

News and Events

Design winner for the Singapore Rail Corridor



Celia Choong
15 December 2015



Get in touch



Share

Arup's collaboration with Nikken Sekkei and Tierra Design helped the team win an international design competition for the redevelopment of the city state's historic rail corridor.

Arup, as part of the multidisciplinary Nikken Sekkei led team, emerged winner out of 64 entries from around the world. The team has been appointed to develop the design for the first section of this high profile project based on their masterplan proposal, "Lines of Life". Arup will be supporting all engineering disciplines.

The Rail Corridor is a 24km long disused railway line that stretches from the north to the south of Singapore. In March this year, the Urban Redevelopment Authority of Singapore (URA) invited design professionals to develop a Concept Masterplan and Concept Proposals to transform the Rail Corridor into a social space that honours heritage, while fostering a strong sense of community ownership in a natural setting.

The winning design features a cycling path coursing through the full length of the corridor, as well as having 122 access points, 10 nodes and eight distinctive sections offering different experiences along the Rail Corridor. The 12-member evaluation panel has praised the design for providing an extensively detailed plan that addresses the needs and expectations of the design competition, while, above all, remaining committed to a holistic and clear vision of delivering a community-centred public space.

The team's distinctive methodical and thorough approach in analysing the constraints and identifying opportunities and unique characters along different stretches of the Rail Corridor and its adjacencies give rise to a Master Plan that is able to address all major requirements of the RFP brief pertaining to connectivity, accessibility, enhancing biodiversity and heritage along the Rail Corridor... The team also included ideas on how the community can continue to be involved in the post development of the Corridor to foster a sense of community ownership and civic pride and suggested how the use of modern mobile technology and apps can enhance the user experience. - Citation from the evaluation panel

“ Arup combined our international expertise with an in-depth local understanding of Singapore and its direction for the future, in supporting Nikken Sekkei to develop the winning entry. Being awarded the Concept Master Plan for the Rail Corridor is a recognition of a successful collaboration and a commitment to improve the urban environment for the community. We are encouraged by this endorsement, and are looking forward to creating a lasting legacy in Singapore. ”

Henry Jeens
Project Director

The next stage of the RFP will see Arup and the Nikken Sekkei team working together with key collaborators and related government agencies to revise their design, following which they will start on the pilot design for a 4km designated stretch of the Rail Corridor.

Details of the winning entry and further information are available on the [Rail Corridor website](#).

For more information, watch the '[Lines of Life](#)' video.