

BART VERHEYEN



ARCHITECT

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STRAMIEN CVBA

Mechelsesteenweg 271 - 5

B-2000 ANTWERP BELGIUM

+32 3 248 54 02

bart.verheyen@stramien.be

KEY SKILLS

- Architecture
- Heritage
- Sustainability

PROFESSIONAL EXPERIENCE

1990 Internship arch. Luigi Snozzi — Lausanne (CH)

1991 Internship arch. P. Van de Poel, Antwerp (B)

1994 Partner at Van de Poel & Partners

1999 - now Partner at STRAMIEN, office for Architecture, Urban Planning and Landscape architecture , Antwerp (B)

EDUCATION & CREDENTIALS

1983-1988 H.A.I.R. Antwerp (B)

Master in Architecture

keystudy : Le Corbusier, planning the Left Bank in Antwerp 1933

1989-1990 Ecole Polytechnique LAUSANNE (CH)

assistant arch. Prof. Luigi SNOZZI

POST ACADEMIC TRAINING

2009 Architecture, sustainability and energy efficiency

KEY PROJECTS

SD WORX

Office Buildings and sustainable renovations in Antwerp, Brussels, Kortrijk, Hasselt

ECO HUIS

Reconversion of a warehouse into Didactic Centre for Ecological architecture, Antwerp

PERMEKE

Reconversion of a Garage into City Library, Antwerp

KDG

University Campus, Antwerp

SPTM

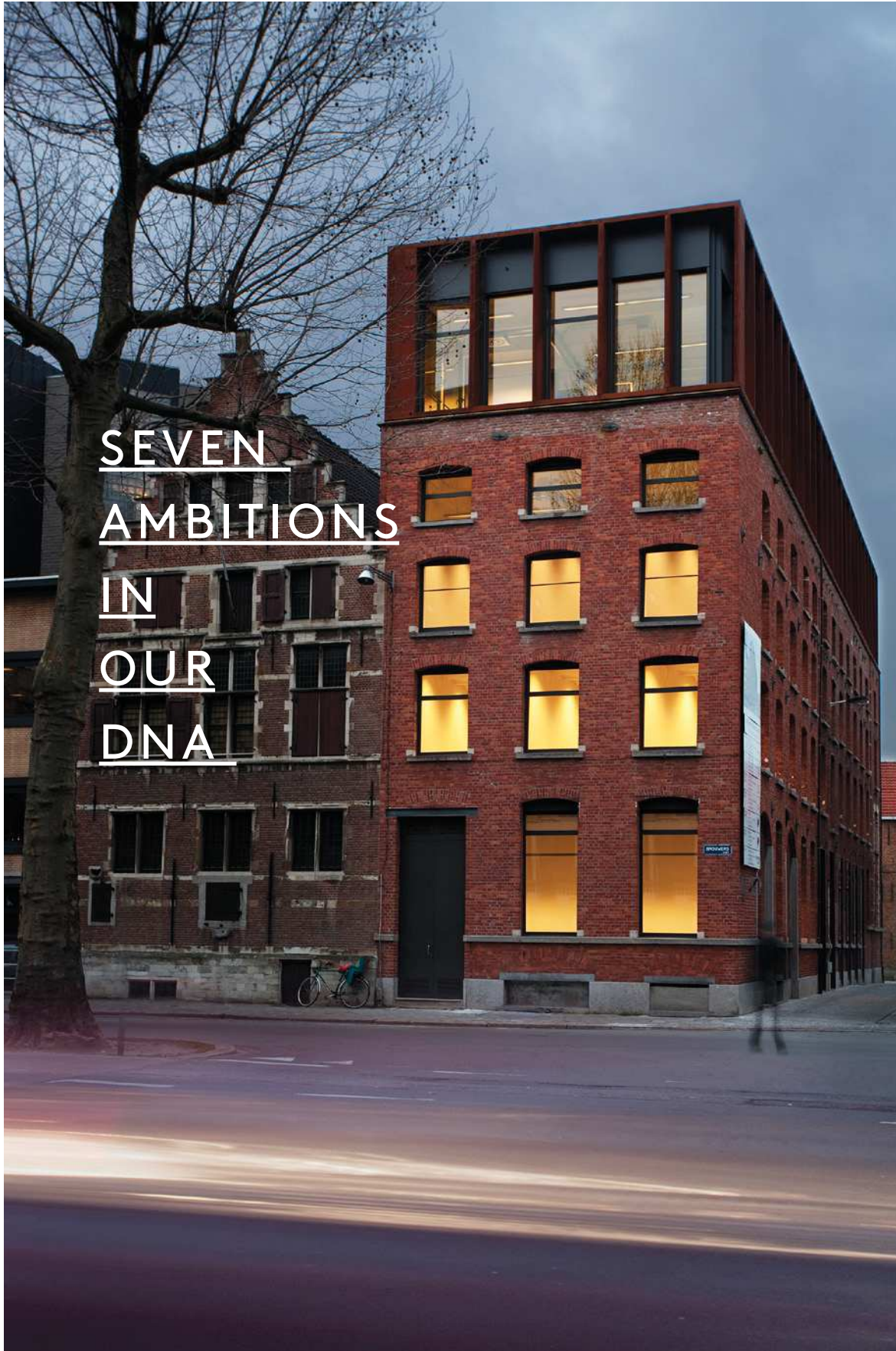
Reconversion of an old trainshelter into multifunctional park-building Spoor Noord, Antwerp

