

# FISU WORLD UNIVERSITY GAMES PARK

Chengdu, Sichuan Province, China





# PROJECT STATEMENT

The FISU (Fédération Internationale du Sport Universitaire) World University Games Park located in Dong'an Lake side of east Chengdu, China. The main stadium will host 31st World University Game of Games opening and closing ceremony. The game has been postponed to July 28, 2023 due to the epidemic.

The design is inspired by the Sun and Immortal Birds Gold Ornament, which symbolizes the ancient Chinese people's reverence for sports and life. The primary objective of the project is to promote sports culture and national fitness culture through the provision of world-class facilities for professional events and local residents.

Visioning to integrate and advance urban development in the eastern region of Chengdu, the strategy emphasizes the provision of elastic spaces for function conversion, easy accessibility through a slow traffic loop, and sustainability through urban ecosystem planning and low-maintenance design. The urban garden area showcases the gateway of the sports park, while the central plaza serves as a multifunctional urban living room.

In conclusion, the park will provide an iconic welcoming atmosphere for athletes and visitors, showcasing the unique Chengdu culture and enchantment to the world. It makes the FISU World University Games Park an ideal site for Chengdu 2021 FISU Games.



Overall Aerial View

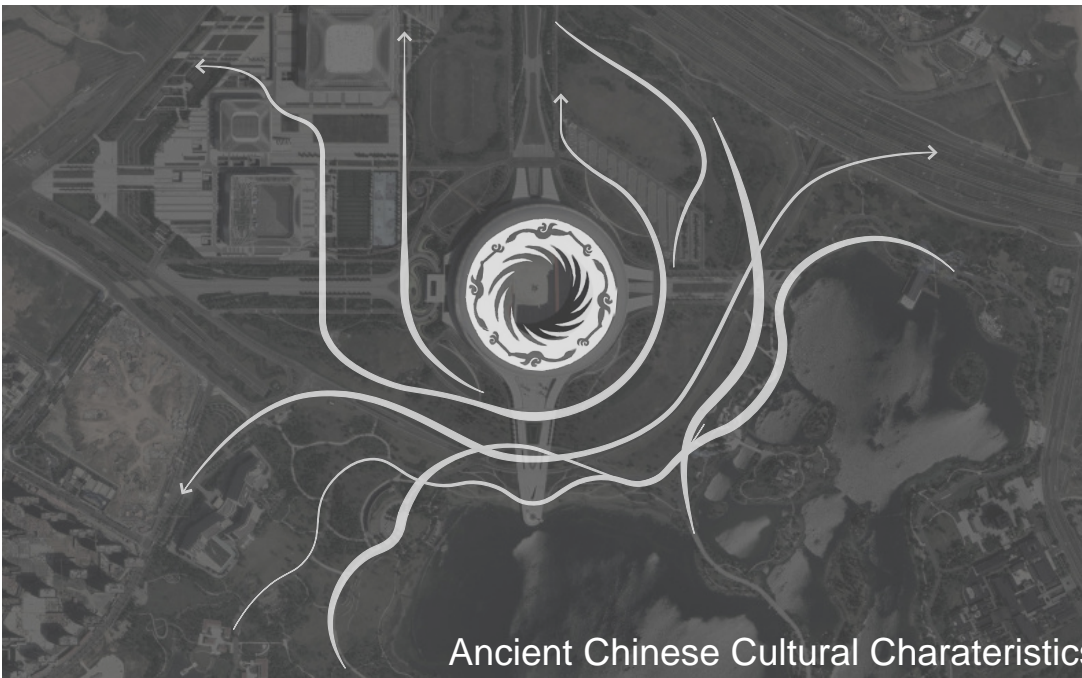


# CULTURAL VALUE - LOCAL ANCIENT CULTURE

The design of the FISU World University Games Park is inspired by the visual and spiritual representation of the Sun and Immortal Birds Gold Ornament, which symbolizes the local culture of Chengdu and the splendid ancient Chinese civilization.



The 3000-year-old golden artifact, discovered at the Jinsha Site of Shang and Zhou dynasties in Chengdu, vividly portrays the ancient myth of “Jinwu Fu Ri” (the golden crows carrying the sun). The four divine birds flying around the rotating sun, circling repeatedly, illustrate the ancient human’s profound admiration for the sun and birds, conveying their reverence for life and sports. The unique blend of ancient city’s civilization and the contemporary youth culture has been created here at the Dong’an Lake Sports Park, showcasing the beauty of the past and the dynamic spirit of the present.





# CULTURAL VALUE - SPORTS CULTURE

## FISU CULTURE

The Chengdu 2021 FISU Games is a global sports event for university students that fosters cultural exchanges among young people from different nations while enhances Chengdu’s international reputation.

The design framework utilizes the east-west axis of the stadium to create a thematic partition for professional events. The main torch tower, situated on the south side of the primary stadium at Dong’an Lake, is integrated with a floating terrace along the lake to serve as the spiritual landmark at the end of the waterfront axis to promote the sports culture of university students to the city.







