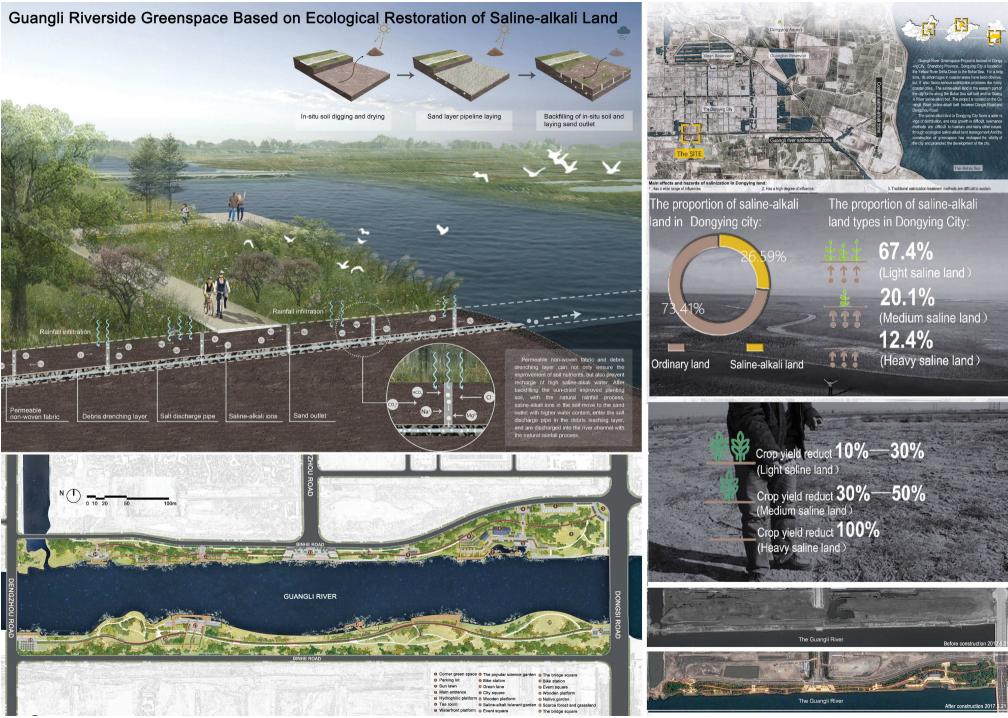


YAGAN SQUARE PERTH, AUSTRALIA

Yagan Square is a project of local and state significance for the city of Perth and Western Australia, located at the east end of the new MRA Citylink development which seeks to physically reconnect Northbridge with the Perth's CBD (and the Swan River). Yagan Square is a major civic space and performance venue, a flora reserve, a fresh food market, public realm art destination, a watercourse playscape, a digital animation venue and an indigenous education/ visitor information centre.

The design develops a clear cultural idea about the place of Yagan Square within the city and country, and is representative of the idea of convergence: of geologies, ecologies, tracks, narratives, of indigenous and non-indigenous people. The design elements of the meeting place, the digital tower, marketplace, playground, landscape ecologies and art are arranged to repair and amplify connections to the adjacent areas of the city and Northbridge.





AWARD OF EXCELLENCE

EXAMPLE 1 Space of Historical Pain to Railroad of Regeneration

The linear space of 6.3 km that extends across the southwest of Seoul has been a land of pain for the past 100 years. The abandoned site of Gyeongui Railroad Line, which has witnessed the wounds of many throughout the modern times ranging from the Japanese army's exploitation of labor to the suffering during war and the increase in the cities' slums, was transformed into a park, a change that astonished many. This dramatic reversal was the result of a combination of a park system that simply solved a complex urban problem and a design technique that re-interpreted railroad image in various ways. This extraordinary experience of the narrow linear space has been spreading throughout the city and progressing at a much faster rate than anticipated.



JAPANESE ARMY'S EXPLOITATION OF LABOR (1903)

SINSU-DONG SECTION CHANGE PROCESS

The ground railway moved underground and the place where the railway used to be became public park site

1967 Existing Railway







URBAN CONTEXT : City-Activating Linear Park

A framework was created to promote local communication for effectively utilizing the narrow and elongated open space through the park. Clogged alleys and closed spaces were opened and connected throughout the park, and an open space with a rest area was planned to be placed at each node where multiple pedestrian paths intersected.