BRUSSELS AIRPORT

Restoration Skyhall 1958, Brussels

Stramien is an interdisciplinary design agency based in Antwerp (B) and focusing on ARCHITECTURE, URBAN DEVELOPMENT, SPATIAL PLANNING AND DESIGN OF PUBLIC SPACES. Integrating these disciplines strongly drives our agency, while we focus on sustainable construction and sustainable urban development.







COMPLEXITY AS A CHALLENGE

Projects are becoming more and more complex. Architecture and urban development is no longer limited to roads and buildings; people and the way they live together need to be taken into account as well. Just like mobility, energy use, safety, multimedia and generations. Because new living concepts, new functions, new technological possibilities are constantly developed. Creating room for these developments and giving them a chance is our ambition, our way of putting sustainability into practice.



APPRECIATION OF HERITAGE

Very often heritage tells a story of the generations before us, of the meaning they assigned to buildings and places. We want to appreciate, understand, study and complement these cultural, social and economic stories. With respect to the surroundings, we study the capacity and the use of renovating or expanding the existing patrimony. Conversion is always used as a tool for increasing future value without losing the history.



INTEGRATION IN EVERY DESIGN

Architecture and urban development are not clearly delineated. Both disciplines complement and reinforce one another. We will always translate and visualize a given programme in a creative way, and tell the story through our own eyes. This makes for a unique, integrated story with a personal signature, with a focus on architecture, interior, public spaces, urban design and spatial planning on a large or small scale.



MANAGING SCARCITY

Primary materials, energy and time are scarce, but nothing is scarcer than space. Therefore, we want to use the scarce space in an innovative and economical way. This increases the liveability of our society and preserves some space for future generations — the ultimate form of sustainability. For example, from the beginning of the project we will look at optimizing energy use.



FROM CONTEXT TO DETAIL

Designing is a process that takes place in a spatial context; reading the location is therefore the starting point for every project. We do not just follow this reading; we start a dialogue with it. Knowledge and a sense of the context provide starting points for the design. Then we look for the correct proportions, harmony, alternation of peace and quiet and the hustle and bustle of everyday life. This dynamic opens up a trajectory, a perspective allowing the user to better experience the space and have a richer feel of their surroundings.