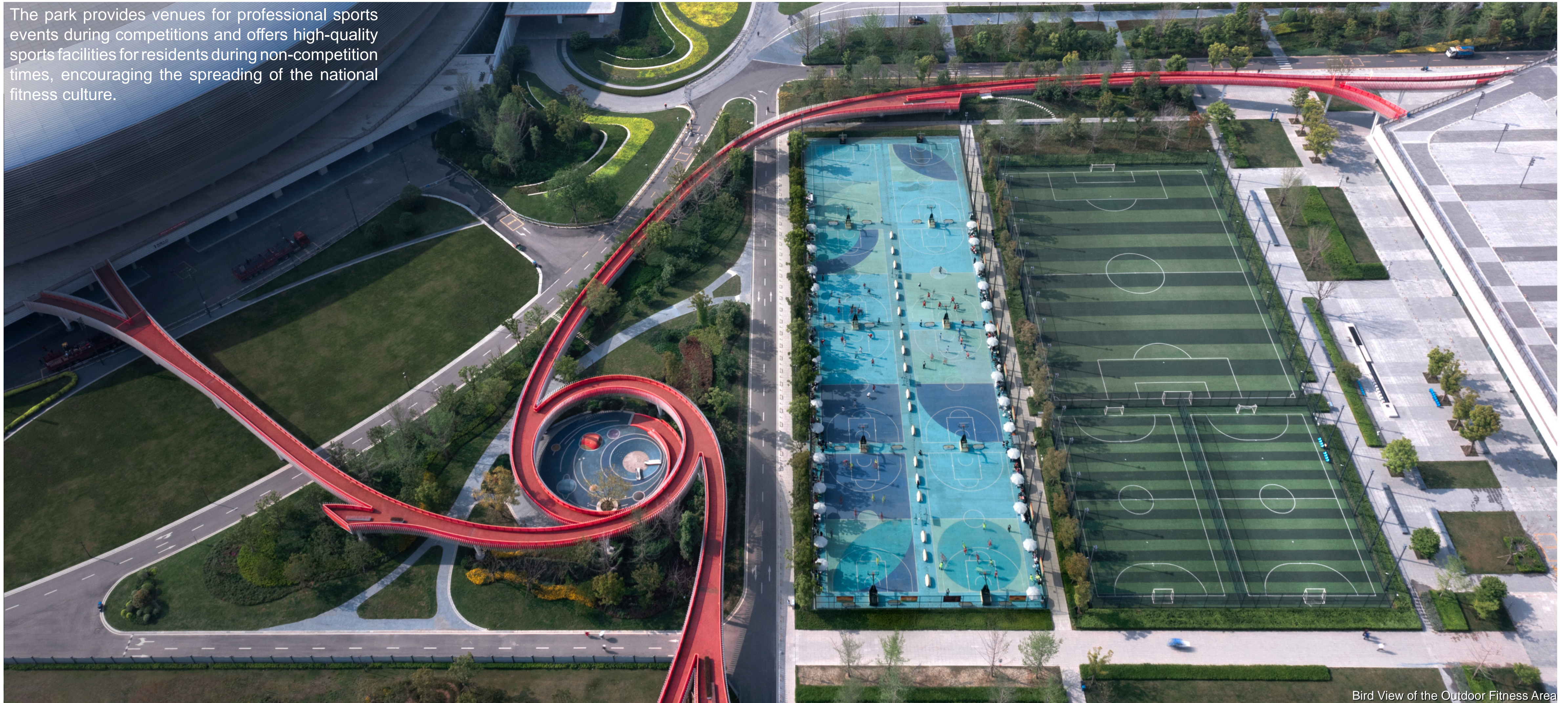
Lakeside View



# CULTURAL VALUE - SPORTS CULTURE

## NATIONAL FITNESS CULTURE

The park provides venues for professional sports events during competitions and offers high-quality sports facilities for residents during non-competition times, encouraging the spreading of the national fitness culture.



