NATURE LOVING

Architects and Urbanists

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In harmony
with nature

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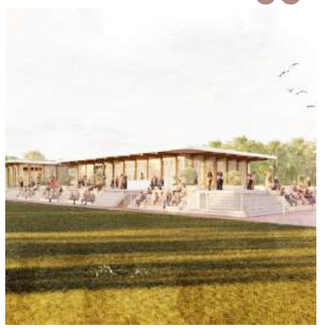

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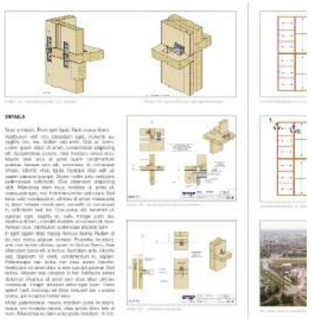

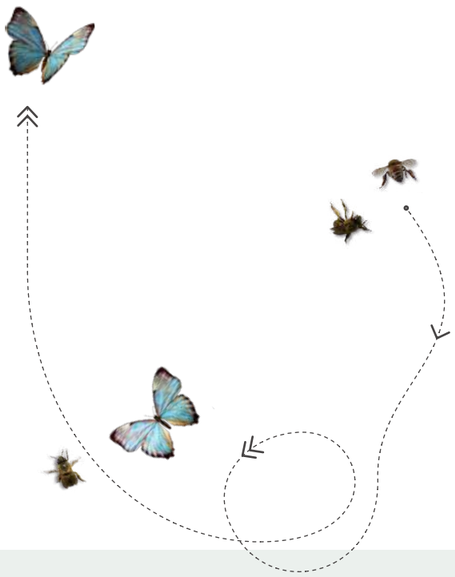

NATURE INCLUSIVE BUILDINGS

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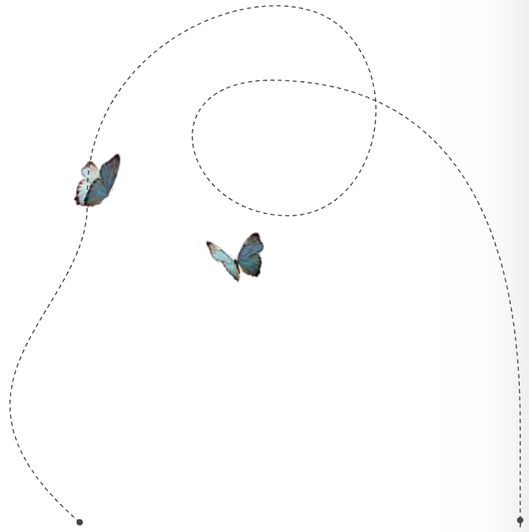
Who we are

urban climate architects



URBAN CLIMATE ARCHITECTS – Our vision

At Urban Climate Architects, we envision a future where everyone can live, learn, work, and play in a healthy and safe environment. We strive to create spaces where people of all ages, background s, and means can thrive, fostering quality of life for all.

Urban in a responsible way

We approach urbanization with responsibility and care, aiming to enhance city living while minimizing the impact on nature. Our goal is to intensify urban spaces in a way that preserves natural ecosystems and creates opportunities within existing city limits. Our commitment to a circular and inclusive society extends beyond materials and products to our core belief in creating equitable.

Climate must be recognized

We acknowledge the climate as a powerful force that demands respect and understanding. Our approach to sustainability involves generating energy locally whenever possible and favoring natural biomass materials over concrete and steel to reduce environmental impact. Wood, for example, is a renewable resource that effectively stores carbon dioxide and can be easily repurposed. It is lightweight, quick to assemble, and a key component in our sustainable design strategy.

Architects eye for detail

Quality in design is our foundation, transcending fleeting trends to offer timeless value. We focus on creating tranquility and stability through our designs, emphasizing high-quality products that ensure longevity. Our attention to human scale, proportions, and detail fosters a form of sustainability that goes beyond metrics, engaging the senses and enhancing the overall experience of the built environment. From the tactile sensation of wooden walls to the soothing sounds of nature, we strive to make every project a harmonious blend of form and function.

Our mission aligns with the Global Goals

Our mission is to deliver high-quality spatial solutions for each of the residents and users.Public or private buildings that adapt to future needs and contribute to a better life and experience. We believe in long-term investments where quality,equality, and sustainability are key measurements of success.

We design in accordance with the principles of the Sustainable Development Goals, focusing on 10 out of the 17 global goals, both in new projects and in the renovation of existing ones.In our projects, we merge environmental goals with business ambitions.

In line with European ambitions, we aim to reduce greenhouse gas emissions by 2/3 by 2030.

We stick to our goals even as market conditions change. We offer expertise in environmentally conscious design, focusing on the use of materials of natural origin.

We design in accordance with the principles of Paris Proof - the Paris Agreement on greenhouse gas emissions reduction - focusing particularly on:

- We reduce greenhouse gas emissions through designing in timber systems and implementing low or zero-impact environmental technologies.
- We enhance the energy efficiency of buildings through low U-value insulation, energy-efficient lighting systems, and reducing energy demand.
- We design in line with sustainable development goals, taking into account the needs of each user. We respect the natural environment by protecting and preserving elements of nature.
- We create friendly conditions for local fauna and flora, with particular consideration for birds and insects. Our buildings always respond to climate changes in the surroundings.
- We ensure the best indoor conditions through passive or active cooling and heating systems. We improve quality of life for residents by supporting their health, comfort, and well-being.

BREEAM®
OUTSTANDING

We think about the future and implement modern technological solutions, designing in accordance with BREEAM requirements.

In 2023, as part of the Urban Woods project in Delft, we achieved an Outstanding rating in the residential buildings category.

See our new biobased projects in progress.

Wood is a natural choice for sustainable development. We prioritise renewable materials of natural origin, therefore we most often choose wood as the main structural element.

BIOBASED

IN WOOD,
WE'RE GOOD.

The use of wood as a construction material is our speciality.

What are its advantages?

- **CO_2 storage**

  Wood has the unique ability to effectively store CO_2, resulting in buildings designed with this technology having low greenhouse gas emissions. 1 m3 of structural wood yields approximately 767 kg of CO_2 during the growth phase.

- **Responsible sourcing of materials**

  We deliver top-quality wood from verified sources that prioritise renewability and sustainable use of natural resources. Our biologically sourced insulation materials are obtained through the European Building Balance program, supporting local producers and farmers.

- **Versatility and flexibility in processing**

  Wood is characterised by a low embodied energy index, meaning that its production and processing require less energy compared to other building materials such as steel or concrete.

- **Financial benefits associated with life cycle costs**

  The use of wood as a building material reduces costs and allows for the reuse of structural elements in another project. At the end of its service life, wood can be recycled without harm to the environment or used for energy production, which can bring financial benefits.

- **Speed and ease of assembly**

  Partially prefabricated structural elements delivered to the construction site accelerate the construction timeline and reduce the need for labor. Dry assembly minimises construction errors on-site and ensures optimal material utilisation.

- **Reduction of urban heat island effect**

  Buildings made of wood absorb less heat, which reduces the urban heat island effect. When combined with greenery on roofs and in the surroundings, they lower surface temperatures by several degrees.

01.The Urban Woods Delft

Location: Delft, Netherlands
Program: Residential building with commercial space on the ground floor
Area: 7500 m²
Architects: Urban Climate Architects
Contractor: UCA Construction Team
Status: under construction
Budget: 10 million euros

The Urban Woods is an ambitious undertaking in residential architecture, encompassing Europe's first 10-story building made entirely of wood construction. This innovative project was developed in collaboration with numerous specialists and industry professionals dedicated to achieving the highest standards of sustainable architecture.

The building's key values include the utilization of materials of natural origin, consideration of energy and ecological parameters, support for biodiversity, and social education on eco-friendly construction.

In the Urban Woods project, a wide range of advanced technological solutions has been implemented. These include rainwater collection and storage, greywater reuse, installation of photovoltaic panels on the roof for energy production, use of heat pumps for heating and cooling, energy-efficient appliances in apartments, and the use of high-quality thermal insulation.

Thanks to such a comprehensive technological infrastructure, the building has become an efficient system that harmonizes with the architecture. Additionally, the residential complex will operate as an energy-neutral unit, and residents will receive real-time information about their energy consumption and its environmental impact through the "Urban Woods" application.

Energy Neutral

The designed building is energy self-sufficient due to the use of solar panels and a system for recovering heat from water and air. Intelligent sensors regulate temperature and air exchange, while effective insulation and energy-efficient appliances complement this infrastructure comprehensively. During the lifetime, the average energy usage targets are as follows: BENG 1: 66 kWh/m², BENG 2: 17 kWh/m², BENG 3: ≥80%. We aim for 100% design efficiency, but confirmation is pending until the building has been in use for one year.

Rainwater Utilisation

A significant amount of rainwater is collected and stored using retention layers on the green roof. The harvested water can be reused for plant irrigation and toilet flushing in apartments, which represents efficient water resource utilisation.Currently, we are reducing water usage by 20% to the average household. Our 2030 ambition is to achieve a reduction of 30%.

Ground Source Heat Pump

The ground source heat pump ensures stable temperatures throughout the year, operating independently of external weather conditions. In reverse mode, it also serves to cool spaces in warmer months, eliminating the need for air conditioning in buildings. This ensures effective temperature regulation and thermal comfort.