SHAPE AND MATERIALITY : Reinterpretation of Railway

The first distinguishing element that was reviewed in the formation of the park's identify in a visual sense was a design technique for projecting the image of the 'Syeongui Line, materials that could easily be accessed through the ralicad and the surrounding environment were selected as the primary ones for the park, and an attempt was made to materials as they are was made.

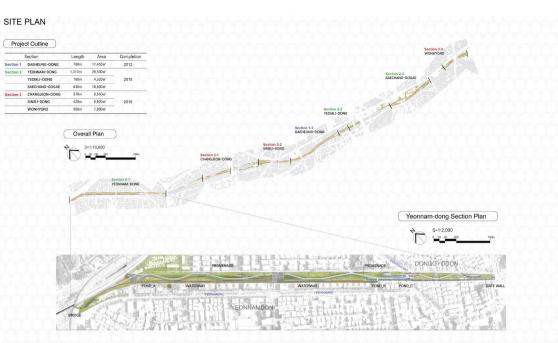








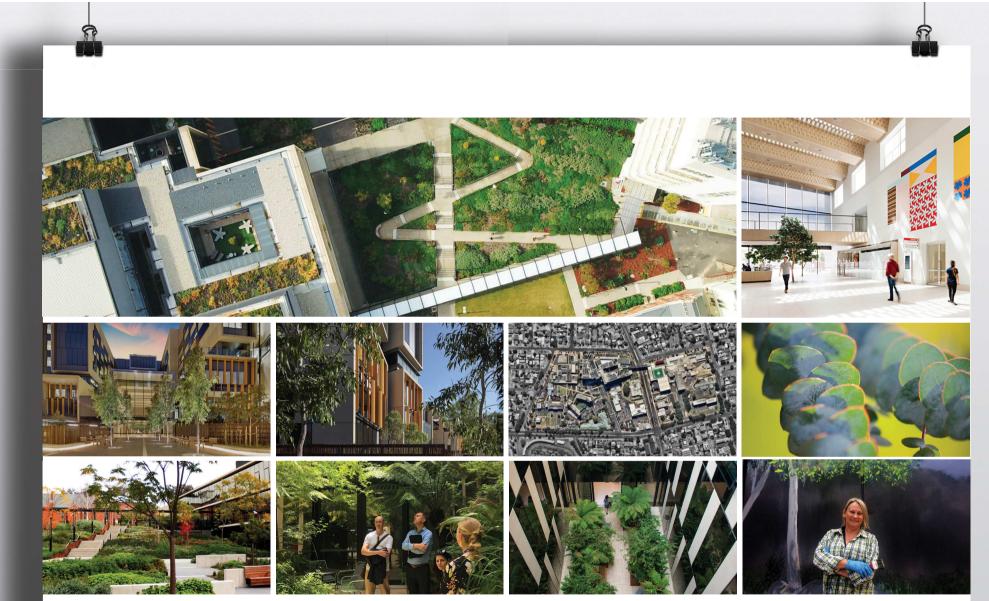




ECOLOGICAL ENVIRONMENT : Groundwater Below 50m and a Waterway

The Gyeongui Line underground project, which allowed for the inception of this project, brought an unexpected gift to the park. 5,000 tons of clean and cold groundwater naturally flowed into the tunnel-type railway, which was built 50 m underground, every day, and a railway operator had to pump out to the ground through a pump facility, 5,000 tons of water on the ground flowed along the waterway and pond, infusing life into the whole park. The low temperature of the water that zeme from deep in the underground reduced the temperature of the surrounding environment by approximately 1.5 degrees in summer. The waterway running along the trail serves as a drain for rainwater treatment during heavy rains. Rainwater gathers in the waterway through the slope-shaped green belt and the rain garden, minimizing environmental innact.





BENDIGO HOSPITAL PROJECT



30%

More public space for Sydney's inner

The transformation of Darling Harbour in Sydney, Australia is the city's most significant urban renewal initiative in 20 years - a once in a generation opportunity to remake a critical, central neighbourhood.

The harbour-side precinct is now home to the International Convention Centre Sydney (ICC Sydney), comprising three exceptional new venues, set within a 20-hetera public precinct of reinvigorated parklands, plazas and event spaces - with better pedestrian, cycle and public transport connections for this previously disconnected part of central Sydney.

The client envisioned a high-quality, open and flexible public realm that enabled a wide variety of casual and programmed uses. A place full of great spaces that heighten the experience of visitors to the venues, while presenting as attractions in their own right, and inspiring repeat visits.