Bird View of the Outdoor Fitness Area



# CULTURAL VALUE - *SPORTS CULTURE*

## NATIONAL FITNESS CULTURE



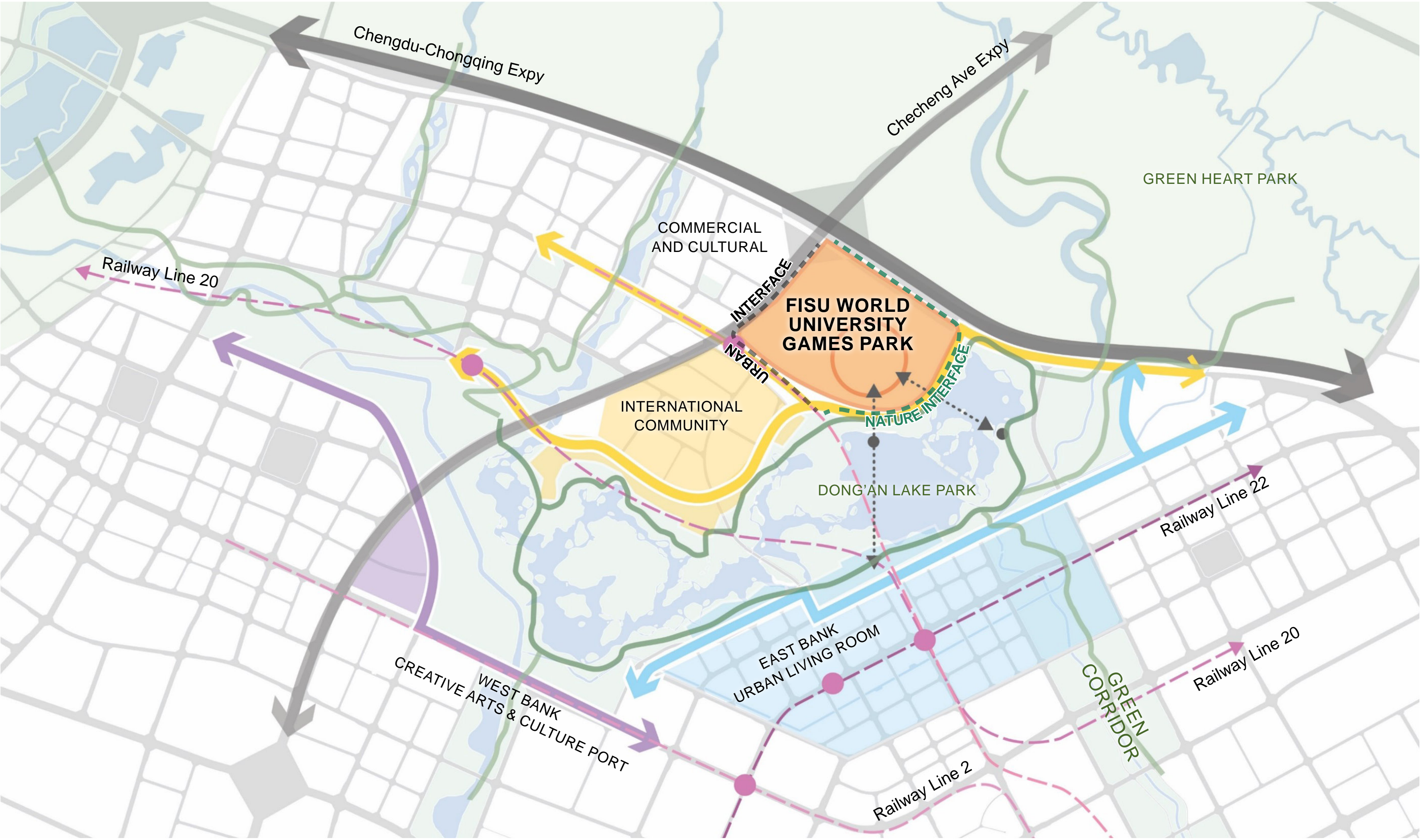


# DESIGN VISION - INTEGRATION AND ADVANCEMENT OF REGIONAL DEVELOPMENT

The Fisu World University Games Park project is situated in the eastern region of Chengdu, approximately 22 kilometers away from the city center. The Dong'an Lake area is an essential part of Chengdu's "Eastward" strategy and the eastern sub-center of the city. The sports center covers a total land area of approximately 728,000 square meters, of which the landscape design area comprises around 563,510 square meters. It is an integral part of the Dong'an Lake Park and will be seamlessly integrated with the surrounding ecological network and green space system.

Spatially, the project is oriented towards the urban skyline on its southern side, while the northern side takes the Green Heart Park as its scenic background. Functionally, it connects with the commercial and residential areas of the international community on the southwest side.

The southwest corner of the site is the location of a future subway station and an intersection of the highway and expressway, which is a crucial node for the future traffic development and construction of the Dong'an Lake area. The project will advance the comprehensive development of the Dong'an Lake area from an economic, transportation, industrial, and ecological perspective.