The Urban Woods emerge from a collaboration of fauna experts, tech wizards, bio architects, behavioral scientists, and creatives. Our biobased buildings transcend mere structures; they cultivate sustainable habits, harmonize with birdsong, and foster social cohesion. Together, we forge a new vision for urban living. Sharing knowledge is paramount to us. That's why, as part of our 2030 ambitions, we aim to create a publicly accessible knowledge base, consolidating all our expertise and experience. We aspire to inspire and co-create a new reality with others.

> **"Sharing is reaching a new level. Both in energy usage and knowledge."**

Certifications

We maintain the highest standards.The Urban Woods is ISO 9001 and ISO 14001 certified.ISO 14001 covers the environmental performance both within the organization and throughout the chain.

MPG

MPG-calculation is made by an independent consultant after the VO, DO, TO, and UO design stages. With this, we ensure our targets stay on track throughout each of the design stages. After each completed project we will analyze improvements to be made and determine the baseline for the next project.

Criteria BREAAM outstanding mat 5

MAT 5 is the BREEAM-NL credit for the substantiated origin of materials. We make sure at least 80% of the materials used in each of the main components have a substantiated/responsible origin.

Good wood

We partner with certified wood contractors at the project's outset to optimize the use of Cross Laminated Timber (CLT). Our MPG and BREAAM goals prioritize circular material usage, including CLT. We're FSC-certified, ensuring our wood or bamboo composite is TPAC-approved, with Chain of Custody Certification for responsible production, supply, and processing. Our wood is meticulously tracked from manufacturing to distribution.

Avoid waste

We prevent creating waste during construction. The use of prefab elements reduces waste significantly. With the digital replica of the buildings (BIM), we simulate and optimize. Fewer errors, less waste, easier reuse, and more efficient maintenance when the building is in use. Because each part has a digital twin, the maintenance team will never come unnecessarily and always with the correct parts.

Renewable materials (volume based)

Our current level - 50% (Delft) and 70% (HQ) of all materials we use for the casco building are materials that grow back. We are very proud of this, it's a frontrunner percentage.Our ambition for 2035 is to achieve the use of 80% renewable materials.

Reuse after building lifespan

Our current level - 85% of the building can be reused after its lifespan. If necessary, the building structure can be dismantled, and its components can be reused in the construction of another project. Elements that are not suitable for reuse can be processed into wood chips or pellets. These materials can then be used as bio-fuel or as material for the production of particleboard and fiberboard.

> **"Tallest building in The Netherlands with no concrete core."**

Vegetation with a purpose

We go for research-based vegetation. For each location of The Urban Woods, flora and fauna experts conduct research and set a target. Based on this, we draw up a strategy to strengthen the presence of local flora and fauna, so that the building contributes to them. Roofs, gardens, and balconies are green havens, to increase biodiversity, reduce heat stress and make people happy.

Buildings as a bird restaurants

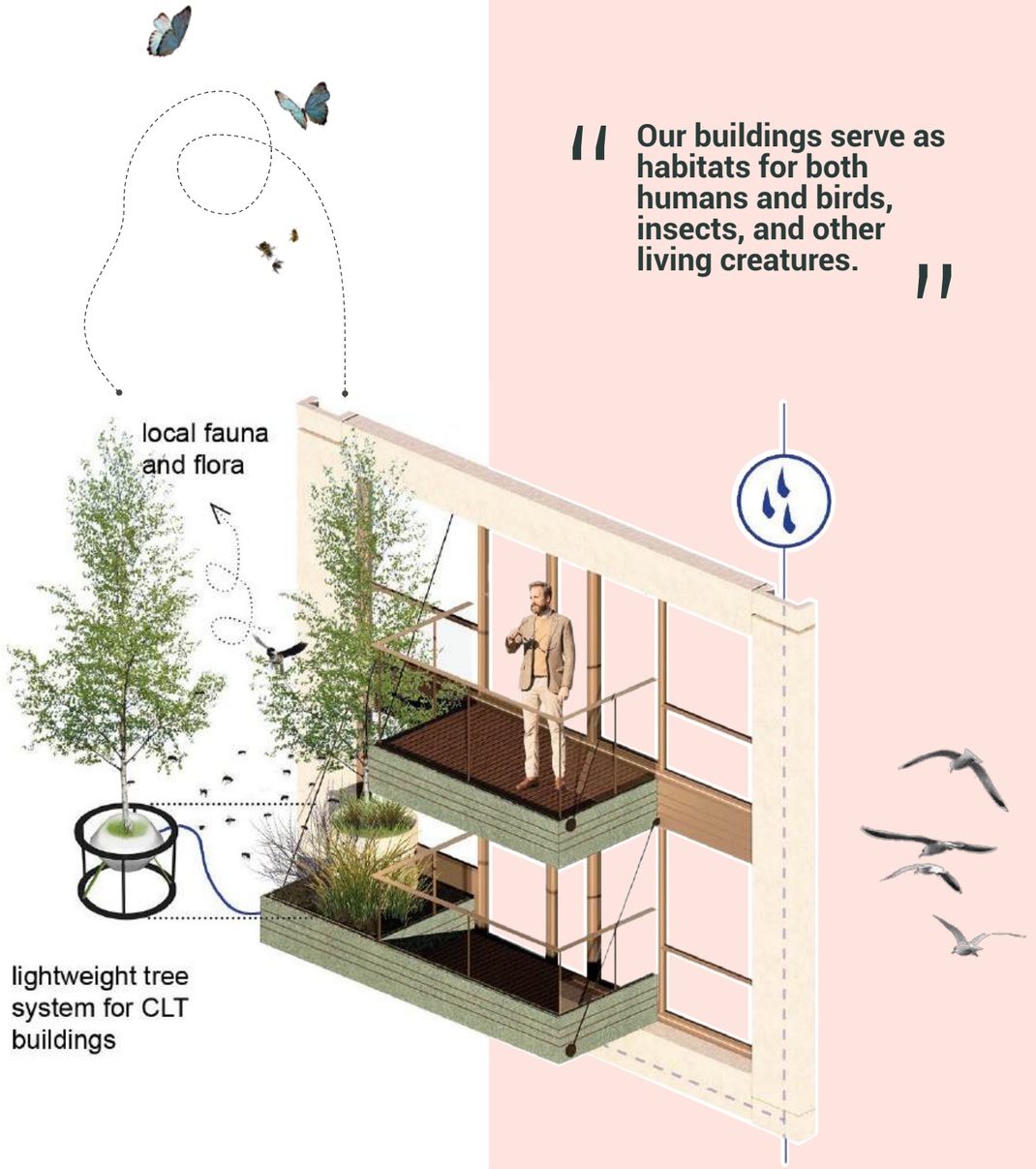
We innovate for impact. Each tower integrates 'Vogelspotten' tree pots made of bio-based material. These pots feature recesses for bird nests and insects, creating mini restaurants and breeding grounds on balconies. Birdhouses are strategically placed based on each species' preferences, considering factors like orientation, sunlight, height, and more.

Gardens that connect

Neighbours unite for biodiversity. The Urban Woods provide an education program encouraging residents to plant in alignment with our vision, expanding parks and enhancing city biodiversity.

Inspirational education

The Urban Woods provide an education and awareness program for residents and neighbours to promote local biodiversity. Together, we can achieve more. The program includes a menu card with inspirational recipes for humans and local animals, educating about plants that support biodiversity. Residents are encouraged to plant these species in their gardens to create a nutrient chain reaction for local flora and fauna. Educational materials are distributed digitally and physically throughout the neighbourhood.



"Our buildings serve as habitats for both humans and birds, insects, and other living creatures."

02.Knoest

Location: Pijnacker, Netherlands
Program: Residential building
Area: 3225 m²
Architects: Urban Climate Architects
Contractor: Revolve Development
Status: 2022-2024
Budget: 6,5 million euros

Knoest is a new residential neighborhood in Pijnacker, developed by JansenDeJong, Revolve Development where a wide range of housing types will be realized in a natural setting.

The area forms the transition between an urban area with ground-level housing and the surrounding landscape, whereby the residential buildings will be situated in a green wedge. Biodiversity is of paramount importance. Approximately 40% of the area will consist of greenery and water.

We designed the final piece of the district. The shape and appearance of the new residential building is in keeping with the green and landscape setting. The building is designed as an open and inviting pavilion, where the staggered spacious outdoor spaces provide an open appearance to the environment.

The facade will be executed in natural materials, as a contrast to the predominantly brick architecture in the other buildings. The plinth connects to the landscape by incorporating greenery and also providing housing for flora and fauna in the area, such as nesting boxes, bee hotels and a local planting against the facades.

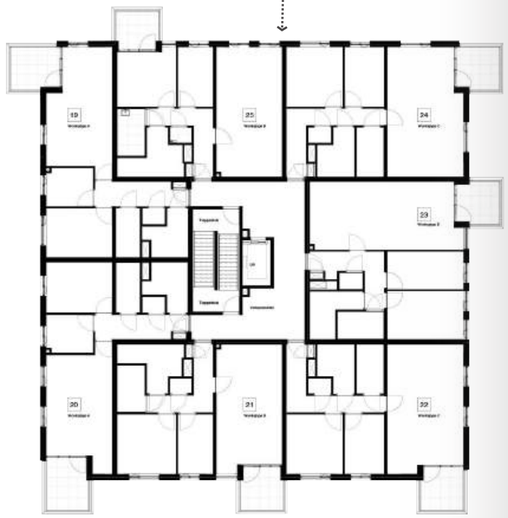
The five-story building has an all-wood CLT structure which remains largely in view so you can experience the positive and healthy look of the wood in the apartments as well.

