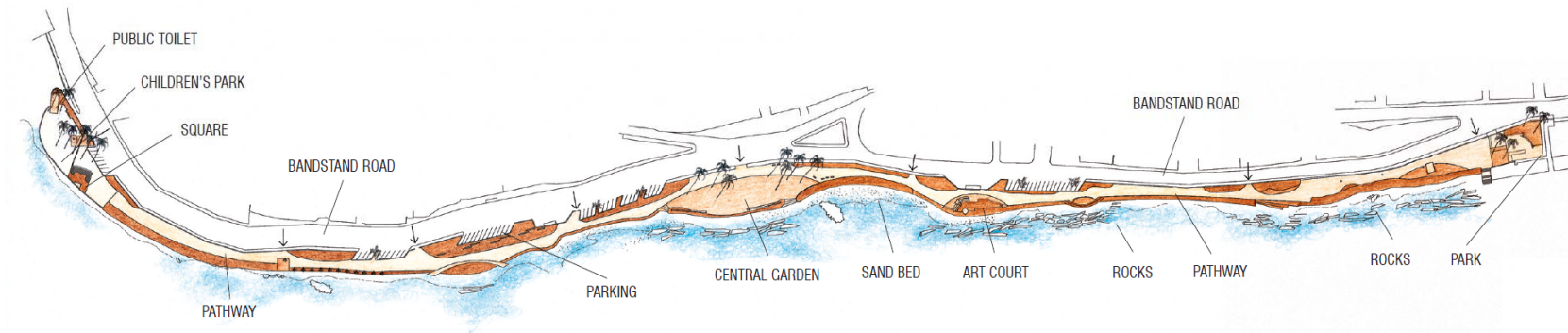
KISHORE KUMAR PARK



KISHORE KUMAR PARK



SEAFRONT DEVELOPMENT AT BANDSTAND

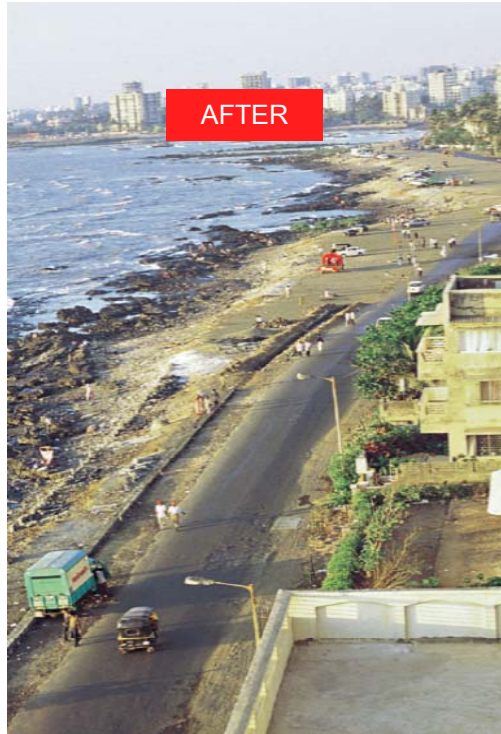


MASTER PLAN

BEFORE



AFTER



4.