# DESIGN VISION - *INTEGRATION AND ADVANCEMENT OF REGIONAL DEVELOPMENT*

## URBAN INTERFACE

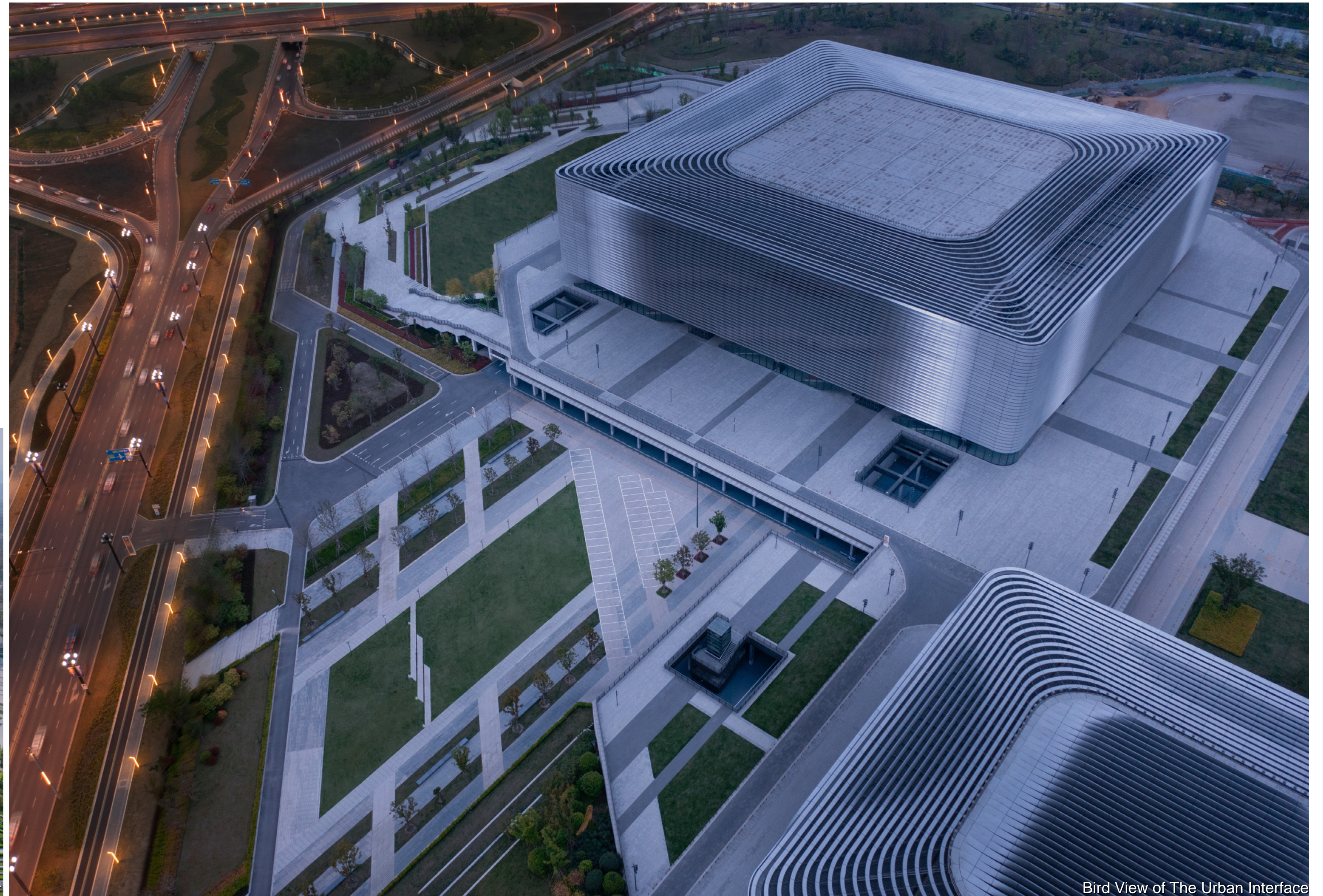
As the vital urban interface, the Urban Garden Area plays a significant role in traffic diversion and showcasing as the gateway of the sports park. This area also links the outer commercial programs and attracts more visitors.

The main entrance on the west axis presents the image of the sports park to the world, utilizing curved flower beds and arranged plantings.

Moreover, it combines with the second-floor building platform to create a display surface facing the street, using artistic topography to mitigate the height difference between buildings and the site. The Terraced Garden, Leisure Courtyard, and other landscape nodes contribute to the creation of a colorful and exquisite landscape belt on the street.



Bird View of The Urban Garden Area



Bird View of The Urban Interface



# DESIGN VISION - *INTEGRATION AND ADVANCEMENT OF REGIONAL DEVELOPMENT*

## URBAN INTERFACE



Terraced Garden



Bird View of the Terraced Garden



Human-Scale Paths in The Terraced Garden



# DESIGN VISION - *INTEGRATION AND ADVANCEMENT OF REGIONAL DEVELOPMENT*

## NATURE INTERFACE

On the lake side, the Waterfront Balcony Area places particular emphasis on the relationship between the adjacent park and the waterfront.

The sun-drenched lawn serves as an expansive open space and features several play areas for children, contributing to a vibrant garden atmosphere teeming with diverse activities.

By leveraging water resources to establish a welcoming and aquatically-focused environment, this area not only enhances the recreational experiences of residents, but also provides the city with a multifaceted venue for a wide range of activities. The strong connections has also been established here to link the sports facility and the urban ecological areas.

