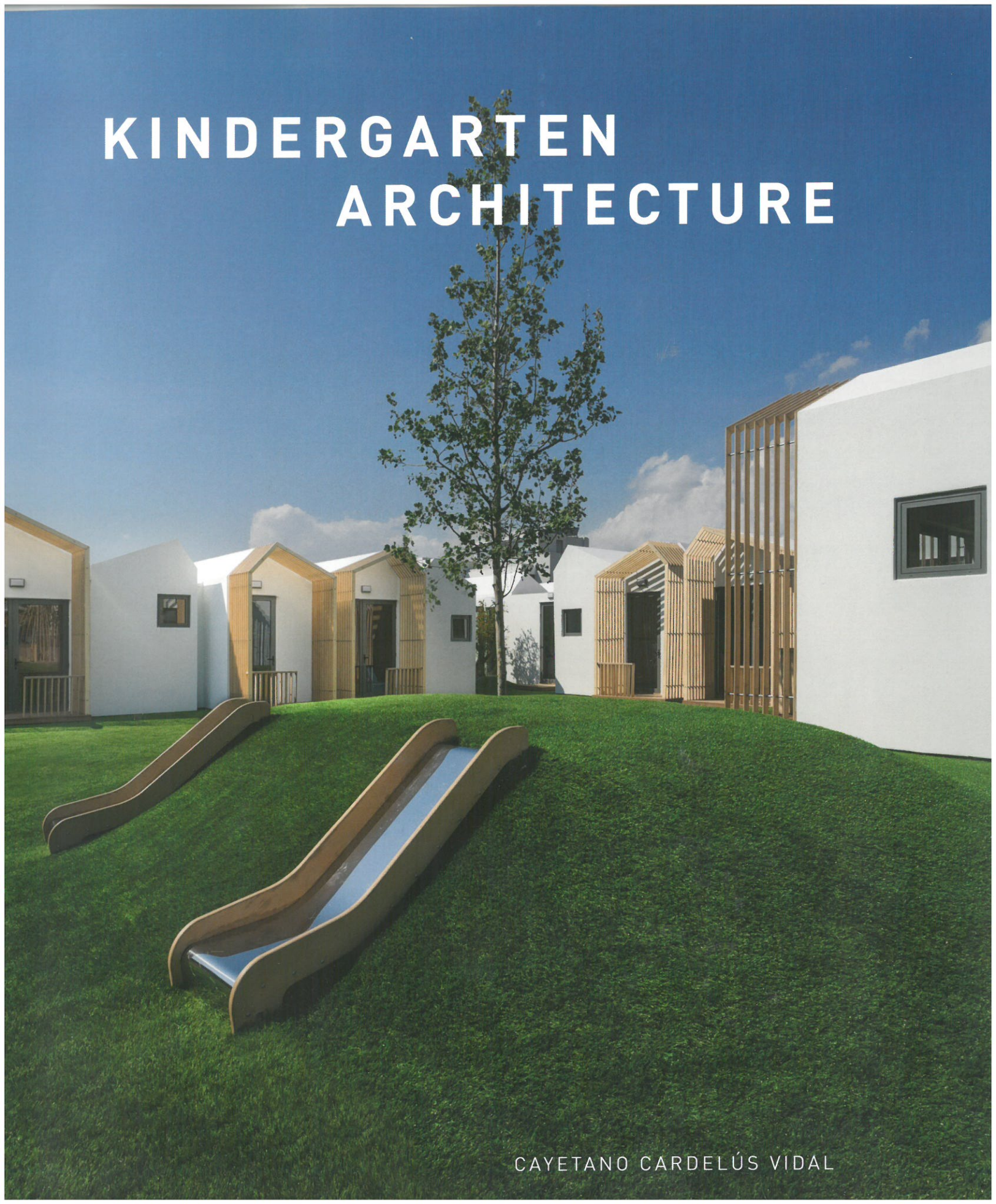


KINDERGARTEN ARCHITECTURE



CAYETANO CARDELÚS VIDAL

FAIRYTALE KINDERGARTEN

LOCATION: DISTRICT XIII, BUDAPEST, HUNGARY
PHOTOS: © TAMÁS BUJNOVSZKY, BÁLINT JAKSA

The Fairytale Kindergarten is the first passive house certified childcare institution in Hungary. The new building, which replaced the existing 8 classroom kindergarten, features 8-8 classrooms on the ground floor and first floor respectively. The custom-designed roof play garden acts as the fifth façade of the building in the urban setting, where children can play in a protected, shaded environment. The circular, square and triangular shapes of the roof terrace create a vertical connection with the interior changing rooms and accessways, through light wells. These unique design solutions help children feel at home, and well oriented. Unique, funny and lovely figures on the floors, walls, doors and glass are an integral part of the building. Walls with magnetic paint can be used to organize an exhibition of children's art in a moment.

Die Märchenkindergarten ist die erste als Passivhaus zertifizierte Kinderbetreuungseinrichtung in Ungarn, das den zuvor 8 gruppigen Kindergarten ersetzt hat, verfügt nun mit jeweils 8 Gruppenräumen im Erd- sowie im Obergeschoss. Ein speziell entworfener Spielplatz auf dem Dach fungiert als fünfte Fassade des Gebäudes in der städtischen Umgebung, wo Kinder in einer geschützten und schattigen Umgebung spielen können. Die runden, quadratischen