An integrated design amplifies the spaces and experiences

The Darling Harbour public realm was delivered through a close, interdiscipitinary collaboration. This approach enabled an elegant design that integrates the public landscape and customised artworks with the architecture, maximising the public open space, cultural features, connectivity and views.

Darling Harbour Public Realm Sydney, Australia

amenity and habitat

y, All three ICC Sydney buildings are united through their continuous landscape base, terraces and materials. The urban landscape blends seamlessly with the surrounds and encourages permeability of the wider area. It integrates with the ICC Exhibition building façade, to deliver a terraced landscape, elevated event deck and expansive grassland green roof, connected by pathways and platforms that overlook the of precinct.

New trees to improve

Creating an authentic, captivating and sustainable place

The Darling Harbour transformation project has delivered:

A dynamic events precinct that is cutturally, economically and environmentally rich, including three public venues and Tumbalong Park as a high-capacity, open-air event space with staging facilities. A connected precinct with an enhanced network of lanes and streets; including The Boulevard, a

680m-long, Eucalypt-lined promenade that anchors the entire site. More diverse public experiences through engaging urban spaces, such as the Chinese Garden Square – a forecourt to the existing

Chinese Garden of Friendship that features shallow water pools for children's play and acts as market and event space for the precinct. A greener harbour with 550 new trees and 9,000sqm of additional green space, improving that people retu

9000

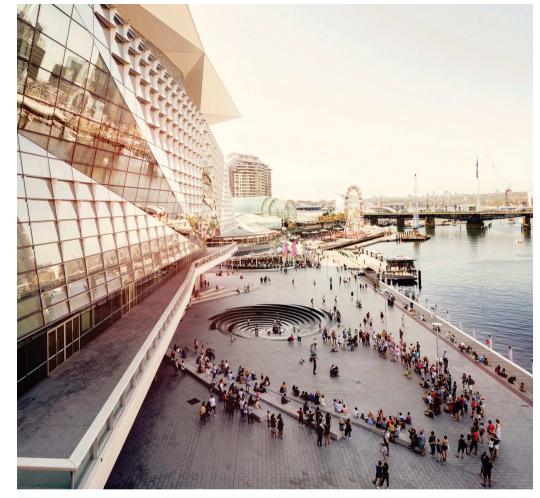
Square metres of additional green space

amenity and habitat through the extensive use of native species. Creps mythe has also been used as a nod to neighbouring Chinatown. _A narative for Darling Harbour and al distinctly "Sydney desprince. The stories of the site come alive through a vice range of curated artworks and landscape features inspired by Darling Harbour's history and ecology. Sculptures, audio and visual installations, including a 600sqm mural of indigenous flora embedded in the walls of the terraced landscape, provide new points of fun and intrigue. And active water fountains celebrate the waterfront location.

The project has received a 6 Star Green Star Communities rating from the Green Building Council of Australia. The design embraces the city's wider sustainability goals for open spaces through integrated WSUB solutions, green spaces, public transport connections and improved walkability. It has delivered 30 per cent more public space for Sydney's inner-city.

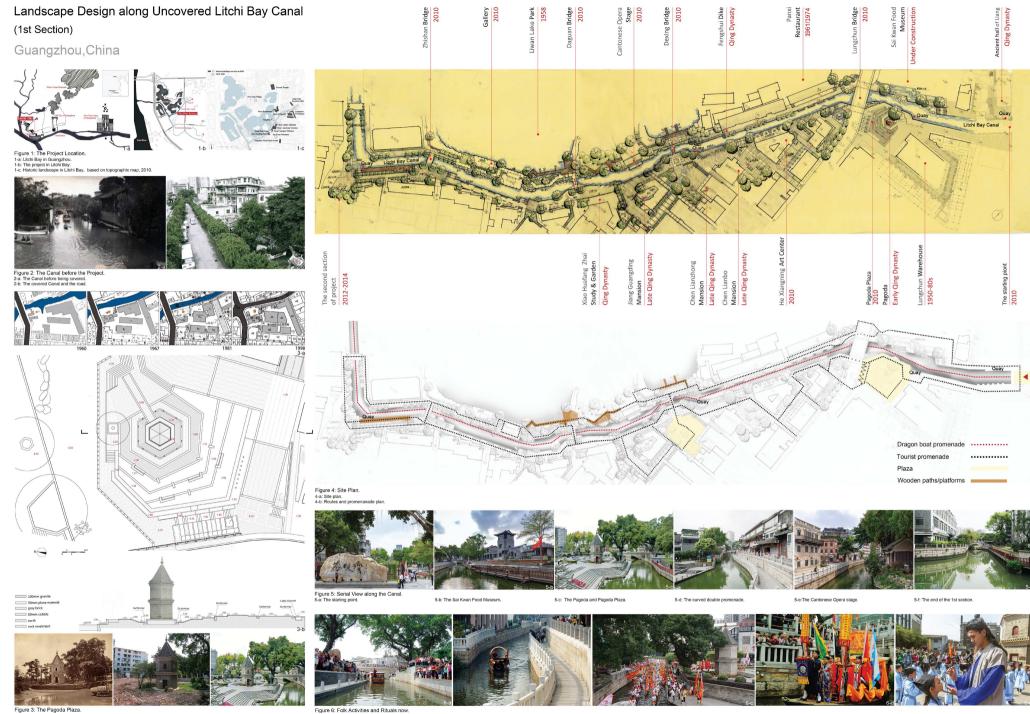
By creating more inclusive and engaging new places and improving existing locations, the precinct's appeal has increased with locals and visitors alike – generating ongoing social, economic and environmental benefits.