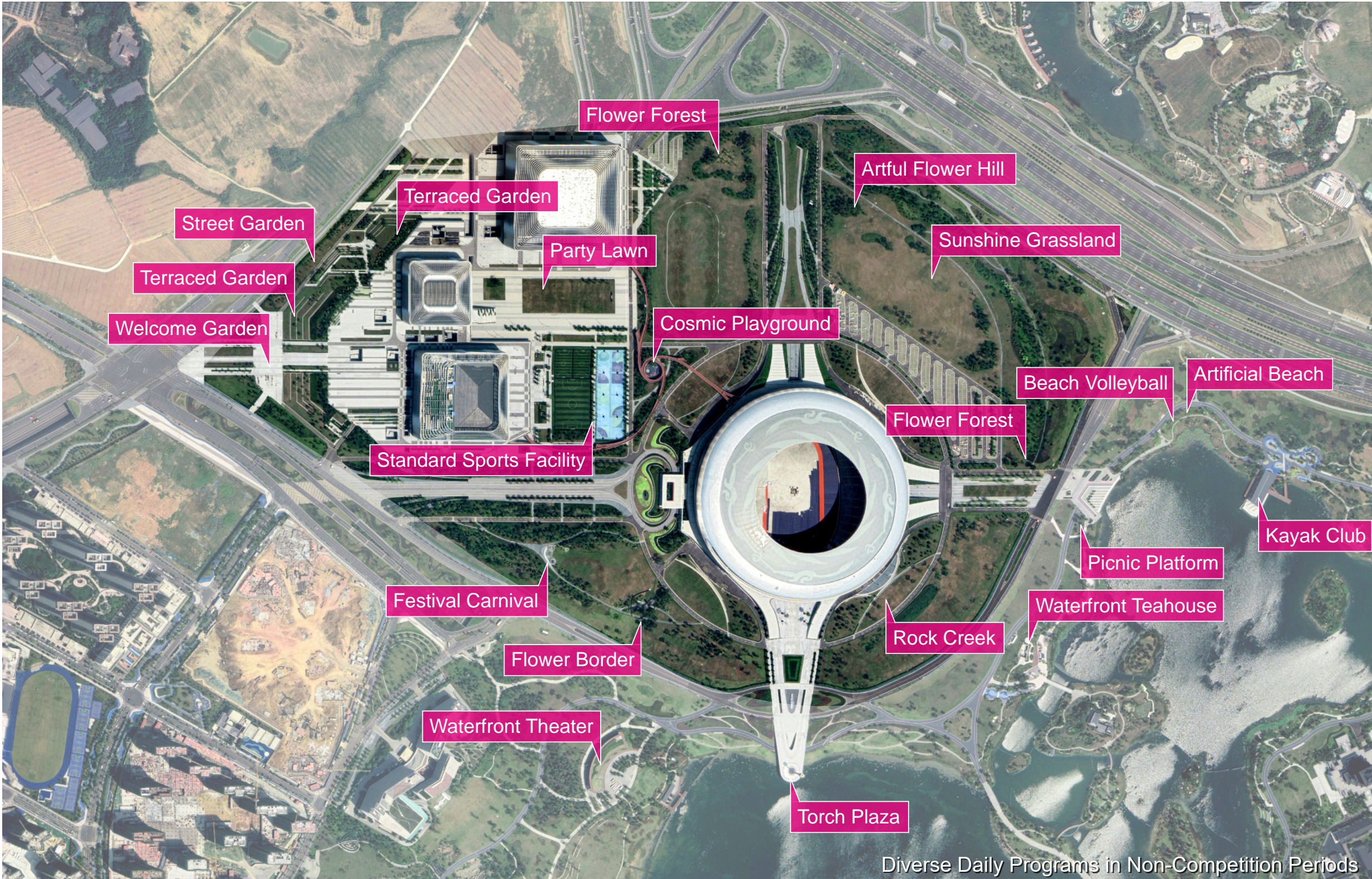




# LANDSCAPE DESIGN STRATEGIES - *ELASTIC SPACE*

## EMPHASIZING FUNCTION CONVERSION BETWEEN COMPETITION AND NON-COMPETITION PERIODS

The design highlights flexible function expansion that integrates with the surrounding urban functions and interface, dividing the competition control area and audience activity area. The emphasis is on function conversion in and after the competition periods, highlighting core nodes, and providing multi-functional activity venues that cater to public gatherings and post-competition activities. The goal is to improve the site's usage efficiency, stimulate vitality and enhance its appeal.





# LANDSCAPE DESIGN STRATEGIES - *ELASTIC SPACE*

EMPHASIZING FUNCTION CONVERSION BETWEEN COMPETITION AND NON-COMPETITION PERIODS



A Thematic Lawn for Flexible Functions



A Grand North Corridor for Professional Events



The North Corridor with Human-scale paths



# LANDSCAPE DESIGN STRATEGIES - ACCESSIBILITY

## A LANDSCAPE CORRIDOR LINKS VENUES AND A SLOW TRAFFIC LOOP LINKS FUNCTION NODES

Efficient traffic flow is achieved by separating pedestrians and vehicles, ensuring effective crowd evacuation during the race and convenient access post-race. The core buildings in the Fisu World University Games Park include one stadium and three halls, namely the main stadium, multi-functional gymnasium, small ball hall, and swimming and diving hall.

The landscape corridor system at the second-floor level enhances the connectivity between venues and provides an opportunity to expand into the Commercial Garden in the future. The children's activity area under the corridor adds to the three-dimensional and rich sequence of experience, creating a fun cosmic playground that incorporates the terrain to offer a unique and engaging experience.