und dreieckigen Formen der Dachterrasse schaffen durch Lichtschächte eine vertikale Verbindung zu den inneren Umkleideräumen und Zugängen. Diese Designlösung hilft den Kindern zur besseren Orientierung und Wohlfühl im Haus. Einzigartige, lustige und charmante Figuren auf den Böden, Wänden, Türen und Gläsern sind ein integraler Bestandteil des Gebäudes. Wandflächen mit magnetischem Farbenanstrich dienen als Organisations- und Ausstellungsfläche der Kinder.

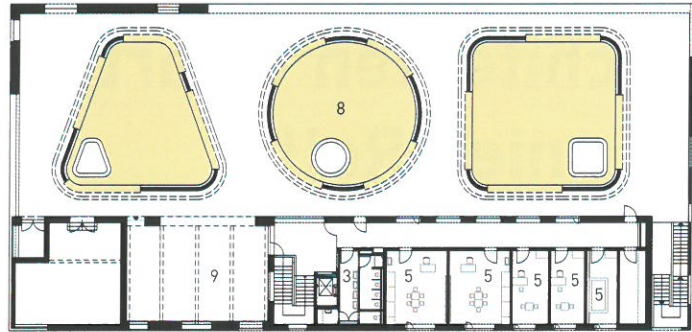


Le jardin d'enfants Fairytale est la première institution de garde d'enfants certifiée par la maison passive en Hongrie. Le nouveau bâtiment, qui a remplacé l'actuel jardin d'enfants de 8 classes, comprend 8 à 8 salles de classe au rez-de-chaussée et au premier étage respectivement. Le jardin d'enfants sur le toit, conçu sur mesure, constitue la cinquième façade du bâtiment dans le cadre urbain, où les enfants peuvent jouer dans un environnement protégé et ombragé. Les formes circulaires, carrées et triangulaires de la terrasse sur le toit créent une connexion verticale avec les vestiaires intérieurs et les accès, grâce à des puits de lumière. Ces solutions de conception uniques aident les enfants à se sentir chez eux et bien orientés. Des figures uniques, drôles et adorables sur les sols, les murs, les portes et les vitres font partie intégrante du bâtiment. Les murs avec peinture magnétique peuvent être utilisés pour organiser une exposition d'art pour enfants en un instant.