The revitalised public realm is turning Darling Harbour into one of the world's best urban places to live, learn, meet and be entertained – a place that people return to time and again.





AWARD OF EXCELLENCE



National River Park Corridor

THE NATIONAL RIVER PARK CORRIDOR IS A RIVER-EDGE LINEAR PARK THAT THREADS IN THE PERIPHERY OF THE HOME OF THE NATIONAL GOVERNMENT ADMINISTRATIVE CENTER AND HOSTS THE 2019 SOUTH EAST ASIAN GAMES, THE 1.24KIOMETER LONG AND 8.5-HECTARE DEVELOPMENT DESIGNED GREEN SPACE CATERS A DIVERSE SET OF USERS RANGING FROM ATHLEES, VISITORS, EMPLOYEES AND FAMILIES COMING FROM THIS EMERCING URBAN CENTER IN CAPAS, CLARK-TARLAC, PHILIPPINES.

THE PROJECT SITE IS AN EASEMENT FOR THE MASTERPLAN DEVELOPMENT THAT FEATURES A RIVER WITH A WIDTH OF 10 TO 15 METERS WITH SHALLOW WATERS. WITH A CONTOUR OF VARYING ELEVATIONS THAT DEFERS FROM 5 METERS TO 11 H49 — 400 MASIL METERS FROM THE RIVER BED CREATING 251 OF \$51.0CP REPERTAIGS. THE VARIETY OF THE SITE'S ELEVATIONS CREATES WATERSHEDS EVIDENCE THAT THE SITE IS A PART OF NATURAL COURSE OF WATER. THE SITE'S SIOL PROFILE BASICAUX CLASSIEND \$53.NDL CLAY AND SITT WITH A DEPTH REFERENCE OF 15 METERS. ALSO, THE SITE IS ELEVATIONS CREATES MANORY (BROWN NATURE) THE SITE IS A PART OF NATURAL COURSE OF WATER. THE SITE'S SIOL PROFILE BASICAUX CLASSIEND AS SAND, CLAY AND SITT WITH A DEPTH REFERENCE OF 15 METERS. ALSO, THE SITE IS ELEVATIONS (CREATES ADD PAULA) RANGORY (BROWN NATURE) THE SITE IS AND PLANT SPECIES DOWINANT TO THE SITE IS ELEVATIONS ("BROWN DATA SIN MANORY (BROWN NATURE) "AUBANDAMANG" (BROWNING MIDDIACIES) (NATURE) SUBJECTION AND WILD PANDAKAKI (Tabernaemontang pandacaqu), "TAMBO" (Programites vugardis) AND WILD AREVA (Aerva sanguinolenrid), LOCAL FAUNA HAS BEEN SEEN WITH WITH 11 H51E ULE IREPS, KING CORBAN, NISCITS, SAND ULZARDS (I) (Spoorma smarquadium)) AND EVEN THE LUZON STRIPED RAT (Chrolonnys winifeheadi) THAT IS ONLY TO BE FOUND IN THE COUNTRY. THE DESIGN SET A TRIAD OF ECOLOGICAL FRAMEWORKS OF STORM WATER MANAGEMENT, INTEGRATION OF LOCAL FLORA AND RIVER-DEG PROTECTION INTERWOVEN UNTO THE SITE'S CONTROL SURFACE RUNOFFS AND STORM WATER FLOWS AND FLIERS THROUGH A GROUP OF LIVING SWALES BHANGING THE GUALITY OF WATER BEFORE DECHARGINGT OT THE RIVER. EXISTING FLORA SET THE TONE OF

