

SOLA RADHUS

索拉市鎮大廳



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We propose the new Rådhus as an open and accessible meeting ground for the citizens of Sola.

By distributing the required program into two new volumes connected through building D, we activate a credible pedestrian Rådhusgata to the east. The new volumes are contained within a major and minor structure. The major structure contains the main entrance from Rådhusgata, the central administration, the municipal rooms, and welfare offices; the minor volume contains the community development and technical offices, the cafe and canteen; while building D contains the health clinic, childcare, and child welfare. At level one, bridges connect building D to the east to the major structure and to the minor structure to the north.

The resulting complex allows for flexible, interactive spaces, which can evolve and be executed over time. The flexible internal arrangement of the different departments is achieved through a series of cascading and spiraling public plazas and stairs that puncture through each floor. Like the Spanish Steps in Rome, the spiraling stairs and plazas separate and connect the different departments, while also stimulating natural stack effect ventilation. Due to the pinwheel organization of this circulation, each floor-plate creates a different social identity and center of gravity. Structurally, this is resolved by introducing slanted timber columns that align in plan and section to form large-scale timber trusses. Organized as a cruciform in plan, these large-scale timber trusses eliminate the need for any load-bearing cores or fixed partitions. The floor-plates are composed of laminated timber panels, creating abundant thermal mass for passive heating and cooling. The floor-plates span and cantilever from the cruciform-shaped timber trusses to create an open and transparent perimeter enclosed by a wood curtain wall. By placing the secondary office circulation along the perimeter, a highly transparent and dynamic façade is activated and visible to the pedestrians below.

索拉 市鎮大廳

我們期望新的市鎮大廳作為向索拉公民開放的社交場所。

通過將所需的功能分配到建築物D連接的兩個空間中，我們激活了一個從 Rådhusgata向東的适宜的行人通道。新空間被包含在一個主要結構其次要附屬之中。主要結構包含從Rådhusgata的主入口、中央管理、市政房間和福利辦公室；次要空間包含社區發展和技術辦公室、咖啡館和食堂；而建築D包含健康診所、兒童保育和兒童福利辦公室。在二層，橋樑將連接建築物D與東部到主要結構和北部的次要結構。

所得到的綜合體包含靈活的交互空間，並可以隨著時間演進。不同部門的靈活內部安排是通過一系列相互聯系的公共廣場和穿透每個樓層的螺旋式的樓梯來實現的。類似于羅馬的西班牙階梯，螺旋式樓梯和廣場分開和連接不同的部門，同時也刺激自然堆棧效應通風。由於該流線的風車型組織，每個樓板暗示了不同的社會身份。在結構上，則是通過引入傾斜的木柱，在平面和剖面對齊以形成大型木桁架。這些大型木桁架在平面中組織為十字形，消除了對任何承重核心或固定隔板的需要。地板由層壓木板組成，為被動加熱和冷卻提供條件。通過沿著周邊佈置次級辦公室環境，高度透明和動態的外觀被激活並且對下面的行人可見。

PROJECT

Town hall, café, offices, auditorium, health clinic, archive

SIZE

8,570 m² (92,247 ft²)

LOCATION

Sola, Norway.

VALUE

\$13 million

KEY PERSON

Andrew Heid

TEAM

Maria Carriero, Yawen Jing, James Kubiniec, Jean Lien, Kirby Liu, Sophie Maquire, Jingyuan Yang, Daniel Zuvia

項目

大會堂·咖啡廳·辦公室·禮堂·健康診所·檔案

規模

8,570平方米 (92,247平方英尺)

位置

索拉·挪威。

造價

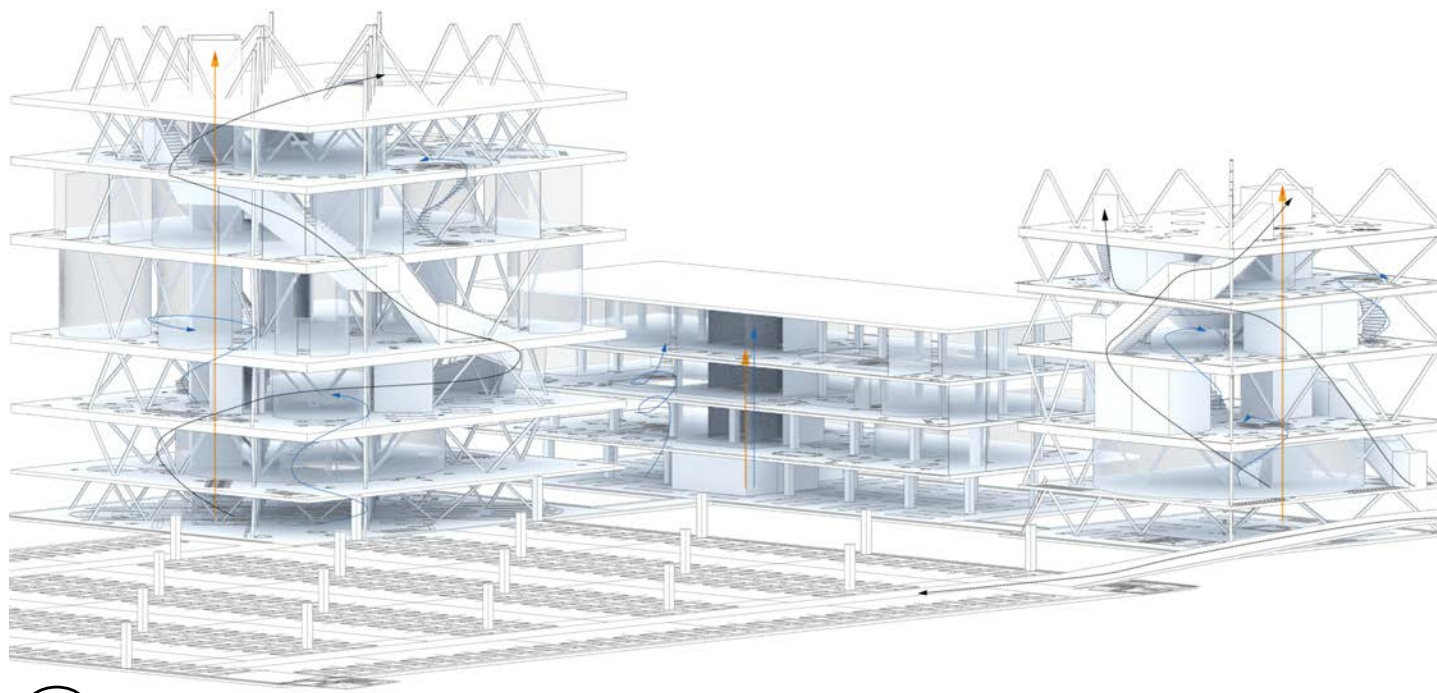
1300萬美元

關鍵人物

安德魯·海德

團隊

Maria Carriero · Yawen Jing · James Kubiniec · Jean Lien · Kirby Liu · Sophie Maquire · Jingyuan Yang · Daniel Zuvia



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