ACTING LOCALLY THINKING GLOBALLY

BANDRA BANDSTAND

BEFORE



AFTER



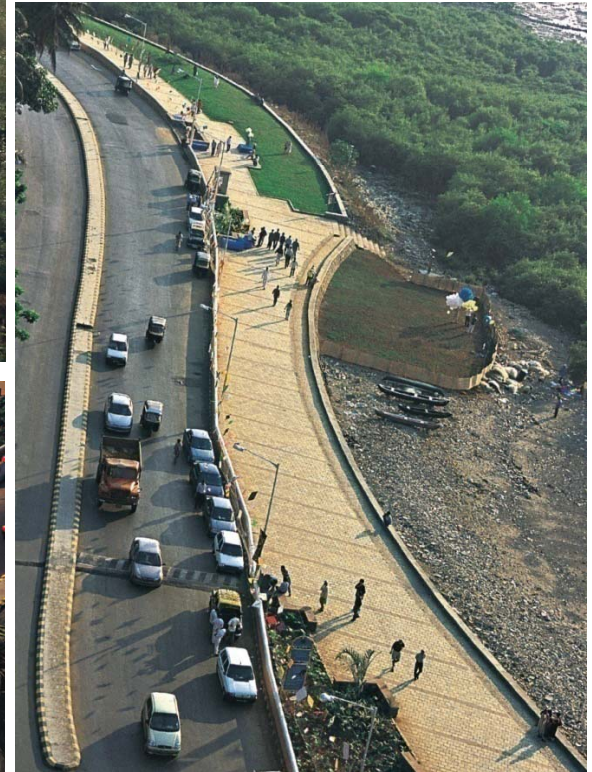
WATERFRONTS
Bandra Bandstand Mumbai

CARTER ROAD, MUMBAI

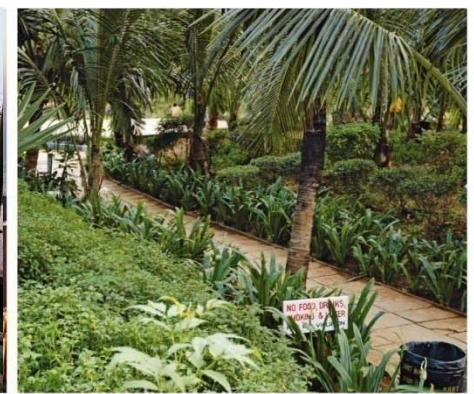
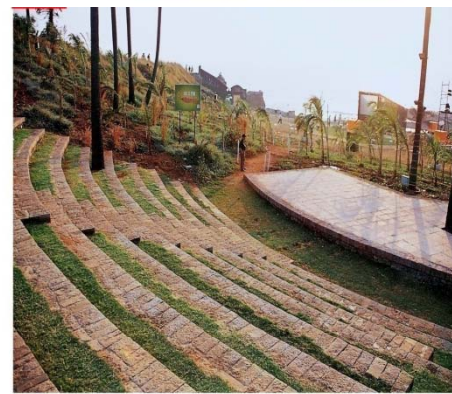
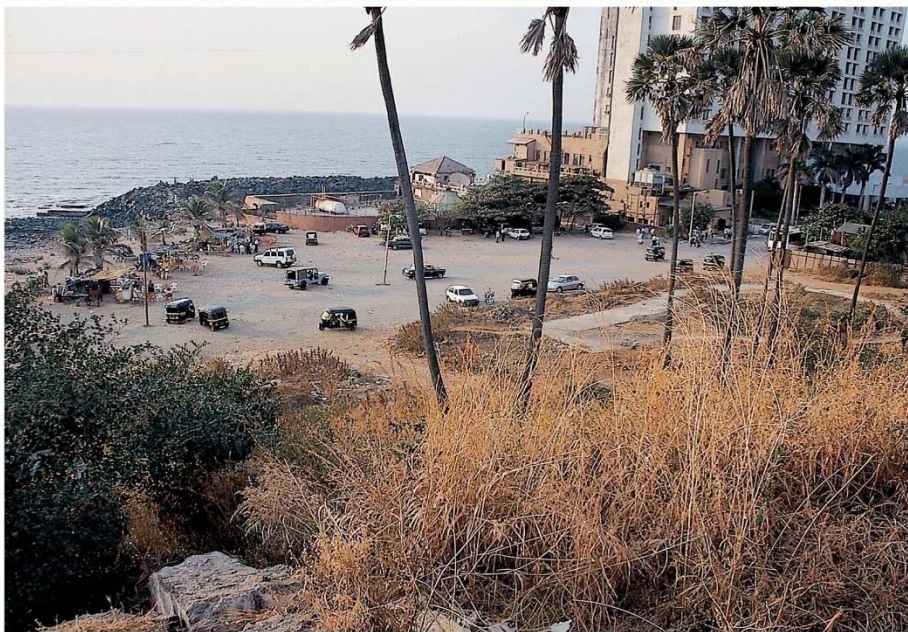
BEFORE