THE SITE IS REQUIRED TO BE A GREEN LEISURE SPACE SERVING VARIETY OF USERS COMING FROM THE SPORTS COMPLEXES, GOVERNMERT OFREES, RESIDENTIAL BUILDINGS AND COMMERCIAL HUS THREE MAJOR DESIGN FACTORS HAVE RESIS MARED ON THE EXISTING STREE LEARNERS AND CONTRICT THAT ARE REPEDT DO BE ADDRESSED. THE REQUECT STE HAVES (I) MULTIFLE WARESH MARED ON DUBIDE THE STIE AND DUTALLS FROM THE COMPLEXES WHICH DISCHARGES TO THE REVER, (2) PATCHES OF NATURE TRES AND LOCAL SHRUES SHOWS FRAGMENTATION OF EXISTING FLORA FURTHER CAUSING HABRATILOSS TO THE LOCAL FALLING, 3) RIVER EDGES WITH EXTREME SLOPES ARE PRONE TO EROSION. THESE MAJOR FACTORS NEED TO BE ADDRESSED THAT THE SOLUTIONS WEAVED TO THE SPACE PROGRAMMING OF THE SITE

PRESERVATION OF THESE SPECIES AND INTEGRATED WITH LOCAL PLANT MATERIAL THAT CO-SVISTS WITH THE NATURALLY OCCURPTING THE RIVER-EDGE DEVELOPMENT IN THE COUNTRY IS STULLINED WITH CONCRETE-RIPRAP WALLS. WHICH THIS PROJECT BREAKS THE NORMS

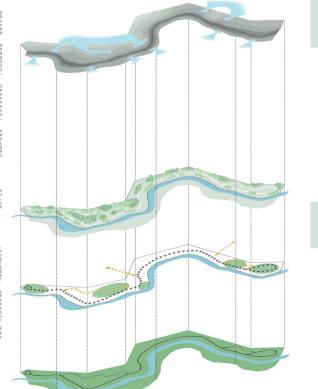
SPECIES. THE RIVER-EDGE IS REINFORCED WITH GABIONS STABILIZING THE SLOPE AND ALLOWING PLANTS TO THRIVE.

(1) CONTOUR + SURFACE RUNOFF

INTERCEPTORS, RAIN GARDENS

2 PATCHES + INTEGRATION

E TEAM IDENTIFIED PATCHES THAT NEEDED TO B



THE TERRACED LANDSCAPE IS DESIGNED TO FILTER THE EFFLUENT THAT COMES FROM THE SURFACE RUNOFF ON PAVED AREAS THAT MIMICS THE NATURAL RICE TERRACES OF THE INDIGENOUS PEOPLE THAT ADAPTS ON THE NATURAL TOPOGRAPHY .

INSPIRED FROM AN INDIGENOUS LANDSCAPE OF THE LOCALS, THE WALLS OF THE RICE FIELD ADAPTED INTO MODERN FORM OF GABION THAT IS USED AS A PROTECTION FOR SOIL EROSION ALIGNED TO THE NATURAL AESTHETICS OF THE SITE.

LOCATED AT ONE OF THE HIGH POINTS OF THE SITE, THE LOOP, INSPIRED FROM THE TOP MOST LAYER OF THE RICE TERRACE, SYMBOLISES

THIRD FILTRATION I

CONTINUOUS CROP HARVEST, ALSO FUNCTIONS AS THE CONTINIUTY OF USER CIRCULATION AND

ECOND FILTRATION LEVEL

ACTIVITIES.

WEAVING CULTURE AND NATURE

INSPRED WITH THE WELL-KNOWN PHILIPPINE TARESTRIES AND CRAFT MANING, MALL A TAGALOG WOOD TOW ELEMENT IN OFENTION OF THE ADDRESS OF THE ELEMENT IN OFENTION OF THE ADDRESS OF THE COMMUNITY TO ITS ENVIRONMENT IN WINCH THE RVER AND ITS PRETREPRETY TURNS INTO A DYNAMIC SPACE THAT WEAVES ECOLOGICAL ENVIRONMENT IN WINCH THE RVERS OF HATUBAL ENVIRONMENT HAT SUPPORTS BOOTWEETER AND ACTIVITIES

THE NATIONAL RIVER PARK CORRIDOR IS A RIVER-EDGE DEVELOPMENT INTERLACING ECOLOGIES, COMMUNITIES AND IDENTITIES LAID ON AN ENERGING URBAN FARRIC – EXHIBITS VIBRANT PATTERNS AND STRONG CONNECTIONS OF MAN AND NATURE.