The building will house 29 apartments, with a diverse range of homes between 65m² and 110m².

WOOD IS MORE THAN SUSTAINABLE.

- **CO_2 storage instead of emissions.** In the wood of Knoest, a whopping 764 tons of CO_2 is stored. That is equivalent to the emissions from the electricity consumption of around 850 households annually.
- Safer than regular concrete construction, as it meets higher fire safety requirements than traditional buildings.
- BY USING WOOD, A NATURAL LIVING CLIMATE IS CREATED, REDUCING STRESS LEVELS, LOWERING HEART RATE, CALMING CHILDREN, AND IMPROVING CONCENTRATION.
- **Healthier living environment.** Wood construction provides a good balance in humidity and fresh air, resulting in a better living environment.
- Wood has sound-absorbing properties, producing much less reverberation than in a concrete or steel structure.

Load-bearing walls in CLT construction.

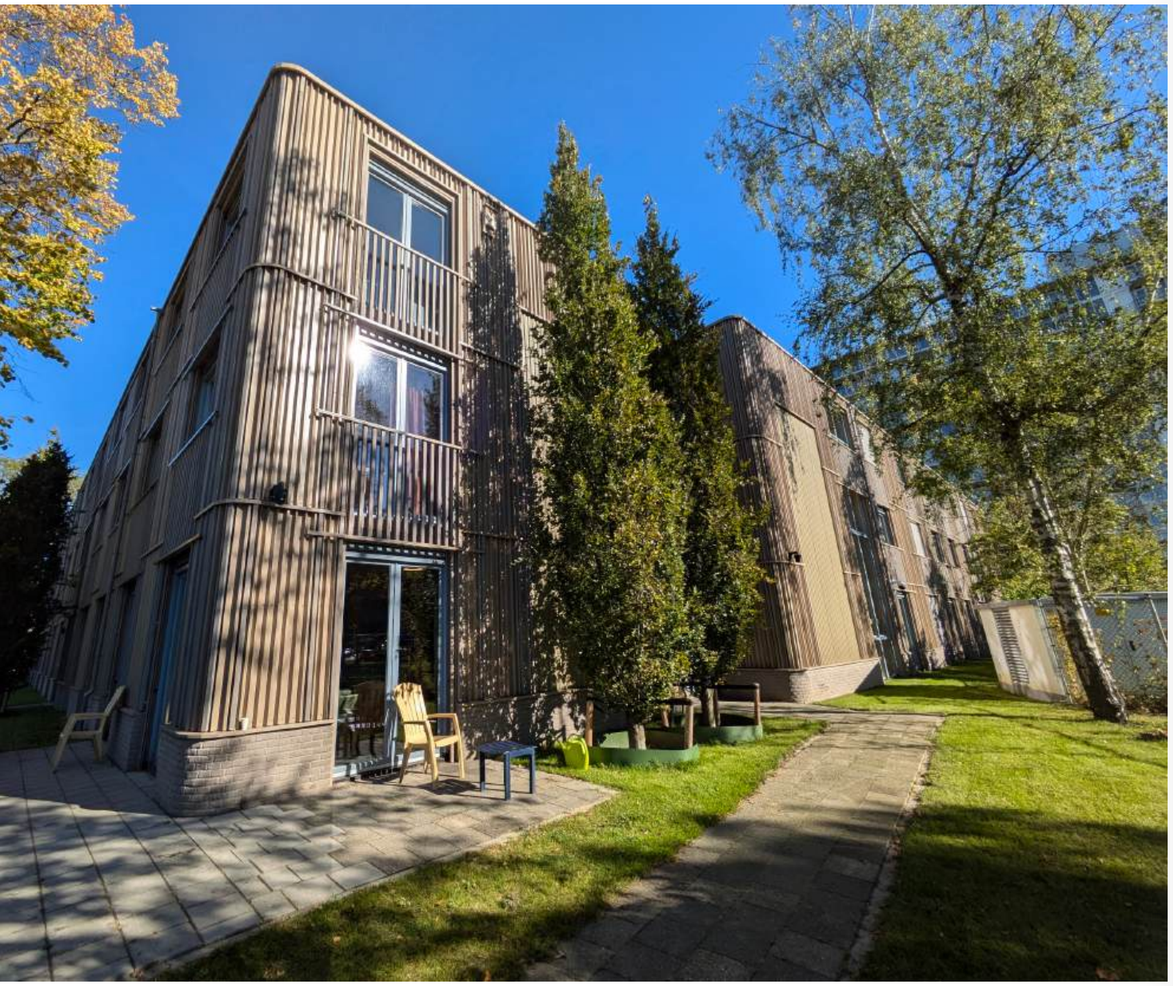


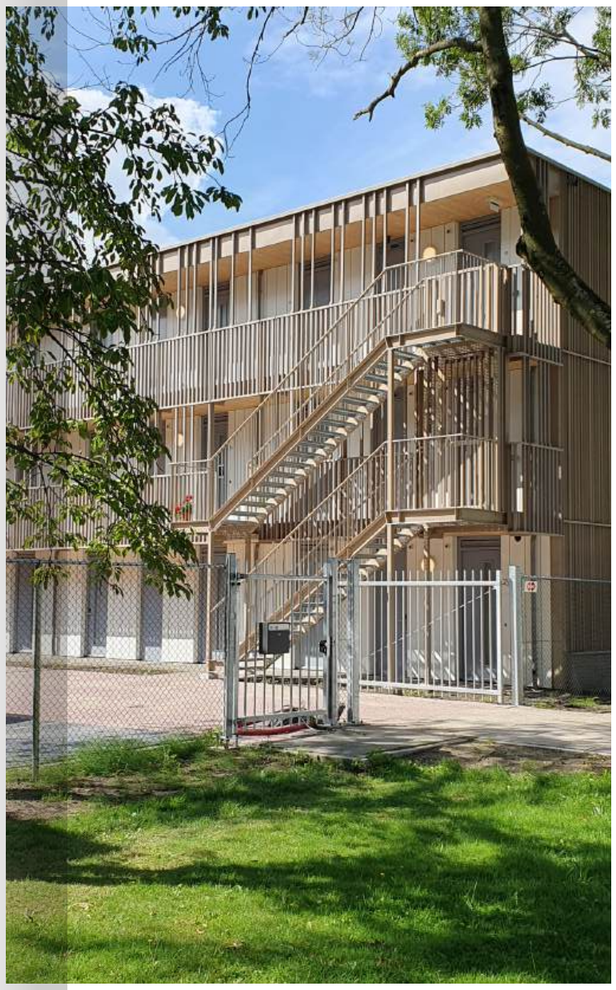
- **Natural insulation.** In winter, wood retains heat better, while in summer, it keeps it outside longer.
- Circular wood has a long lifespan and is reusable. Nothing is ever wasted.
- **Financially favorable**. With an A+++ energy label, monthly recurring energy costs remain low. Moreover, a so-called 'green mortgage' is much more attractive than a regular mortgage.
- NEW! YOU LIVE WITH THE CERTAINTY THAT YOUR HOME MEETS THE MOST RECENT SAFETY AND SUSTAINABILITY REQUIREMENTS.
- **Set an example.** Leading by example inspires others. Create more awareness in your own social environment.

Examples of apartment layouts.

03.Care Housing Salvation Army

Location: Rotterdam, Netherlands
Program: Nursing and medical care facility
Area: 2400 m²
Architects: Urban Climate Architects
Contractor: VIOS Vastgoed
Status: 2023 - completed
Budget: 4,2 million euros