La Fairytale Kindergarten es la primera institución de cuidado de niños certificada como casa pasiva en Hungría. El nuevo edificio, que reemplazó al actual jardín de infancia de ocho aulas, cuenta con ocho aulas en la planta baja y ocho en el primer piso. Una zona de juegos ajardinada en el techo, diseñada a medida, actúa como la quinta fachada del edificio en el entorno urbano, donde los niños pueden jugar en un entorno protegido y sombreado. Las formas circulares, cuadradas y triangulares de la terraza del tejado crean una conexión vertical con los vestuarios interiores y los accesos, a través de pozos de luz. Estas soluciones de diseño ayudan a los niños a sentirse en casa, y bien orientados. Figuras únicas, divertidas y encantadoras en los suelos, paredes, puertas y cristales son una parte integral del edificio. Las paredes con pintura magnética pueden ser utilizadas para organizar exposiciones de arte infantil.



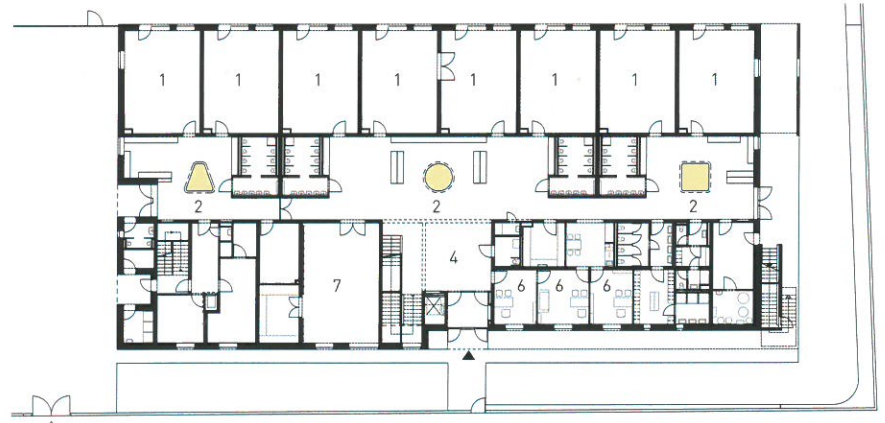




Second floor plan



First floor plan



Ground floor plan

- | | |
|------------------------|--------------------------------------|
| 1. Classroom | 7. Gym |
| 2. Corridor / changing | 8. Roof terrace - covered playground |
| 3. Restroom | 9. Roof terrace - open air theatre |
| 4. Foyer | |
| 5. Therapy room | |
| 6. Office / meeting | |



Section

DIRECTORY

1+1>2 ARCHITECTS

MR. HOANG THUC HAO

-Lecturer at National university of civil engineering NUCE
-Winner World Architecture Festival Award 2015
-SIA-Getz Architecture Prize 2016 for emergent architecture in Asia
-Vassilis Sgoutas Prize 2017 by the International Union of Architects

Sentia school

Project Team: Hoang Thuc Hao, Do Minh Duc
Construction period: 2016
Total built area: 3,826 m²

Awards:

-WAF 2016 shortlist
-Top 5 Spec go green award 2018
-3rd prize National Architecture Award 2019

General contractor: Local construction team

Suppliers: DULUX, TOTO, Viet Phap Steel Company

Consultants: 1+1>2 Architects

Jungle flower

Project Team: Hoang Thuc Hao, Son Vu
Construction period: 2016
Total built area: 1,413 m²

Awards:

-The International Architecture Award 2017
-Vietnam Green Architecture 2018
-AMP Architectural Design Award – Educational project 2018

General contractor:

1+1>2 Construction Contractor

Suppliers: 1+1>2 Construction Contractor

Consultants: 1+1>2 Architects
Invested by Phoenix Foundation

Da Hop School

Project Team: Hoang Thuc Hao, Nguyen Duy Thanh (lecturer at NUCE), Tran Hong Nam, Vien Thi Thu
Total built area: 2,200 m²