STREAMLINING AMBITIONS

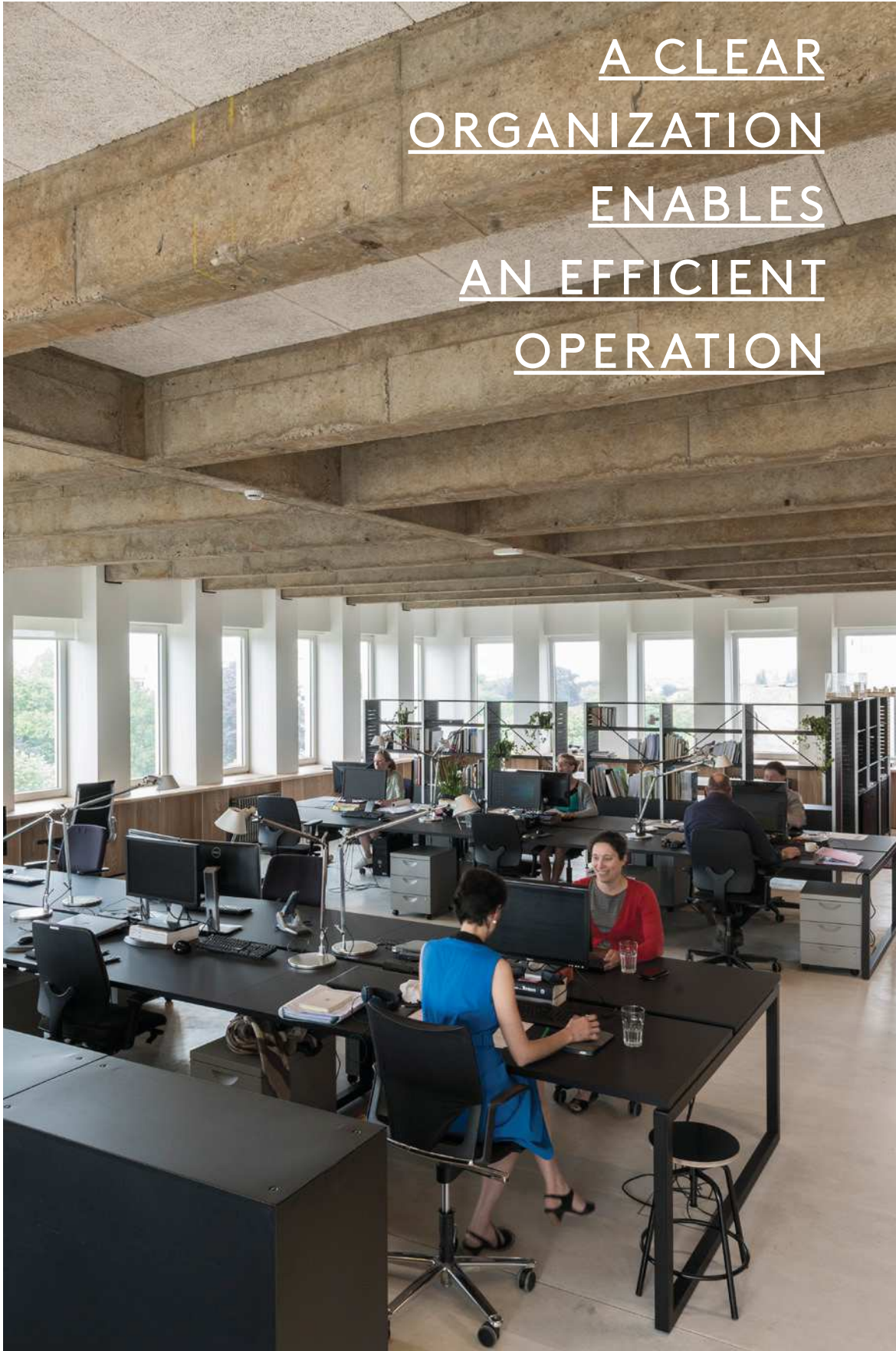
Building projects requires more than just drawing up plans. It also requires working together, listening, studying, convincing and inspiring. Stramien thinks and works in processes and considers it a team player in the complex reality of architecture and urban development. We want to contribute with inspiring concepts, feasible ideas and practical suggestions to the dynamic which is created before every project. The power of discussion forms the basis for long-term quality.