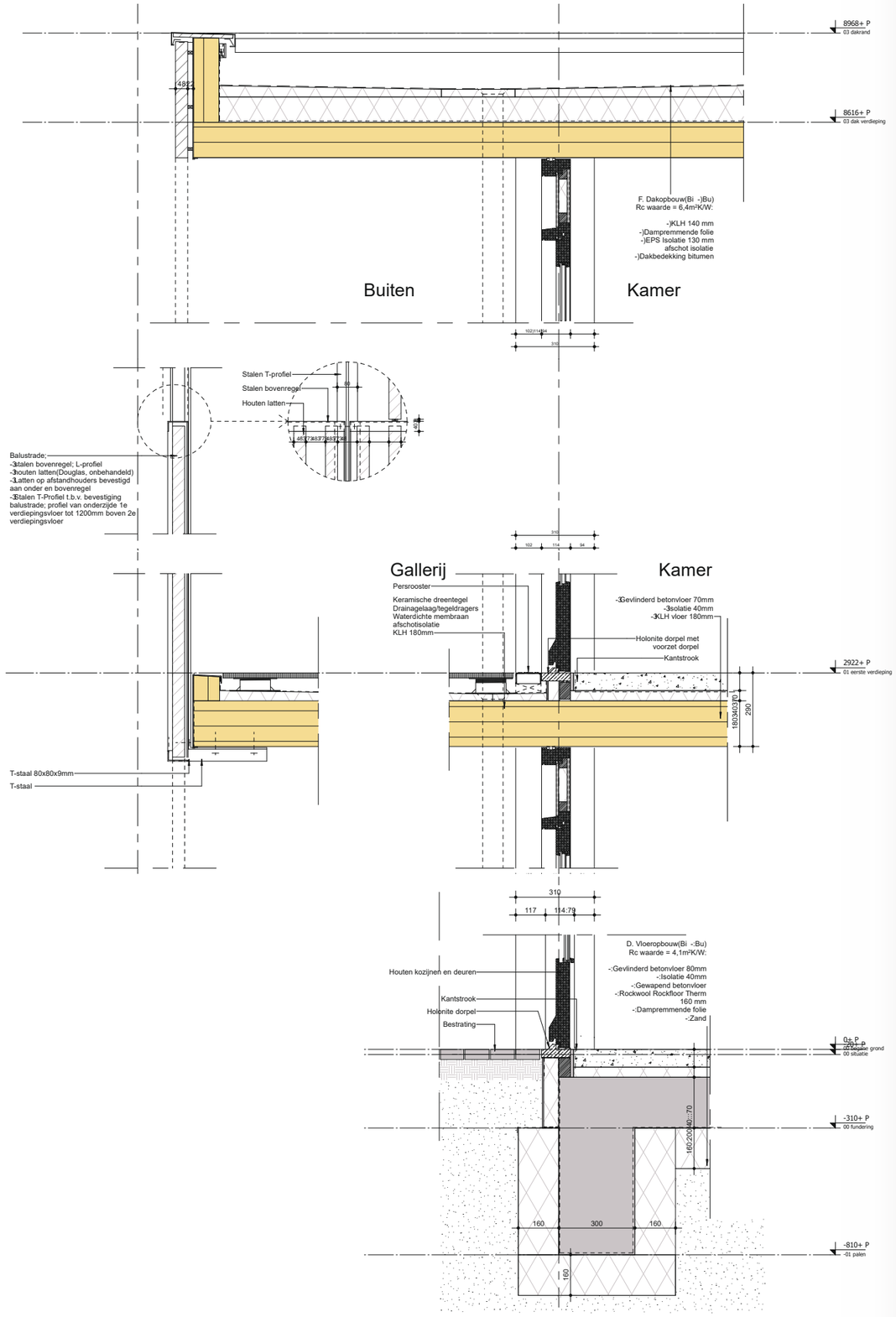
80% materials of biological origin and materials with closed-loop cycle

> **"By designing based on the properties of wood, we ensure better quality of space while maintaining the same construction costs."**

In 2023, a nursing and medical care facility in CLT wood construction, designed by our team, was completed in the heart of Rotterdam. The facility provides accommodation for 50 residents, along with spaces for day care and office areas for staff.

In this energy-efficient building, 85% of its own energy consumption is generated by photovoltaic panels installed on the roof. The building supports local biodiversity, with undeveloped areas filled with swales and wild, local vegetation.

The project aligns perfectly with the ambitions of sustainable construction, achieving the highest material standards available in the industry. The use of wood, both on the facade and in the interiors as a finishing material, has helped reduce construction costs and contributed to better air quality.



The use of partial prefabrication, in the form of structural elements, partition walls, and bathrooms, allowed for a faster and more efficient assembly process. As a result, this contributed to lowering the overall investment costs.

> In our projects, CLT elements meet all criteria for passive construction. They have a fire resistance class of REI 30-120 and increase the thermal mass of the building.

Thanks to the use of CLT glued wood construction, the building in Rotterdam creates a unique microclimate indoors, providing users with healthy and clean air. Additionally, the building is highly energy efficient. The cross-laminated timber structure eliminates thermal bridges, which is crucial for achieving high thermal comfort.

04.Noordeinde Kampveld

Location: Delft, Netherlands
Program: Housing, officies and inner courtyard
Area: 2540 m² working space, 1792 m² living space
Architects: Urban Climate Architects
Status: 2022 - Preliminary Design

Vibrant Completed Street

With our project, we aim to complete the street. We intend to achieve this by complementing the Kampveld with residences and adding a semi-public garden. "The street gets space to thrive."

Balanced Living-Working Environment

We aspire to create a mixed street where living and working are in good balance. We achieve this by adding residences and transforming existing offices into apartments.

Garden as the Heart of the Plan Area

The heart of the plan is formed by the semi-public garden. This garden promotes biodiversity in the area and contributes to the city's resilience.
The garden creates a high-quality green space for the downtown area of Delft. A space for meeting, recreation, and enjoying nature and tranquility amidst the bustling city.

Courtyard

The communal courtyard forms the heart of the planned area and the community. A passage will be created between the adjacent courtyard of Renaud and this development, creating a large green oasis in the city.
It's a place for interaction and meeting. There's space for picnics, enjoying the greenery, and playing in the garden. Research will be conducted to determine how we can respond to the current flora and fauna of the area and strengthen the current urban biotope at this location.

Flora and fauna

The historic garden with monumental trees will be preserved and opened to the public. The current vegetation in the garden will be retained as much as possible and improved where necessary, and a landscape architect will be consulted to explore the possibilities.

New construction

New homes will complete the street and create a lively environment.
The semi-public garden provides residents with a communal backyard for recreation and socialising. In addition, these homes also have a private backyard.
The owner is open to selling individual plots with these homes.The residential concept for the new construction section is based on demand. In a Tetris-like manner, together with the residents, we will assess the desired needs and living arrangements.
To ensure the quality of the homes and the ensemble, rules have been established. This results in homes for all ages, ranging from 40m2 to 180m2, seamlessly aligned with the demand at this location. The owner is open to selling individual plots with these homes.

Renovation of existing building

The existing offices on Kampveld will be transformed into apartments. Additionally, the building will be extended by adding one floor. The semi-public garden provides residents with a shared backyard for recreation and socializing. The transformation is subject to approval, focusing on the spatial aspects of the extension.

05.Office NIJBURG Industry Group

Location: Sappemeer, Netherlands
Program: Offices
Area: 3 845 m²
Architects: Urban Climate Architects
Status: 2023 - Preliminary Design

For a large company that manufactures air handling systems, we have been asked to design their new office building. The plan is to merge the current three office buildings at different locations into one future-proof office building.

The concept of the plan is to serve as a crossroads between all business sectors and the adjacent assembly hall. The spacious hall with meeting and lounge areas is intended to encourage collaboration between different teams on the work floor. This space is also a showcase for the company's products and provides a glimpse into the adjacent factory hall.

The preliminary design is currently under review by the clients. Although the project is still in its early stages, the principles of CLT construction have been used as a guide for the structure of the design. The construction allows for flexible interior layout, accommodating both open-plan offices and individual office spaces.

> **Designing with wood, we adhere to the principles of future-proofing.We adapt to the rapidly changing needs of users.**

Climate adaptation

In addition to building with a biobased construction, the ambition is to respond to the various challenges posed by climate change, such as extreme heat and heavier rainfall, through the design.

By incorporating greenery, both heat stress and large amounts of rainfall can be mitigated by the building.

The immediate area around the building will be landscaped with greenery, enhancing both the appearance and the view from the offices.

the second option of office layout

A green roof can be installed on top of the building, with space for solar panels and possibly a rooftop terrace.

The wooden structure will be wrapped with a glass curtain wall, surrounded by a cantilevered facade of open, semi-open, and closed wooden panels. Daylight and privacy can be adjusted according to the adjacent office space.

Construction concept : modular system

The building is designed according to a modular grid of 6x4 meters. This allows for future expansion of the building, such as extending the ground floor or further developing the 3rd floor. It also means that the offices can be flexibly configured, allowing for various layouts.

06.Molslaan

Location: Delft, Netherlands
Program: Housing
Area: 570 m²
Architects: Urban Climate Architects
Status: 2021 - completed
Budget: 1,1 million euros

How to shape a circular development? We frequently incorporate circular elements in our projects but aim to showcase how to make a development entirely circular with a sample project.

In 2016, the former school building De Molshoop in Delft became available for purchase. This presented a great opportunity to initiate a transformation in the historic center of Delft. The firm acquired the property with the intention of developing it into 14 apartments for young professionals and Ph.D. students, adopting a circular approach.

In collaboration with Muzus from Delft, research was conducted to understand the requirements of this target demographic regarding their living environment. Through interviews, a picture was painted of their daily routines and expectations from a dwelling. Surprisingly, sustainability wasn't a top concern for most interviewees unless it was convenient or financially beneficial. Additionally, offering extra amenities was highly valued for stress reduction.

Based on the findings of the needs assessment, a transition was made to a circular model. While the rent price formed the basis, other elements were added, such as flexible subscriptions tailored to individual needs. Tenants pay for their consumption of electricity, water, and waste, translated into a CO2 footprint. What's intriguing is the opportunity to offset CO2 emissions by growing vegetables using the Urban Cultivators provided in every kitchen or by opting for cycling over driving. This allows tenants to influence their expenses. A Blockchain system organizes various contracts and subscriptions.

Architecturally, the design aimed for circularity at different levels. It maximized the use of the existing structure, reusing wooden roof beams and tiles. Urban Mining was employed to salvage the existing concrete floors and wooden facades for future projects. New materials were sourced sustainably and designed for easy disassembly without using adhesives. For instance, Airtight, a compressed stone wool, replaced PUR for airtight sealing between wooden facades and aluminum frames.

The existing structure was optimally insulated and detailed for airtightness. The double facade acted as a climate buffer, facilitating a natural transition between indoors and outdoors. Heating and hot water were all-electric, with minimal energy required thanks to heat recovery at various levels (ventilation, heating, shower), generated on the building's roof.