General contractor: CCU11

Suppliers: Phuc Tri Trading Construction Investment Company Limited, DULUX

Consultants: 1+1>2 Architects

ABAU | ANTONIO BLANCO ARCHITECTURE AND URBAN PLANNING Kindergarten in La Pañoleta

Project Team: Antonio Blanco Montero
Construction period: Nov. 2011-June 2012
Total built area: 1,000 m²

General contractor: Construcciones Temir

Suppliers:

-Color glass: Vanceva

-Zinc: VM Zinc

Consultants: Sergio Estévez Salazar (structural analysis)

ARCHIKON ARCHITECTS

Vizafogó Kindergarten

Project Team: Csaba Nagy, Károly Pólus, Ágnes Törös, Miklós Batta, Gábor Laczkó, Bence Várhidi, Jakab Urbán, Nikolett Zsidai
Construction period: 2018-2019
Total built area: 1,962 m²

Awards:

-PIRANESI Award 2020, shortlisted

-HIGHLIGHTS of Hungary 2020, shortlisted

-HUNGARIAN MEDIA Architecture Award 2019, First prize winner

-HUNGARIAN MEDIA Architecture Award 2019, Audience award winner

-HUNGARIAN MEDIA Architecture Award 2019, Building Reconstruction special prize winner

General contractor: PRÍM Építő Kft.

Collaborators:

-Structure: Tibor PINTÉR (Ékiterv Mérnökiroda Kft.)

-HVAC: Zoltán SOR (PHQ Kft.)

-Electricity: István KARÁCSONYI (Kartel60 Bt.)

Builder: Municipality of Budapest District XIII

Fairytales Kindergarten

Project Team: Csaba Nagy, Károly Pólus, Ádám Pásztor, Ágnes Törös, Tamás Kiss, Bence Várhidi

Construction period: 2015-2016

Total built area: 2,640 m²

Awards:

-BIGSEE Architecture Award 2019, winner

-MIES VAN DER ROHE Award 2017, Nominee

-PIRANESI Award 2016, nominee

-RIBA Award 2017, nominee

-HUNGARIAN MEDIA Architecture Award 2016, Jury special prize winner

-HUNGARIAN MEDIA Architecture Award 2016, Audience award winner

-HUNGARIAN MEDIA Architecture Award 2016, Special prize winner for energy efficiency

-EXCELLENCE Award of Budapest Chamber of Architects 2017, winner

-FIABCI Hungary XIX.th Prix d'Excellence Award 2017, winner

-FIABCI Hungary XIX.th Prix d'Excellence Award 2017, Public building category winner

-FIABCI Hungary XIX.th Prix d'Excellence Award 2017, Special prize winner for energy efficiency

-FIABCI WORLD Prix d'Excellence Award 2017, nominee

-ENERGY GLOBE Award 2017, Building Category winner

-PRO ARCHITECTURA Award 2017, nominee

-FAÇADE OF THE YEAR, Baunit 2018, Special prize winner

-LIFE CHALLENGE, Baunit 2018, nominee

General contractor: FK Raszter Építő Zrt.

Collaborators:

-Structure: Tibor PINTÉR (Ékiterv Mérnökiroda Kft.)

-HVAC: Zoltán SOR (PHQ Kft.)

-Electricity: István KARÁCSONYI (Kartel60 Bt.)

-Graphics, painting: Tímea FERTH, Zsuzsanna HERLING

-Passiv house expert – Imre MISKOLCZY (Energiaterv Kft.)