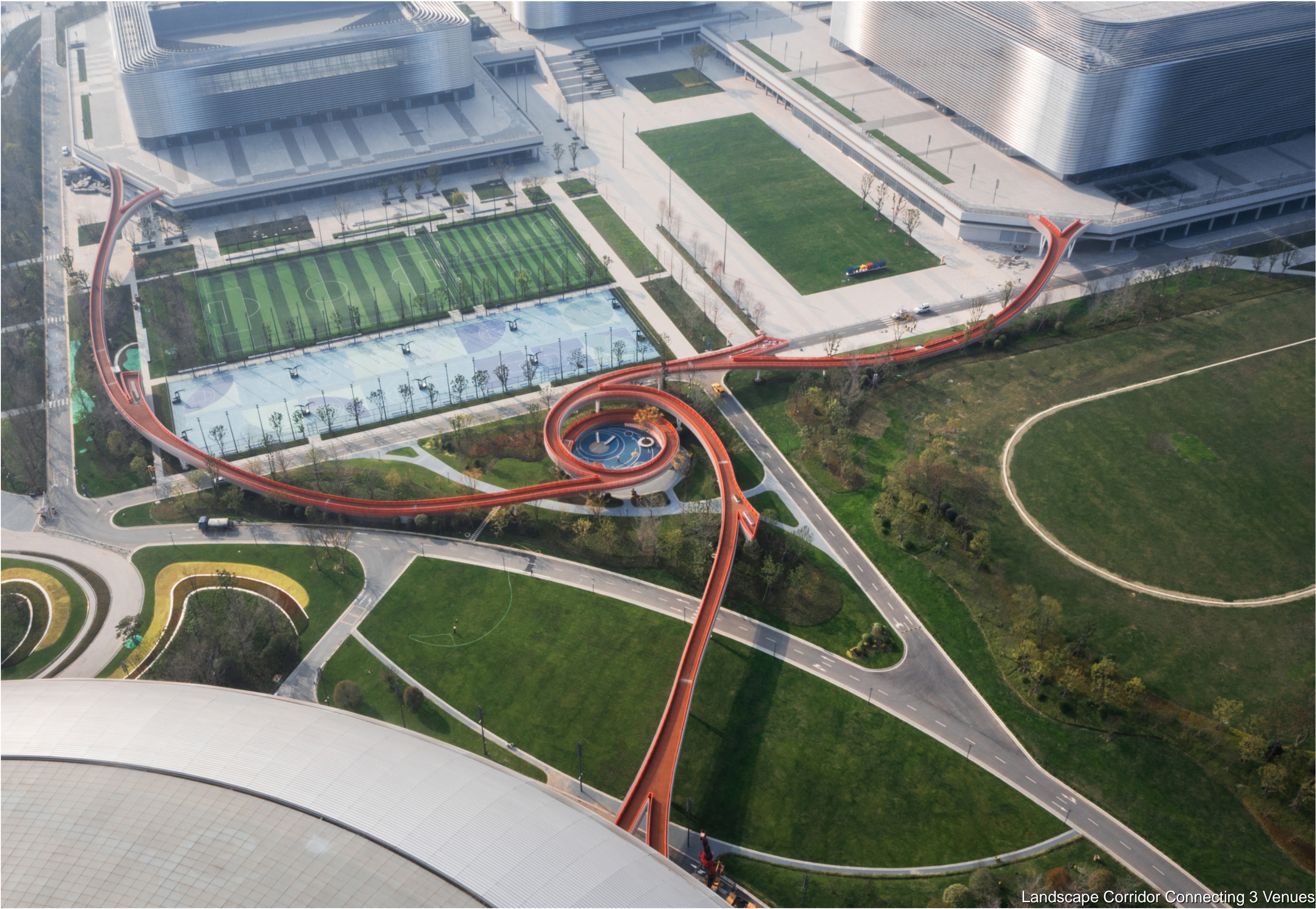
The slow traffic loop links the functional nodes, expanding the service scope of the sports center to other urban areas in combination with future public transportation.