Greenery contributed to a pleasant indoor climate. The double facade absorbed particulate matter and provided cooling. Moss walls in common areas and clay plaster in apartments regulated moisture in the building.

Remarkably, most of these measures could be realized through clever design, sustainable choices, or coupling measures to add value and pay for themselves (e.g., the second skin as a climate buffer, moisture regulator, and outdoor space). Consequently, the project could be implemented at a cost level easily recouped through normal rent rates, while significantly enhancing the living environment.

07.Centrum Island

Location: Amsterdam, Netherlands
Program: 23 apartments and 2 commercial spaces
Area: 2.926 m²
Architects: Urban Climate Architects / MAATWorks
Status: 2024 - Preliminary Design

We proudly present to Urban Climate Architects one of our most sustainable and innovative projects: Center Island at Wood. This special project, resulting from the won tender for lot 05-13, embodies our vision of forward-looking architecture that focuses on sustainability and creativity.

A Collaboration That Inspires

Lidewij Lenders from MaatWorks has engaged Urban Climate Architects to jointly build a groundbreaking, future-proof building, consisting entirely of CLT (CrossLaminated Timber). With a strong focus on sustainability, we create a healthy, modern living environment that focuses on people and nature.

Building in Wood: Sustainable and Aesthetic

The use of wood as the main building material plays a key role in this project. In addition to reducing CO_2 emissions, wood offers a warm and natural appearance that perfectly reflects the innovative character of Centrum Island.
Design features:

- Wooden support structure: The heart of the building consists entirely of wood, a sustainable and renewable material.
- Recycled hardwood facades: These are combined with other circular and biobased materials for a robust but environmentally friendly appearance.
- Biobased insulation: The insulation is made of natural materials, which ensures a healthy indoor climate and minimal environmental impact.

A Vision for the Future

Centrum Island in Wood is more than an architectural masterpiece; it is a step towards a sustainable future. This project shows how innovative construction techniques and materials can contribute to a better living environment for people and the environment.

With this design, we show how architecture can not only meet today's requirements, but also have a positive impact on future generations.
Want to know more about this project and our other sustainable designs? Visit our website and find out how we're building a greener world.

08.Circular Raw Materials Collection Station

Location: Lansingerland, Netherlands
Program: office and multifunctional space
Area: 425 m²
Architects: Urban Climate Architects
Status: 2025 - Preliminary Design

Circular design for the Lansingerland Raw Materials Collection Station

With our project, we aim to complete the strUrban Climate Architects, in collaboration with the Municipality of Lansingerland, has created a groundbreaking design for the Raw Materials Collection Station in Bergschenhoek. This innovative building puts the circular economy into practice, with a focus on biobased construction, timber construction and CLT (Cross-Laminated Timber). The result? A low-carbon, nature-inclusive building that not only meets the Paris Proof requirements, but also shows how circular principles shape the future of architecture.

Timber Construction and CLT: Sustainable Construction Techniques

The main building is made entirely of solid wood, with CLT floors that form the basis for the flexibility and strength of the structure. This innovative material reduces CO2 emissions during construction, and by opting for timber construction, the ecological impact is significantly reduced. The building actively contributes to a low-carbon future, where sustainability is not just a choice, but the norm.

Biobased construction and recycled materials

The design makes intensive use of biobased materials and recycled raw materials. The facades are covered with locally collected paving stones, which not only promote the circular economy, but also contribute to the social and environmental sustainability of the project. Every detail of the building is focused on maximizing reuse, closing material flows and minimizing waste.

Low-carbon and nature-inclusive design

This building is not only sustainable in terms of materials, but also in its impact on the environment. The design is nature-inclusive, minimizing the ecological footprint while promoting biodiversity. It meets the requirements of Paris Proof designs, thereby contributing to achieving global climate goals by limiting CO2 emissions.

With the Raw Materials Collection Station, the Municipality of Lansingerland shows that circular construction is not just a vision, but an active step towards a sustainable and circular future.

09. Ringpass Delft hockey Club complex

Location: Delft, Netherlands
Program: Clubhouse hockey and after school care
Area: 1.270 m²
Architects: Urban Climate Architects
Status: 2025 - Preliminary Design

At Urban Climate Architects, we are honored to contribute to the design of the new Ringpass Delft hockey club complex. Collaborating with Fokkema & Partners on the interior and SMnL architects on the exterior and overall design, we have crafted a space that seamlessly integrates sports, nature, and sustainability. Our goal was to create an inspiring and welcoming environment for athletes, visitors, and the community alike.

Our Design Philosophy

A defining feature of the design is the use of large overhangs supported by an elegant wooden beam and column structure. These overhangs provide shelter for spectators in all weather conditions while also being strategically designed to optimize sunlight exposure—ensuring shade in summer and warmth in winter. By showcasing the wooden structure both inside and out, we create a warm and inviting atmosphere that emphasizes natural materials and craftsmanship

Inside, the load-bearing structure remains visible, making the design easy to understand and appreciate from every angle. Sustainability is at the core of this project, with biobased insulation materials, eco-friendly facades, and a lush green roof garden contributing to the building's environmental performance.

A Harmonious Connection with Nature

The clubhouse is designed to merge seamlessly with its surroundings. Positioned within a green buffer zone, the structure is enriched by 'green drops'—landscaped pockets that enhance its integration with nature. The elevated main level offers panoramic views of the sports fields, reinforcing the connection between indoor and outdoor spaces.

Sustainability extends beyond materials to ecological impact. The green roof, covered with sedum and herbs, improves insulation and fosters biodiversity. Solar panels and energy-efficient systems minimize energy consumption. Native plants, climbing greenery on the façade, and integrated nesting boxes for birds and bats all contribute to a thriving local ecosystem.

More Than a Clubhouse

The new Ringpass Delft clubhouse is more than just a sports facility—it is a vibrant community hub. Expansive windows flood the interiors with natural light, fostering an open and inviting ambiance. The thoughtful material palette ensures a contemporary yet warm aesthetic, creating a space that feels both modern and welcoming. Beyond serving the hockey community, the clubhouse also houses an after-school care facility, reinforcing its role as a gathering place for all generations.

Come and Experience It

We invite you to visit the new Ringpass Delft and experience it for yourself. Whether you're here for sports, social gatherings, or simply to enjoy the natural surroundings, this building is designed to inspire and connect people through thoughtful architecture and sustainable innovation. The building process is set to begin in 2026.

01.The Urban Woods Amsterdam

Location: Amsterdam,, Netherlands
Program: Residential building with commercial space on the ground floor
Area: 6.500 m²
Architects: Urban Climate Architects
Contractor: UCA Construction Team
Status: 2025 - Preliminary Design

The Urban Woods is an ambitious undertaking in residential architecture, encompassing Europe's first 10-story building made entirely of wood construction. This innovative project was developed in collaboration with numerous specialists and industry professionals dedicated to achieving the highest standards of sustainable architecture.

The building's key values include the utilization of materials of natural origin, consideration of energy and ecological parameters, support for biodiversity, and social education on eco-friendly construction.

In the Urban Woods project, a wide range of advanced technological solutions has been implemented. These include rainwater collection and storage, greywater reuse, installation of photovoltaic panels on the roof for energy production, use of heat pumps for heating and cooling, energy-efficient appliances in apartments, and the use of high-quality thermal insulation.

Thanks to such a comprehensive technological infrastructure, the building has become an efficient system that harmonizes with the architecture. Additionally, the residential complex will operate as an energy-neutral unit, and residents will receive real-time information about their energy consumption and its environmental impact through the "Urban Woods" application.

Energy Neutral

The designed building is energy self-sufficient due to the use of solar panels and a system for recovering heat from water and air. Intelligent sensors regulate temperature and air exchange, while effective insulation and energy-efficient appliances complement this infrastructure comprehensively. During the lifetime, the average energy usage targets are as follows: BENG 1: 66 kWh/m², BENG 2: 17 kWh/m², BENG 3: ≥80%. We aim for 100% design efficiency, but confirmation is pending until the building has been in use for one year.

Rainwater Utilisation

A significant amount of rainwater is collected and stored using retention layers on the green roof. The harvested water can be reused for plant irrigation and toilet flushing in apartments, which represents efficient water resource utilisation.Currently, we are reducing water usage by 20% to the average household. Our 2030 ambition is to achieve a reduction of 30%.

Ground Source Heat Pump

The ground source heat pump ensures stable temperatures throughout the year, operating independently of external weather conditions. In reverse mode, it also serves to cool spaces in warmer months, eliminating the need for air conditioning in buildings. This ensures effective temperature regulation and thermal comfort.

01.The Urban Woods Deventer

Location: Deventer, Netherlands
Program: Residential building with commercial space on the ground floor
Area: 10.250 m²
Architects: Urban Climate Architects
Contractor: UCA Construction Team
Status: 2025 - Preliminary Design

The Urban Woods is an ambitious undertaking in residential architecture, encompassing Europe's first 10-story building made entirely of wood construction. This innovative project was developed in collaboration with numerous specialists and industry professionals dedicated to achieving the highest standards of sustainable architecture.

The building's key values include the utilization of materials of natural origin, consideration of energy and ecological parameters, support for biodiversity, and social education on eco-friendly construction.