Builder: Municipality of Budapest District XIII

Suppliers: 1+1>2 Architects

Consultants: 1+1>2 Architects

Invested by Phoenix Foundation

General contractor: Local construction team

Suppliers: DULUX, TOTO, Viet Phap Steel Company

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Invested by Phoenix Foundation

General contractor: Local construction team

Suppliers: DULUX, TOTO, Viet Phap Steel Company

Consultants: 1+1>2 Architects

Invested by Phoenix Foundation

Suppliers:

-Landscape Architecture: Stefan Fromm

-Structural engineer: Schneck Schaal

Braun Ingenieurgesellschaft Bauen mbH

Owner: Max-Planck-Gesellschaft, Munich

ATELIER 56S

Recreational Center and School in Elven

Project Team: Fanny Landeau, José Prieto

Construction period: 2019

Total built area: 740 m²

General contractor: Legendre

Construction, ACM, DUVAL, ADB

Suppliers: Reckli, Reynaers, Keller, Le Prieuré

Consultants: ECB

Primary School in La Couyère

Project Team: Fanny Landeau, José Prieto, Lise Gaillard

Construction period: 2017

Total built area: 250 m²

Award: Chilean Architecture biennale, ADC awards 2019

General contractor: COREVA, SER AL FER

Suppliers: Terca, ALU K

Consultants: BECB + La Plage

ATELIER BNK

Yuni Nursery School

Project Team: Tatsuya Goto, Hiroshi Horio, Hideyuki Hatakenaka, Takeshi Murakuni, Yo-shihiro Miura

Construction period: January 2002

Total built area: 868 m²

Award: Hokkaido Red Brick Architecture Award 2003

General contractor:

-Main contractor: Konoike Construction Corporation, Kawakami Corporation JV

-Electrical Engineering: Ono Corporation

-Mechanical Engineering: Umehara Corporation

Suppliers: Yuni town

Consultants:

-Structural Design: Shichida Structural Design

-Mechanical & Electrical Engineering

-Design: IU Engineering, Nishibu Engineering

-Landscape Design: Atelier BNK

Itoi Elementary School

Project Team: Makoto Kato, Masayuki Yamaki, Takeshi Murakuni, Aoi Akimoto, Ryoko Yamamoto, Yoshihiro Miura

Construction period: October 2007

Total built area: 3,893 m²

Awards:

-Public Building Award, Excellence Prize 2012

-Annual Architectural Design Commendation, Architectural Institute of Japan 2010

General contractor:

-Main Contractor: Tanaka Corporation, Suzuki Corporation, Asahi Corporation JV

-Electrical Engineering: Hasegawa Corporation, Miyatake Corporation, Kyoko Corporation JV

-Mechanical Engineering: Fujiya Corporation, Union Corporation JV

Suppliers: Shibetsu city

Consultants:

-Structural Design: Kanebako Structural Engineers

-Mechanical & Electrical Engineering

Design: Sogo Consultants

-Furniture Design: Atelier BNK

-Landscape Design: Atelier BNK

-Environmental Adviser: Northern Regional Building Research Institute

Numata Elementary School

Project Team: Makoto Kato, Hideki Saganuma, Mitsutoshi Ikehata, Nana Ikemura, Toshimi Takemura

Construction period: December 2012

Total built area: 4,185 m²

Awards:

-Selected Architectural Designs of the Architectural Institute of Japan 2015

-Japan Architecture of the Year 2014 selected by the JIA

General contractor:

-Main contractor: Iwata Chizaki Corporation, Koshin Corporation, Makari Corporation JV

-Electrical Engineering: Toko Corporation

-Mechanical Engineering: Ikeda Corporation, Matsuo Corporation JV

Suppliers: Numata town

Consultants:

-Structural Design: Kanebako Structural Engineers

-Mechanical & Electrical Engineering

Design: Sogo Consultants

-Furniture Design: Chiori Design, Conde House

-Landscape Design: Atelier BNK

-Environmental Research: Northern Regional Building Research Institute

General contractor: Local construction team

Suppliers: DULUX, TOTO, Viet Phap Steel Company

Consultants: 1+1>2 Architects

Invested by Phoenix Foundation

General contractor: Local construction team

Suppliers: DULUX, TOTO, Viet Phap Steel Company

Consultants: 1+1>2 Architects

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