AFTER



BANDRA FORT



HERITAGE PRECINCTS & HILLS
Land's End Mumbai

CREEKS AND MANGROVES





PROPOSED PLAN



Proposed Development at Sherman Creek, Manhattan



Mangrove forest in Laem Phak Bia, Ban Laem, Phetchaburi, Thailand

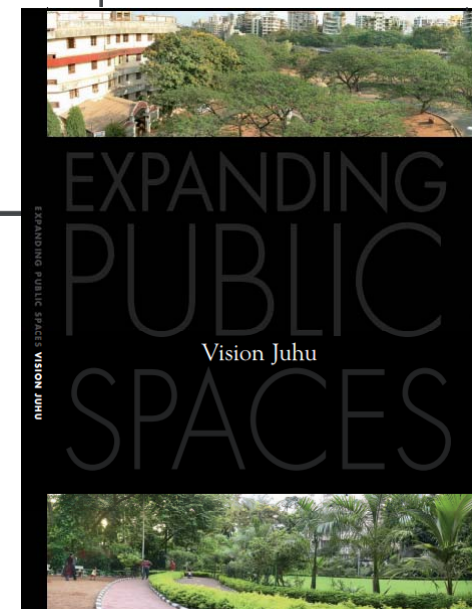
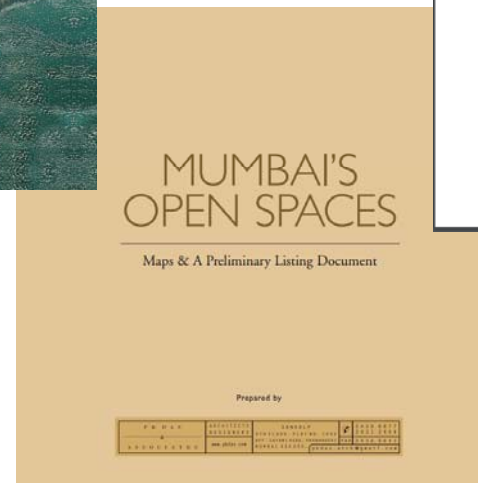
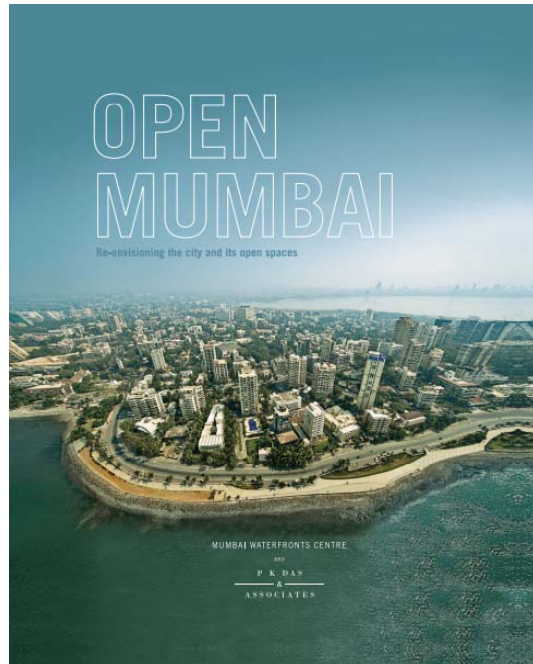


Weedon Island, St. Petersburg, Florida

INTERNATIONAL EXAMPLES

Achievement:

DEEPEINING DEMOCRACY



PROMENADES & PLAZAS | BEACHES | RIVERS & NULLAHS | MANGROVES, CREEKS & WETLANDS | LAKES, PONDS & TANKS | PARKS, GARDENS, RECREATION & PLAYGROUNDS

Mangroves safeguard Mumbai from erosion and floods. But they fall prey to land-grabbers. A look at efforts to save them

Vigilant citizens battle to PROTECT THE PROTECTORs



NATURE SQUEEZED Downstream into the mangroves that ran deepening the river in Mahad Kandol that empties into Matul Creek. This absorption zone for rainwater is under threat

Locals go green: Some battles won, others lost



Lokhandwala eco-warriors have been successful in getting the area declared a wetland, but the area is still under threat from land grabbers.

Developer made to pay in Dahisar
The residents of Dahisar, a village in the Dahisar taluka of the Thane district, have been successful in getting the area declared a wetland. The area is now under the protection of the Maharashtra Wetlands and Water Conservation Act, 1995. The residents have been successful in getting the area declared a wetland, but the area is still under threat from land grabbers.

Mangrove Panels
The state's mangrove department has set up a series of panels for the residents of the state. The panels are set up in the form of a grid, with each panel representing a different area of the state. The panels are set up in the form of a grid, with each panel representing a different area of the state.

Protected by Law
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'A CITY IS A COLLABORATIVE ENDEAVOUR'

Open Mumbai: Let's Expand Public Spaces, is a series of vision plans for a cleaner, greener, better planned Mumbai, mounted by architecture firm P. K. Das & Associates and the Mumbai Waterfronts Centre, currently on display at a city gallery. Das, Chairperson of the MWC, tells us what it will mean to you if the plans are ever sanctioned to be translated into reality.

SANJIV NAIR
smdmail@mid-day.com

What inspired the vision plan for Open Mumbai? Let's expand public spaces? How long have you been toying with the idea?

The inspiration comes from the condition of Mumbai. The quality of life is deteriorating, and as the city expands, public space is shrinking. Therefore it is important to have a positive change. We have been working on it for 15 years. Whether it is Bandra Bandstand, Carter Road or any of the numerous other projects which we have been working on, it has been a transformation in the making. During the last one year, these individual efforts have come together. Lessons learnt from various citizen's movements we have been a part of have culminated into this exhibition.