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12.Office Haagweg

Location: Delft, Netherlands
Program: Office building
Area: .. m²
Architects: Urban Climate Architects
Contractor. SonZurf B.V.
Status: In design
Budget:.. euros

From Waste to Workspace: TNO and Urban Climate Architects Build Future-Ready C-CLT Office

Transforming waste wood and domestic timber into high-quality circular, biobased building materials offers a powerful way to slash the construction industry's carbon footprint. The innovative Circular CLT (C-CLT), developed by TNO, is now being integrated by The Urban Woods in a sustainable apartment complex in Delft. With the expansion of the Construction Innovation Lab in Delft, TNO and its partners are accelerating the scale-up of biobased materials to bring these climate-friendly solutions to the mainstream market.

As pioneers in sustainable architecture, we're proud to lead by example—currently designing our very own cutting-edge office in the heart of Delft, made entirely from Cross-Laminated Timber (CLT) sourced from residual wood.

- Biobased, Circular, and Future-Proof

More than just a workspace, our new office will be a living showcase of biobased construction—demonstrating how timber architecture and low-carbon design merge into a sleek, modern environment. CLT plays a starring role: a circular building material that stores CO_2 while creating a warm, natural atmosphere. And of course, our doors will open as a showroom for anyone eager to discover how authentic biobased building truly works.

- A Healthy, Inspiring Place to WorkOur design breathes light, air, and life. Expansive glass walls flood interiors with natural daylight, boosting comfort while reducing energy consumption. Outside, we're crafting a biodiverse landscape that buffers rainwater and provides natural cooling—building not only sustainably but also climate-adaptively and with people at its heart.

- Smart, Circular, and Energy-Efficient

Built on a foundation of CLT and powered by smart technologies like solar panels and an innovative ventilation system, our office is engineered for minimal energy use and maximum future readiness. Every detail is intentional—aiming for the smallest ecological footprint and the biggest impact on inspiration and innovation.

RESEARCH

Pioneering Architectural Research and Innovation

At Urban Climate Architects, we are at the forefront of architectural research, driving innovation to shape the future of sustainable design and construction.

13. Built by Nature

Setting the standard on detailing multistory timber housing
Research project on timber details
Client: Built by Nature

Limited knowledge of timber in the construction sector, combined with gaps in laws and regulations, is a major obstacle to scaling up mass timber in the Netherlands. Although there is much discussion and pioneering efforts in this field, tangible progress remains limited. This research has a specific focus on construction details to bridge a crucial knowledge gap in timber construction.

Designing a timber building that meets all requirements for acoustic performance, fire resistance, and structural design is complex, and alternative approaches must be considered for issues such as installations. Moreover, the absence of proven reference details further compounds the challenges. To address these issues, a proposed study aims to comprehensively analyze recently completed multi-story wooden residential buildings in the Netherlands at a detailed scale of 1:5. The analysis will utilize both theoretical data (drawings) and practical data (technical measurements, interviews).

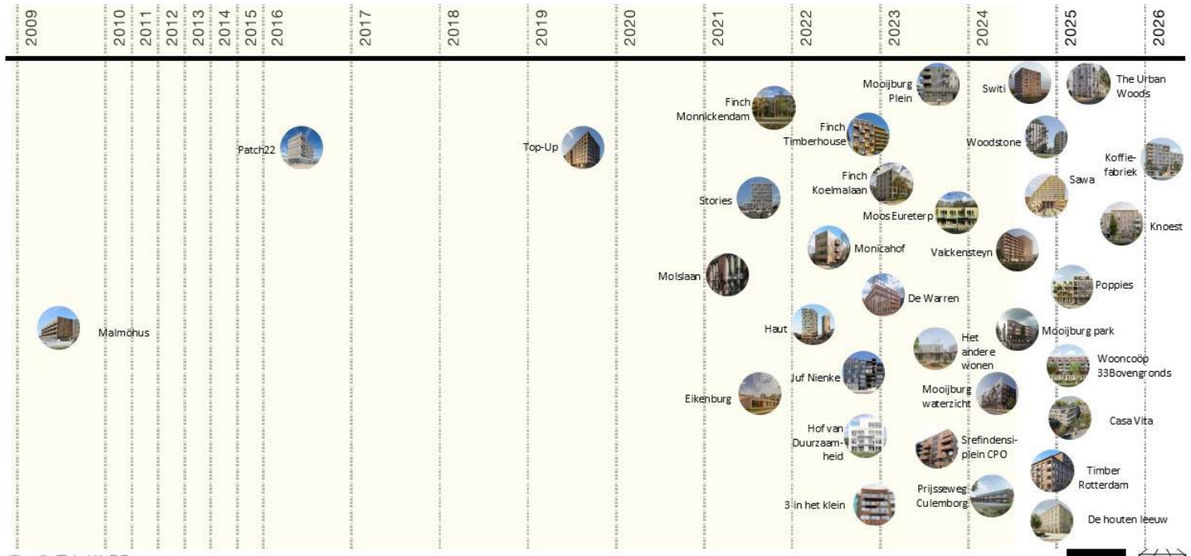
The findings will be used to create reference details LoD 500 and provide recommendations spanning from design to implementation. Ultimately, the study will compile the outcomes into a freely accessible handbook, to inspire architects, builders, and developers, and to set a standard to insurers and municipalities/ government.

■ **Stage 1 - Case study, overview of 20 multi-story residential buildings with their principles and details (structural design/details/acoustic solutions, etc.)**
20 recently constructed wooden buildings will be analyzed. We will collect construction drawings/ details and performance data on different themes. Issues to be addressed include: design process, construction, fire safety, acoustics, installations, CO_2 storage, bio-based insulation and materialization, detachability and construction.
If existing test results are not sufficient, additional tests on internal sound are carried out within this study. By conducting interviews with the involved advisors, we aim to explore solutions from various perspectives. We anticipate an honest assessment of "lessons learned" and engaging professional discussions on topics such as acoustics, fire safety, detachability, and more. Finally, we will interview the residents to gather their experiences. Through these interviews, we expect to gain deeper insights into the comfort and overall experience of living in wooden flats. Combining this qualitative data with the 'hard data' collected will provide a comprehensive analysis of the findings.

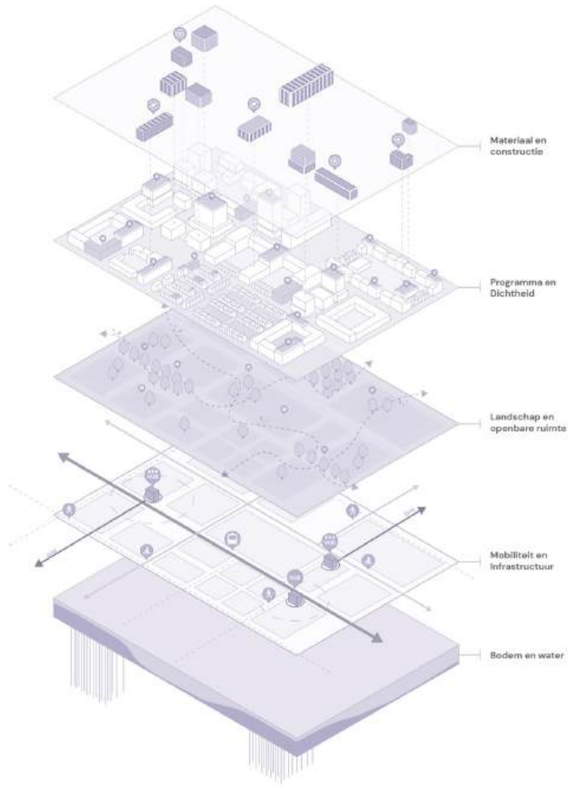
■ **Stage 2 – Guidelines and 30 reference details for designing in timber**
Out of the project analysis results, a conclusion is crafted with the collaboration of esteemed experts. The conclusion outlines diverse solutions for each theme addressed, including design process, construction, fire safety, acoustics, installations, CO_2 storage, bio-based insulation and materialization, detachability, and construction methods. The building types are classified into 3 categories;
1. Buildings made of solid wood walls/ floors (2D)
2. Buildings from a wooden column/ beam structure in combination with wooden floors (2D)
3. 3D modules
The conclusion is translated into both design principles and 30 principle detail solutions at LoD500.

■ **Stage 3 - Conversion to handbook**
The outcomes of stage 2 will be compiled in a clearly presented handbook containing:
- Intro
- Case studies
- Design principles
- Approved details, with variations in construction for fire/noise/insulation (LoD500)

■ **Stage 4 - Knowledge & Capacity Building**
The research outcomes will be compiled into a comprehensive bilingually handbook (English and Dutch) on timber construction, which will be made available both in print and as a freely accessible digital resource. To effectively disseminate the knowledge both in the Netherlands as in Europe, we provide articles in professional journals, presentations and workshops at timber events, schools, and universities, as well as the creation of an explanatory video. Through these efforts, we aim to share valuable insights and foster knowledge exchange within the industry, both in the Netherlands as in Europe.



14.Low Carbon Urbanism



Low Carbon Urbanism is a research project focused on developing a practical tool to reduce CO_2 emissions in urban development. In collaboration with partners like BURA, Urban Climate Architects, TNO, Hedgehog, and LEVS Architecten, the project aims to accelerate sustainable transformation in the construction sector, a major contributor to CO_2 emissions.

The Low Carbon Urbanism Tool will enable urban planners, architects, and policymakers to measure and optimize the carbon impact of their designs. It considers all aspects of urban planning — from material selection and construction methods to infrastructure and spatial programming — promoting integrated and sustainable decision-making from the outset.