# LANDSCAPE DESIGN STRATEGIES - ACCESSIBILITY

A LANDSCAPE CORRIDOR LINKS VENUES AND A SLOW TRAFFIC LOOP LINKS FUNCTION NODES



Landscape Corridor Connecting 3 Venues



Cosmic Playground Under Landscape Corridor



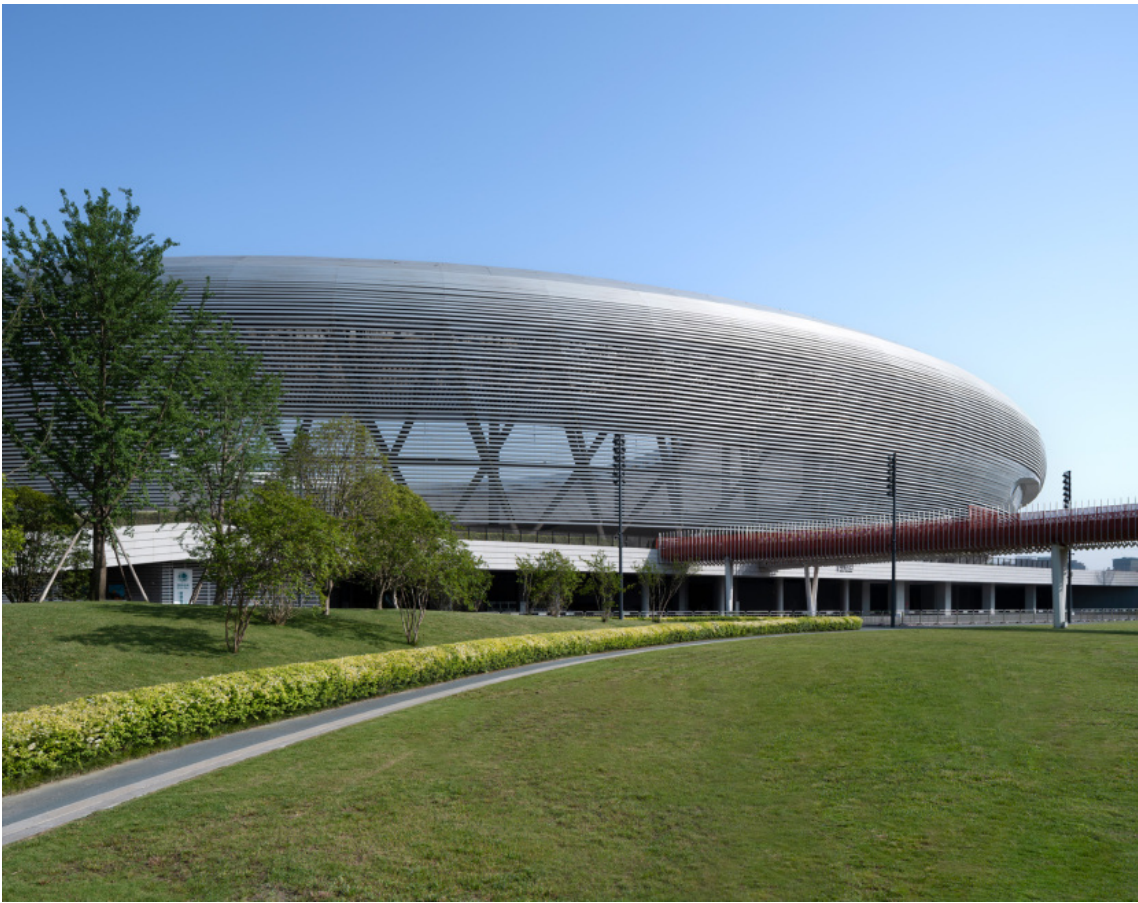
Slow Traffic Loop



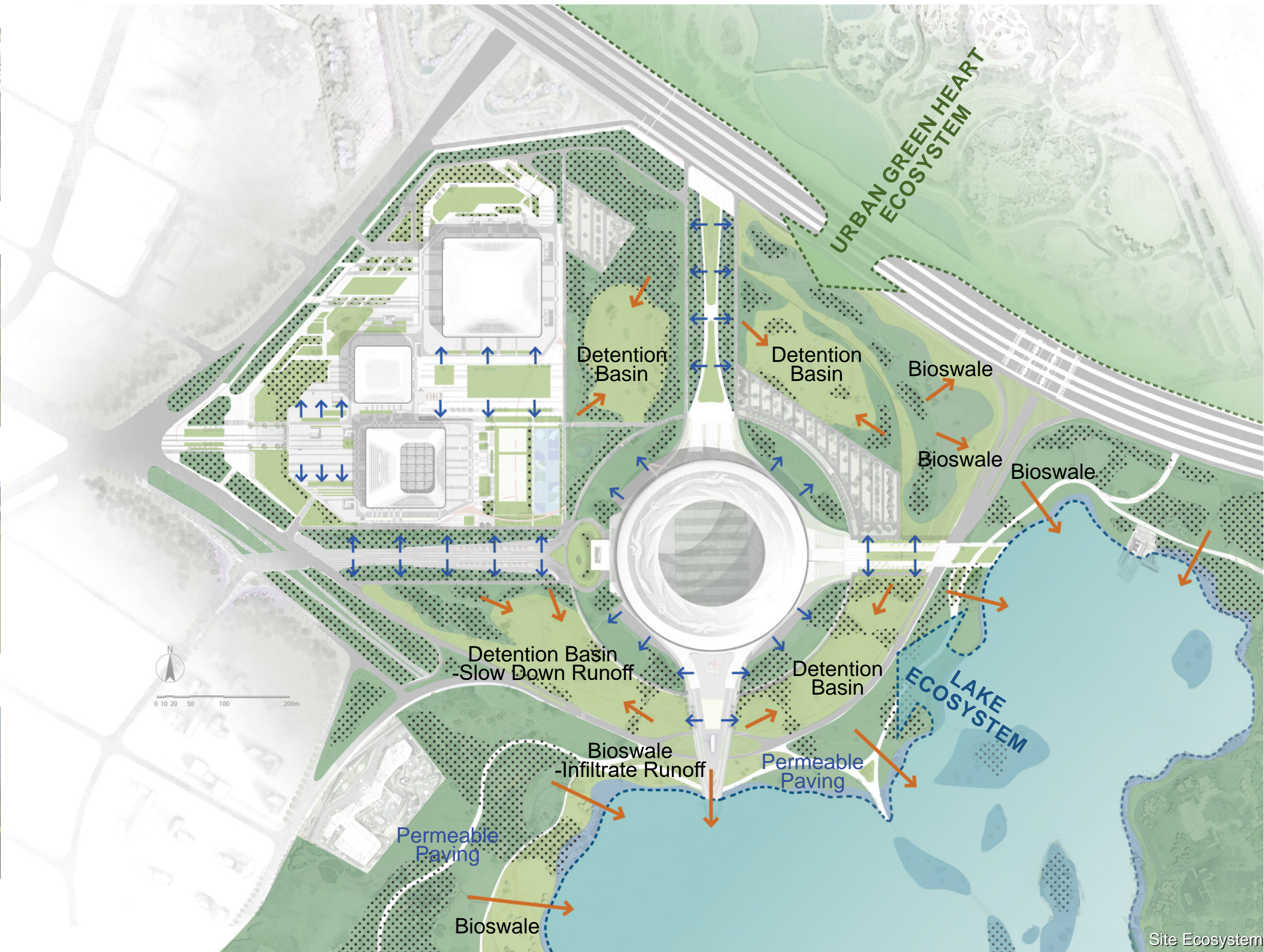
# LANDSCAPE DESIGN STRATEGIES - SUSTAINABILITY

## CREATE AN EFFICIENT URBAN ECOSYSTEM AND REDUCE MAINTENANCE COSTS

The site adopts a design approach to minimize maintenance costs and create an efficient urban ecosystem. Geological impermeability is utilized to construct sunken green areas, such as retention pools and rain gardens, to form a sponge drainage system that provides water for plant irrigation. The scientific planting strategy takes into account the natural growth habits of trees, shrubs, and lawns, creating an ecological community that reduces maintenance costs. Combined with low-carbon landscape facilities, this design approach forms an efficient urban ecosystem.