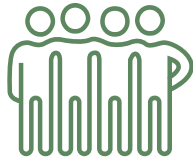


AN ACHIEVABLE FUTURE

Stramien strives to draw up designs that make people happy. We want to design buildings and spaces that sing. Our ambition originates in our great confidence in the future. After all, as designers we are faced with ever-changing challenges, but we believe in our capability of constantly providing new answers on various domains: sustainable construction, collective thinking, and solving mobility issues. Is this 'creative design' or 'art'?

A CLEAR
ORGANIZATION
ENABLES
AN EFFICIENT
OPERATION





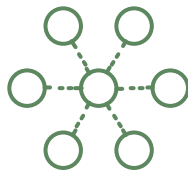
ONE TEAM, MANY COMPETENCES

Stramien works as one team. Over 30 people are ready to manage your project from A to Z, with maximal contributions from our specialists. Architects and urban developers work closely together supported by a large administrative department. Every project is seen as a whole, approached in a clear, practical manner and finished within the time limits set.



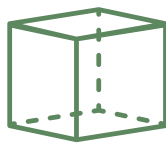
A NETWORK OF PROFESSIONALS

Stramien has built an extensive network of professional partners complementing our own knowledge and competences. With their input we can offer a professional approach to all aspects and elements parts of a project and meet the client's demands. This full-service approach guarantees quality and professionalism. Nowadays, construction and designing is not something you do by yourself.



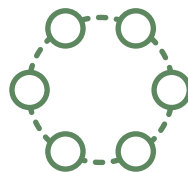
CONSULTATION IS KEY

Good communication is key for fruitful team work and mutual understanding. Therefore, we put a lot of work into discussion and consultation. We believe in the power of collaboration, not just with clients and users, but also with the other actors and departments involved. To us, this is the only way to generate sufficient support for a new project.



CLEAR APPROACH AND TRANSPARENT ORGANIZATION

Our experience taught us that transparent structures make work both pleasant and efficient. Stramien has one team that works on your project, from the first sketches until its completion. This guarantees coherent management, straightforward communication and clear trajectories. The team composition depends on the scale and the complexity of the project.



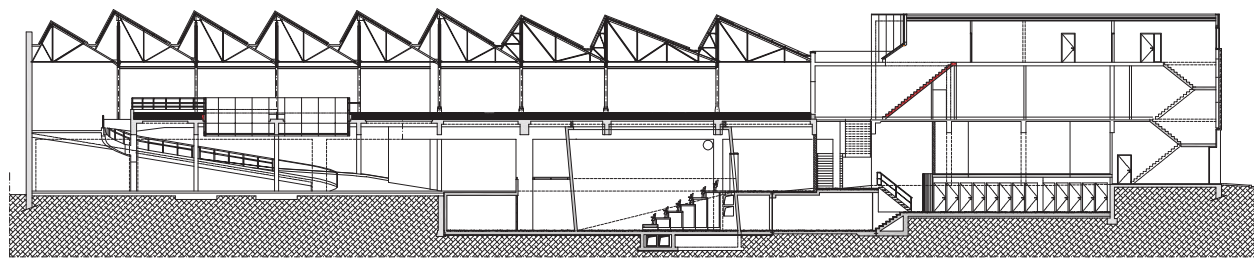
WORKING AS A CONSTRUCTION TEAM

The basic philosophy behind the concept of a 'construction team' is simple: construction is done by people, and people work better in a climate of confidence. That is why designer, client and general contractor are working together from the very beginning. Together they build the project, from its design to its completion. This is a sustainable approach which ensures high quality, low risks and the desired results while staying within the budget and following the time plan.