AWARD OF EXCELLENCE

HEARTBEAT@BEDOK

IFLA ASIA-PAC LA Awards 2019, Cultural and Urban Landscape

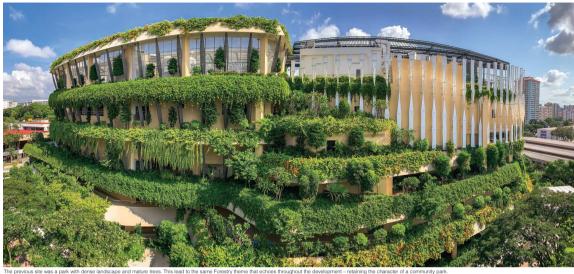
Heartbeat@Bedok is a luxuriant development located in a matured housing estate in Singapore. It is pioneer to housing multiple agencies managing different facilities from healthcare to recreation, and bring residents of different backgrounds together, improving social ties and cultivating community spirit.

The civic development is predicated on the increasing number of elderly within the area, with roughly 14-18 percent of residents in Bedok aged 65 and above. This prompted various designs and conveniences catered for active ageing.

In reverence to its historical park of dense landscapes and mature trees, the proposed design carries the same Forestry theme throughout the development, retaining the character of a community park. The verdure is practical, utilised as privacy and acoustic screens from the neighbouring residential units.

To create an environmentally progressive building for the tropical climate, passive environmental designs were implemented to promote wind flow, adopt high ceiling spaces, self-shading facades and cross ventilation. In fact, the extensive landscape area is irrigated using harvested rainwater, with sensors to reduce potable water use.

Greywater filtration systems, and wastewater management were integrated into the building's extensive landscaping, resulting in an overall design that is not only environmentally efficient, but community driven.



URBAN HARMONY

Heartbeat@Bedok sits on a community park that has been central to the neighborhood since 1960s. Its design took into consideration the accessibility of the park and its connectivity to the surrounding area.



. Pedestrians used to traverse the existing site in a diagonal path.

1 1

 The building elements were then designed around the circulation path.



The diagonal circulation and the existing 4. Final Massing park were used as a design operator.

MEW TO OPEENED

To preserve aspects of the original green space, lush greenery is integrated into the design to compensate for the green spaces that were previously part of the park.



A variety of greenery - trees, shrubs and creepers, envelops the mass of the building, mitigating its visual impact on the massing. They serve as natural screens for the indoor areas by reducing heat gain.

View of Heartbeat@Bedok from Bedok North Stree



Softscape selection was influenced by the species native to Singapore



Every floor plate is bordered with greenery, creating a modern urban and biophilic space.



Scarborough Foreshore Redevelopment

Project statement:

This project transforms a disconnected and carparkdominated beachfront into one of Australia's most iconic urban beach experiences – a precinct focused on health, wellness and celebration.

The central ambition underpinning the project was to reduce the impact that road infrastructure has on the precinct, remove carparking and return Scarborough Foreshore to the people.

The design is defined by two main pedestrian promenades that provide clear circulation and frame new amenities and recreational opportunities along the beachfront.

The project was highly collaborative, with the lead designers working with specialist skate and play designers on the skate park, and local architects on the shade arbours, as well as an Indigenous artist on integrated artwork that incorporates place-based cultural heritage elements.

The project includes civic plazas and new development zones, opportunities for jogging, bouldering, skating, cycling and other active uses, and provision for retail and food/beverage outlets.

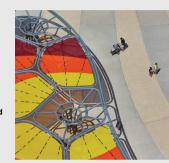
In the north of the site a new 11-metre turfed landform has been created from the recycled spoil called Sunset Hill – it allows spectacular views over the Indian Ocean, particularly at sunset, as well as up and down the beach.

The project serves as an example of how tired urban waterfronts can be transformed into multi-layered landscapes promoting health and wellbeing.

















Master plan of "coastal green corridor"



Snapshot of coastal green corridor



Arboretum



Jogging track



Rest and recreation activity site



Interesting site



Leisure site