■ **Key objectives include:**

Tool Development: Creating a comprehensive tool to visualize and reduce carbon emissions in urban projects.

- Construction Innovation: Encouraging low-carbon construction methods, like sustainable foundations and innovative parking solutions.
- Accelerating Sustainable Development: Providing practical guidelines aligned with international climate goals.
- Case Study Application: Testing and refining the tool through real-life urban projects in Utrecht, Almere, and The Hague.

Beyond carbon reduction, the research embraces a holistic approach, integrating biodiversity, affordability, and climate adaptation. Low Carbon Urbanism aims to set a new standard for climate-conscious urban design, driving cities toward a more sustainable future.

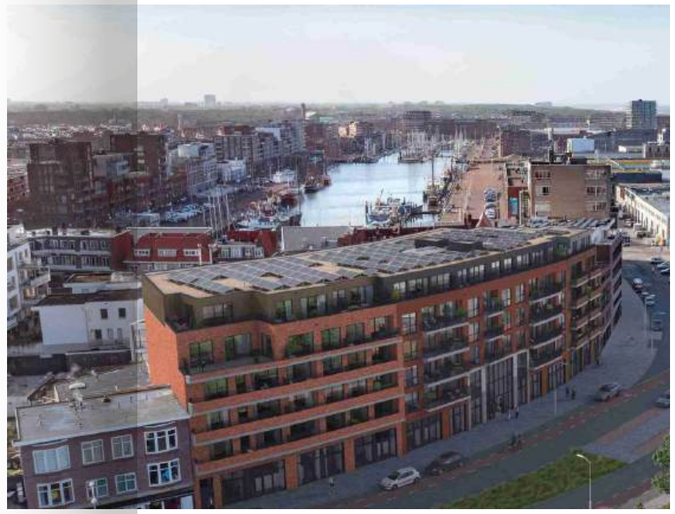
NATURE INCLUSIVE

15.Zeesluisweg

Location: Den Haag, Netherlands
Program: Residential building
Area: 10 000 m²
Architects: Urban Climate Architects
Client: Brick-Stone
Status: 2023 under construction
Budget: 32 million euros

Nestled within the urban tapestry of Den Haag, our housing project seamlessly weaves modernity into the rich fabric of the city. Situated amidst narrow plots, our architectural vision sought to respect the context while embracing innovation.

We divided the façade into three distinct parts, each characterized by variations in window size, color, materials, and texture. These harmonious differences form a cohesive whole, reflecting the spirit of Scheveningen architectural diversity.



> **"Even in a highly urbanized location, you can still feel like you're at the beach, surrounded by greenery and sand."**

To harmonize seamlessly with the neighborhood's architectural character, the top two floors feature subtle setbacks. These design elements not only restore a human scale to the building but also facilitate better integration with neighboring structures.

Architecture

Our building's main entrance stands as a grand gateway, soaring 2.5 stories high, leaving an indelible impression on all who pass through. This impressive entrance also serves as a passage to the building's other side, offering a tantalizing glimpse of the enchanting dune landscape beyond. The materials thoughtfully selected for the building, particularly the use of brick harmoniously combined with the dunescape, resonate with the character of our surroundings. This blend of heritage and innovation serves as a testament to our commitment to preserving and enhancing Den Haag's architectural identity.

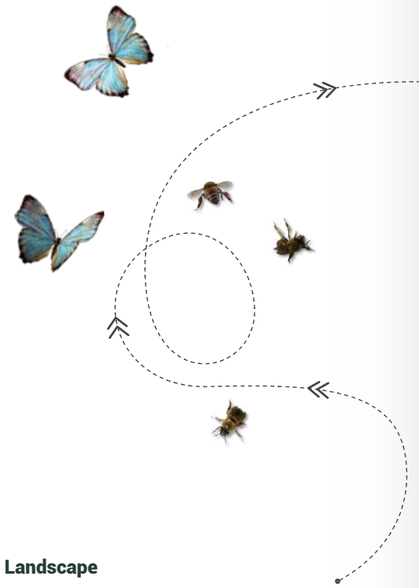
Ground Floor

Embracing the city's topography, our design ingeniously accommodates the variations in ground level. Maximizing direct access from the street, some apartments sit slightly below street level while others rise above it.

Conversely, apartments bordering the inner garden enjoy seamless outdoor access without such elevation changes. This thoughtful arrangement ensures a vibrant and livable ground level while leveraging the height differences to create a diverse range of housing typologies within the building.

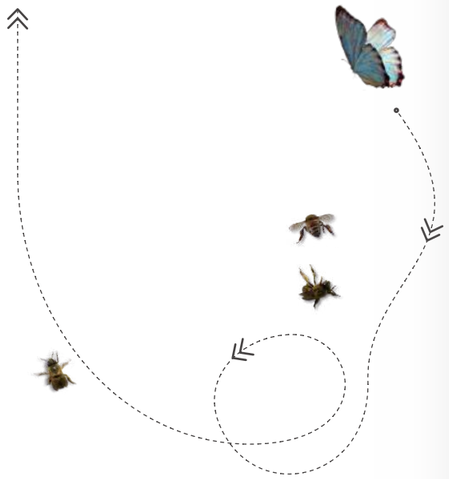
Apartments

Diversity reigns supreme within our building, offering over 19 distinctive apartment types. This extensive array caters to a wide spectrum of potential residents, ensuring that everyone finds a size and configuration that aligns with their unique needs and lifestyle.



Landscape

Close to the sea, we embarked on an ambitious endeavor to recreate a ‘dune landscape’ in the backyard. This two-tiered masterpiece artfully conceals the presence of parking and garages while connecting certain houses directly to this natural paradise.
For these fortunate residents, a narrow semi-private backyard blurs the lines between public and private spaces. Every plant and landscape element was thoughtfully curated by our dedicated landscape architects to evoke the essence of the nearby dunes and sea.



Selection of plants for dune landscape.

ZUIDHELLING

NOORDHELLING

> **Every plant and landscape element was thoughtfully curated by our dedicated landscape architects to evoke the essence of the nearby dunes and sea.**

For the sustainable preservation of the vegetation on the rooftop gardens of the 1st floor, an automated irrigation system is indispensable. An automated irrigaton system is also highly recommended for the plantings on the ground floor. This recommendation arises not only from the potential for extended dry periods due to climate adaptation but also because many planting areas are situated in rain shadow zones.

In any case, it is essential to provide trees and larger shrubs with consistent water support around their root zones for the first 2 to 3 years. Given that rainwater is the most ideal source for plant hydration, there may be an opportunity to harness the surplus water from the Sedum roofs and the rooftop gardens on the 1st floor. This water can be collected and stored in buffer tanks for future use.

Summary

In summary, our housing project in Den Haag is not merely a building but a living testament to the harmonious coexistence of history and modernity, nature and architecture. It represents a fusion of diverse elements into a unique and vibrant whole, offering a harmonious oasis for residents in the heart of this historic city.

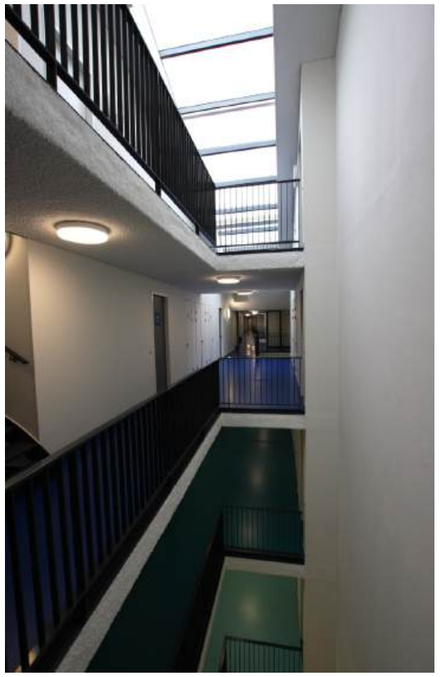
16.Woldring

Location: Groningen, Netherlands
Program: Housing, commercial, officies and fitness
Area: 28 300 m²
Architects: Urban Climate Architects
Client: Woldring Verhuur
Status: 2019
Budget: 36 million euros

Local resources

In the north of The Netherlands, in the city of Groningen, a new building has emerged from the ground. The Mass, built out of bricks baked from clay farmland from the area, ensures optimum use of local resources. Out of the clay we shaped a building that has an optimum form to reject the sound from the highway and open up to the water.

The clay protects the white courtyard that collects sun and light. The shape that has been made is a way to suit the environment but also have a fast moving shadow so everyone has direct light. On the location the design blocks the wind for 90% of the time to ensure the inhabitants will have a good living climate. A groundsource heat pump has been installed to heat the entire building. The sun is captured by solar panels to give electricity to the apartments.



■ **The green oases**

The green oases are no less than **126 meters long** and built around the fence above the parking garage. The containers are filled with a wide variety of hardy plants. Above them, an attractive pergola with climbing plants and a string of LED lights is attached. In this way, the courtyard on the second floor has been given a sustainable upgrade.

■ **SDGs**

The green oases are not only beautiful to the eye, but also help to reduce CO2 emissions, boost biodiversity and cool down the warming city. In this way, Woldring Verhuur fulfills several Sustainable Development Goals.