PERMEKE LIBRARY



CONVERSION AND RENOVATION OF A
FORMER GARAGE BUILDING INTO CENTRAL
LIBRARY FOR THE CITY OF ANTWERP



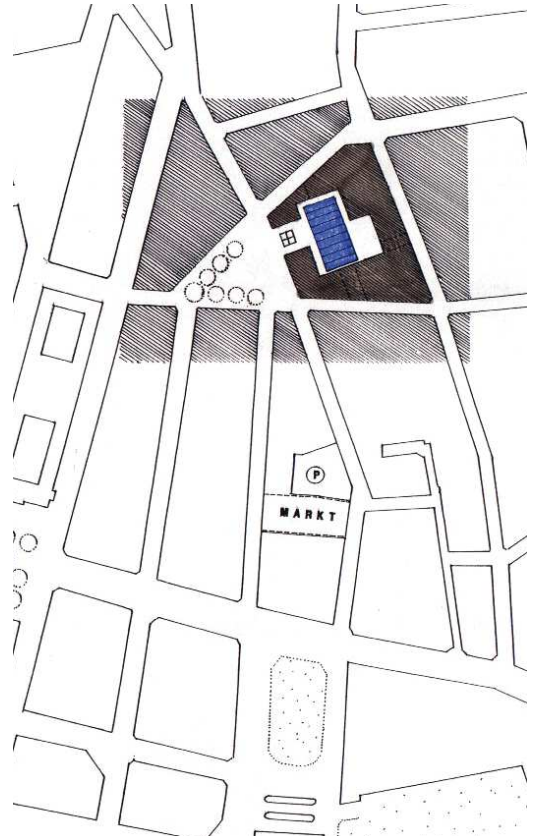
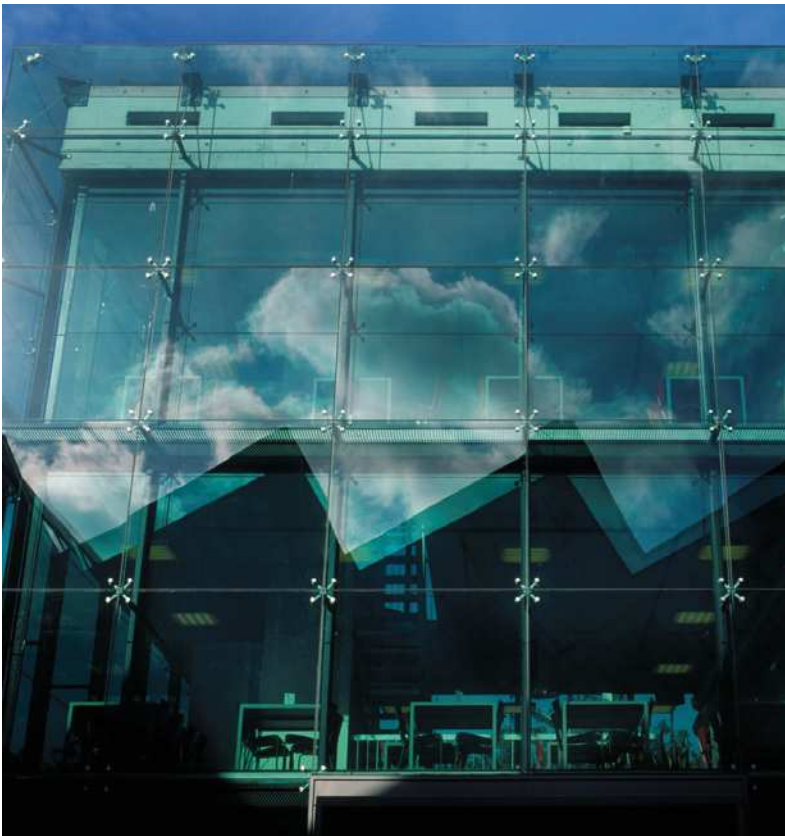
langsdoorsnede – NIEUWE TOESTAND



Alongside the De Coninckplein, the old ruined buildings of the former garage (1926) were demolished. Central focus point is a new glass cube housing a Grand Café. This 'box' is the new face of the project; a transparent and clear signal of the new function of this location. Two new courtyards — one in the front and one in the back — accentuate the project's transparent character. They provide extra light and nature in what used to be a closed building.