How can the project be executed? The project has 2 principle parts — Part 1 is about the areas in which the changes have already been

implemented — Juhu Beach, Carter Road, Bandra Bandstand and Gateway of India — and our learnings from these projects. Nearly 50 per cent of the envisioned plan therefore has already been completed. Part 2 of the projects is built on the strength of these learnings. The second phase proposes similar simple ideas that can be executed in other areas. These incorporate projects which are grounded in reality.

What is the fundamental guiding principle for the project?

The basis of the project is conservation, renovation, recycling and replanning. It is important to understand that we are speaking of integrating the project within the existing realities of the city. It is not a mega project, but a combination of small and doable projects. The attempt is to double our open public spaces. We are attempting to create nearly 500 kilometres of green open spaces, which will be utilised as walking and cycling tracks. These spaces will be dotted with gardens and water parks. These spaces will not operate in a silo; they will all be connected to each other, creating a vast network of green open space that extends from Andheri to Chembur; from Mahim to Colaba. It will connect all parts of the city and will facilitate social networking in the real world. The rationale is to have people enjoy and truly identify with the city. It is important to democratise Mumbai's open spaces.

Will large-scale changes need to be made to the layout of the city itself? Will it extend to changes in residential areas as well?

The plan we have put together does not displace. It does not call for major replacement of populations. It just requires small reconfigurations in the plans of certain city pockets. At the exhibition you can see a model of a similar reconfiguration in the Juhu area plan we have proposed. We do not look at projects from a top-down perspective. We look at cities from the bottom-up, where each area plan reflects the identity and need of its residents. Over the years each neighbourhood in Mumbai has developed its own individuality. Our aim is to preserve this individuality. Therefore the plan necessitates the need for personalisation of neighbourhoods.

How has the Government responded to your vision?

They have been extremely supportive. Chief Minister Prithviraj Chavan was extremely moved, especially since this was the first time he saw Mumbai the way we see it. Some important bureaucrats were present during the inauguration and he had an immediate discussion with them on how they can take it forward. Uddhav Thackeray has already brought together corporators to take this up with proper plans chalked out, replete with deadlines. So the ball has already started rolling. I am hoping that the support continues.

How long would a project of this magnitude take to get executed? How much will it cost?

The complete budget is Rs 2,500 crore, which for a project of this magnitude is actually quite less. The maximum period for its execution is

about 10 years. A lot of work which you have done exemplifies a successful marriage of social development and architecture. If this project were sanctioned would it be your greatest challenge and achievement?

(Laughs) I am sure that if we achieve this it would be a great achievement for everybody in Mumbai. But it is important to understand that a city is a collaborative endeavour. No one person can consider anything in his own personal accomplishment. Amartya Sen once said that 'it is public action that influences governments'. And this is an ideology we have worked with for all these years. Bandra Bandstand's redevelopment was a public initiative. It was started with the government's support. Over the last couple of counts, the city's population has dropped from 12.5 crore to 11.8. I hope it is a flash in the pan as I don't want population to drop in Mumbai. I wish for it to stabilise. I would never want to have people leave the city thinking they would be better off elsewhere.

AT: NCMA, Mahatma Gandhi Road, Near Regal Cinema, Fort TILL: Saturday, April 7, Tuesday to Sunday, from 11am to 6pm TICKETS: Indians — Rs10; Foreign Nationals — Rs150; Students/Children — Rs1 CALL: 22881969 LOG ON TO: www.ngmadi.gov.in

TOI **DEVELOPING RIVERS WILL LEAD TO A SENSE OF OWNERSHIP TOWARDS RIVERS**
We asked readers if they think it is possible to transform Mumbai's rivers into public spaces with walkways, promenades and gardens, so that people can relax and exercise in such green spaces? Here are the responses:

Yes — I or any city to develop in a sustainable manner and preserve its nature, collective citizen participation and intervention are imperative. Developing rivers as gardens and recreational spaces will lead to an increased sense of ownership and responsibility towards river bodies. This will also result in increased public scrutiny of open spaces. In the long term, as citizens realize that community participation in preserving our ecosystem is a must, all United Way Healthline, our efforts are to engage citizen participation for such initiatives.

No — If the MMRDA is carrying out a modification to augment the drainage capacity of the city, then the high-traffic expressways are deteriorated when the water level is high enough to flood roads, to inundate the river depth. Considering that the standard engineering policy for drainage is to maintain the river level, the rain coincides with high tide, there is flooding, what

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THANK YOU