→ Planted Area Drainage  
→ Plaza Drainage





# LANDSCAPE DESIGN STRATEGIES - *SUSTAINABILITY*

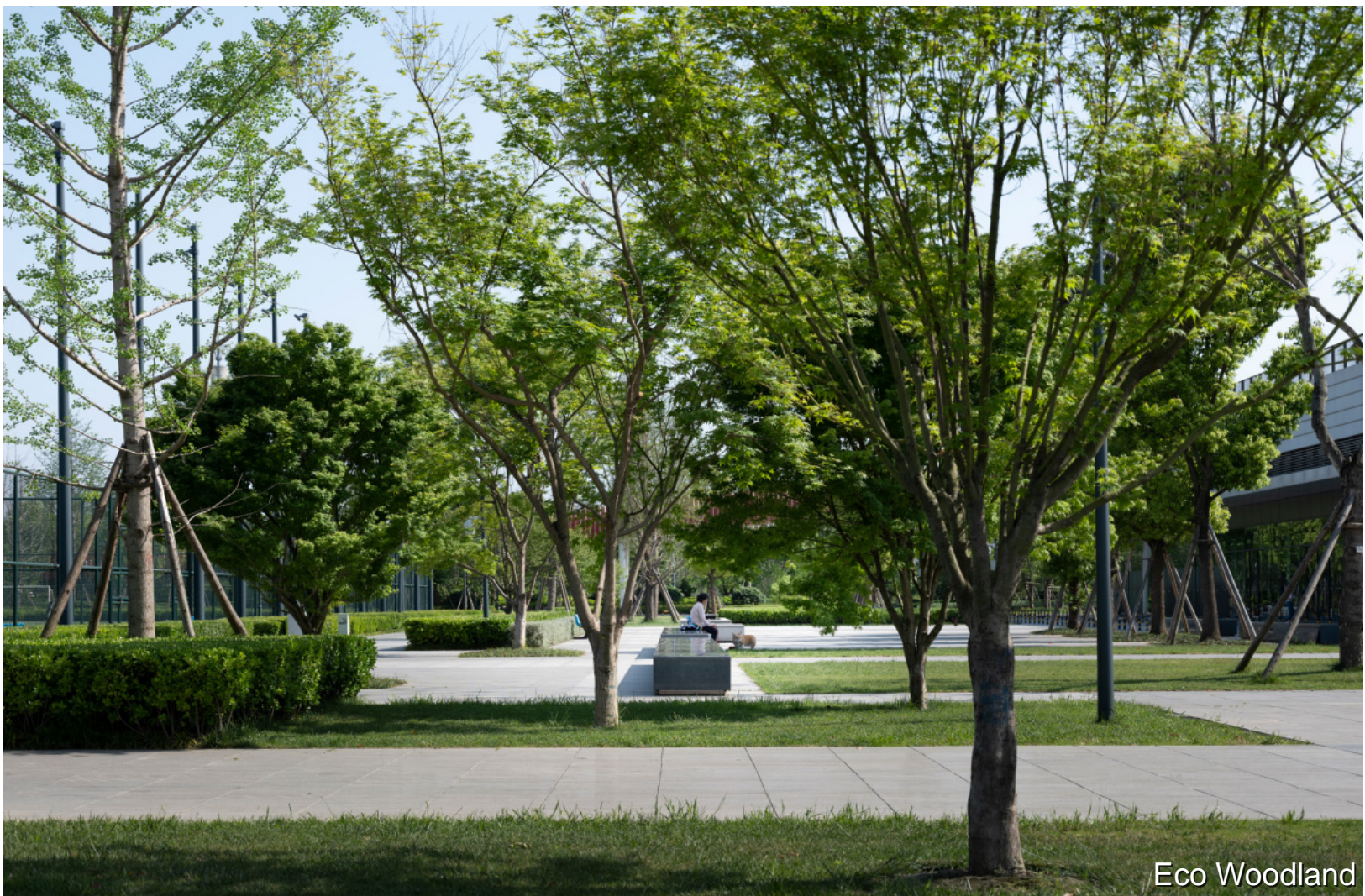
CREATE AN EFFICIENT URBAN ECOSYSTEM AND REDUCE MAINTENANCE COSTS



Waterfront Wetland



Permeable Paving



Eco Woodland



# LANDSCAPE DESIGN STRATEGIES - *SUSTAINABILITY*

CREATE AN EFFICIENT URBAN ECOSYSTEM AND REDUCE MAINTENANCE COSTS



Low-maintenance Plants



Multi-Layer Shrubland



# LANDSCAPE DESIGN STRATEGIES - *SUSTAINABILITY*

## PLAN FOR THE SUSTAINABLE OPERATION AND MANAGEMENT

This design emphasizes the versatility of space usage, seizing the chances such as naming opportunities of the sports venues and leasing of the sports facilities to generate continuous income for future operation. This approach provides a functionally diverse and sustainable sports park that prioritizes long-term viability.





In conclusion, the unique blend of ancient city's civilization and the contemporary youth culture has been created here at the, showcasing the beauty of the past and the dynamic spirit of the present. It also promotes the sports culture and national fitness culture through the provision of world-class facilities for professional events and local residents.

In the near future, the park will become a new cultural landmark of Chengdu, China.