The old garage building (two layers) in the inner area was dismantled and converted into the new Central Library, with an open market concept on the ground floor. A red cube housing an auditorium serves as an articulation in the space. The saw tooth roof and its original support structure were completely restored. A new dome stretches across the square, which makes room for bookcases, or other uses of the space. New office buildings at the front and at the back of the building house a number of departments of the city of Antwerp





KENDALL



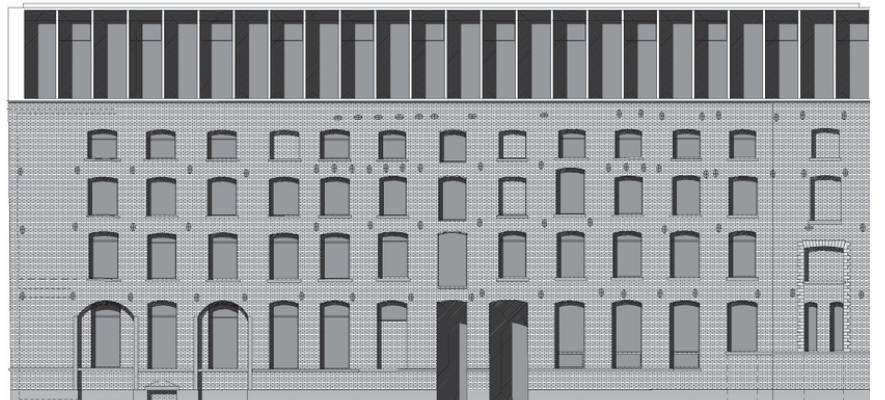
CONVERSION OF AN EXISTING WAREHOUSE
'KENDALL' TO A SUSTAINABLE OFFICE BUILDING



The basic concept is the introduction of a modern office building into an ancient warehouse-brewery that was abandoned for years, and trying to realise ambitions for sustainability that reach the level of a new building.

The concept includes removing one entire floor slab in order to guarantee sufficient natural light. A long core is implanted against the wall on every floor containing all fixed utilities. The entire surface remains open and can be used as a flexible office landscape. The existing roof is replaced with a new, transparent steel structure. Its rhythm and regularity refer to the rigid brick architecture of the old warehouse. The new roof is an extension of the old building, while still providing a stark contrast. Both parts form a new whole.

Climate control for the entire building is based on an energy-efficient concept using sun shading, night purge ventilation and natural free cooling. Extensive research showed that in renovations such as this one these sustainable interventions are possible and profitable, providing a useful contribution to the quality of the architecture and user comfort.



MULTIFUNCTIONAL SHELTER 'SPOOR NOORD'



CONVERSION OF AN INDUSTRIAL BUILDING,
A FORMER LOCOMOTIVE REPAIR FACILITY
INTO AN OPEN MULTIFUNCTIONAL SPACE



The new park 'Spoor Noord' was designed by Italian architects Secchi & Vigano. The old locomotive repair facility SPTM (Stelplaats Tractie Machines) was one of the remnants of the old NMBS terrain that had not yet been given a new function.

Stramiens' design resolutely chose to maintain the existing 19th-century facility; its extraordinary cast iron structure was completely restored. The walls at both shorter ends are completely opened up, immediately connecting the inside space with the rest of the park. Small perforations were also made in the two side walls, reinforcing the contact with the park and increasing the flexibility of the space. The structural changes were deliberately kept simple, in order not to be conspicuous.

10 mobile units form a new (and contemporary) element. These metal wagons placed on rails provide a flexible system to close off the space or divide it into different zones. The mobile units spontaneously refer to the railroad history of the space and its surroundings.

The open and flexible concept of this multifunctional space allow it to be used for various functions: from temporary slaughter facility for the Feast of the Sacrifice to lively bar during the warm summer months. Here, on this sheltered square which benefits from maximum daylight, various activities take place.



UNIVERSITY CAMPUS KdG



With this project, Karel de Grote Highschool(KdG) is creating a new City Campus for 6000 Students. The new campus consists of a series of various buildings, incorporating old factory structures at both sides of the building plot. The triangle-based 'city block' is organized around an open 'atrium', an urban open square that invites students to communicate and that allows to let light into all parts of the building.

The design of the facades is based on the use of different patterns for external facades and the inner facades of the central square.

The campus has a Bream "excellent" label for construction and sustainability