■ **Communal living**

Groningen being a student hub, the housing is intended for young people and graduates from the area. The building, with its added functions such as fitness and retail, is designed to create meeting opportunities. Wide corridors and open structures ensure interaction between residents and add to the communal feeling.

■ **Use of light**

The building is positioned and designed in such a way, that interior spaces are flooded with natural light and sunlight. The wide corridors and white interior provide reflection and contribute to a spacious experience that fits in with the greenery and nature in this urban area. The shape of the building arose from the desire to realise a light and low-noise design and is the result of a thorough study on both parts.

■ **Brickwork**

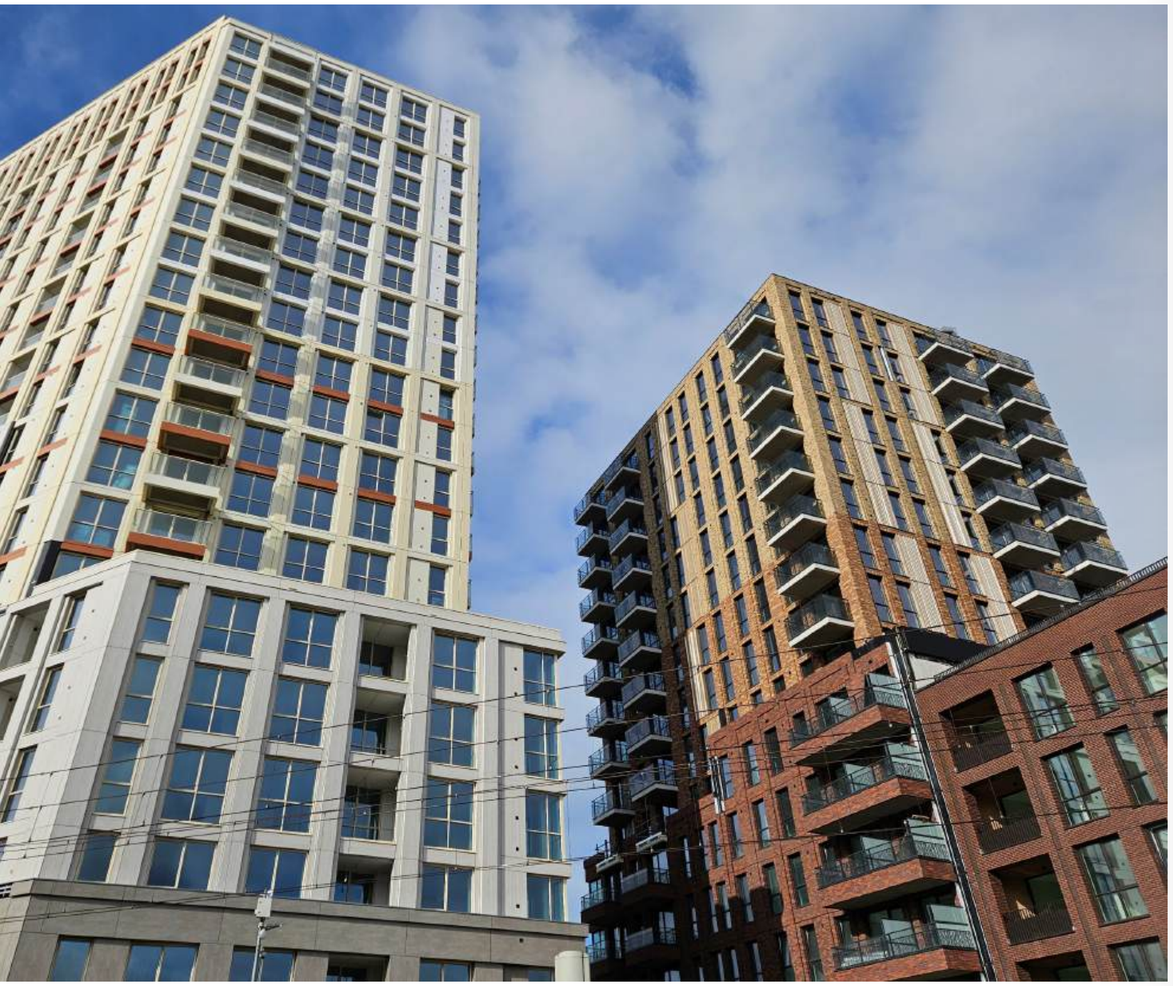
On the exterior of the building, the bricks at the bottom partly protrude and provide shade. The brickwork gradually becomes finer as you are moving upwards. This course contributes to a beautiful tectonic experience.

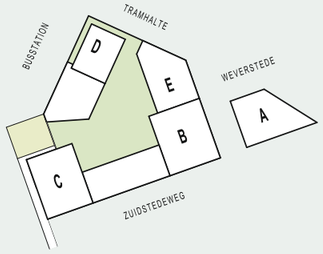
17.Weverstede

Location: Nieuwegein, Netherlands
Program: Residential building with public commercial plinth
Area: 36 100 m²
Architects: Urban Climate Architects
Client: Fresch Real Estate
Status: 2023 - under construction
Budget: 60 million euros

The rejuvenation of Nieuwegein's Stationsgebied is underway, with the west side now taking the spotlight after the successful development of the east side, which introduced the modern Cityplaza shopping center, residences, and the new city hall.

The west side revitalization, featuring The New Citizen, prioritizes green spaces, with a remarkable 75% increase in greenery. Its central location, not only within Nieuwegein but also in the heart of the Netherlands, further enhances its appeal.





Here's a brief overview of the project:

- 128 apartments, spanning 3 to 4 distinct types
- 2-, 3-, and 4-bedroom apartments
- Private sector rentals
- Living spaces ranging from 56 m² to 84 m²
- Underground parking facilities
- Commercial spaces on the ground floor

Enhancing Urban Living

The transformation of Nieuwegein's Stationsgebied aims to create a vibrant, appealing, greener, and more sustainable city center. This initiative includes the development of a modern tram and bus interchange, complemented by residences and enhanced pedestrian and cycling pathways.

Nurturing Housing Demand

As in many Dutch cities, Nieuwegein faces high demand for housing, and its city center is an ideal canvas for new residential developments. Proximity to shops, amenities, and public transportation makes it an attractive choice. The project involves the design of 450 homes, distributed across a block with two prominent height accents and a standalone tower that serves as a landmark.

Architects' Role

Urban Climate Architects has played a pivotal role in shaping this urban vision. Since 2017, in close collaboration with Fresch Real Estate and the Municipality, they have been working diligently to bring this development to life. The approach, focusing on early-stage integrated planning involving developers, the Municipality, and architects, has successfully addressed challenges related to mobility, housing preferences, building volumes, maximum heights, and transportation.

> **We care not only about the quality of space for people but also for every living being. Birds, butterflies, bees will find their place. We create a space in which we coexist with nature.**

Energy:

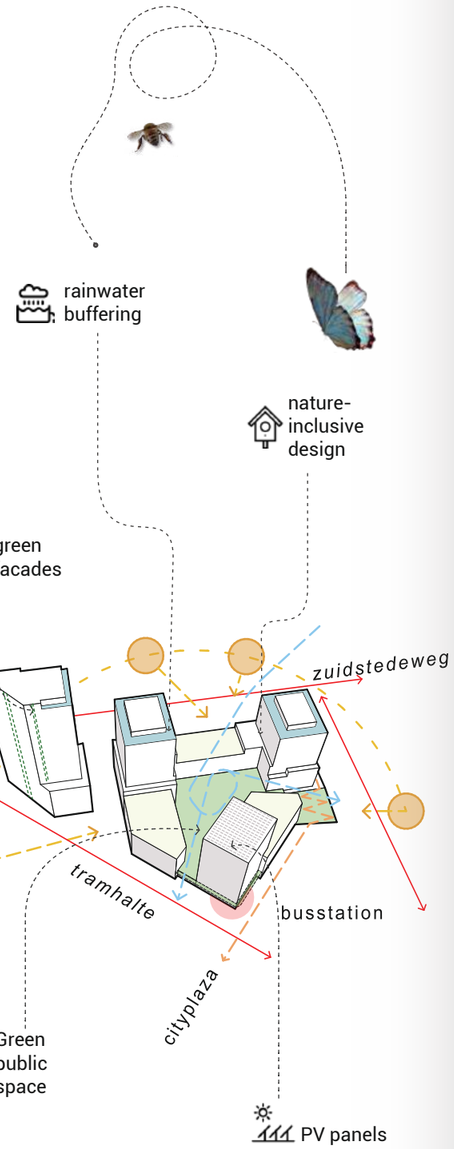
Energy performance
Facade Rc=5,0
Opening U=1,1
Roof Rc=6,0
Floors Rc=3,5
Air tightness Qv <10
Sun shading on sun-exposed facades (E-W-S)
Heating district heating or collective WKO
(Note: WKO boiler required)
Generation 40%

Environment:

Environmental performance
MPG score < 0.50 €/m2 GFA.year
Limit concrete use
Circular material use
Disassembly index >0.8
50% Reusable material
<50% Recycled material
High share of Biobased material
Sustainable produced wood >95%

Future value

Future orientation - Building is adaptable
Flexibility - Framework allows changes and connections between homes
Value of experience - Dynamic environment with a beautiful design



Green, Sustainable, and Innovative

The project project upholds a high standard of circular, nature-inclusive, and climate-adaptive construction. This commitment is evident in the design of public spaces, private rooftop gardens, and innovative water solutions.

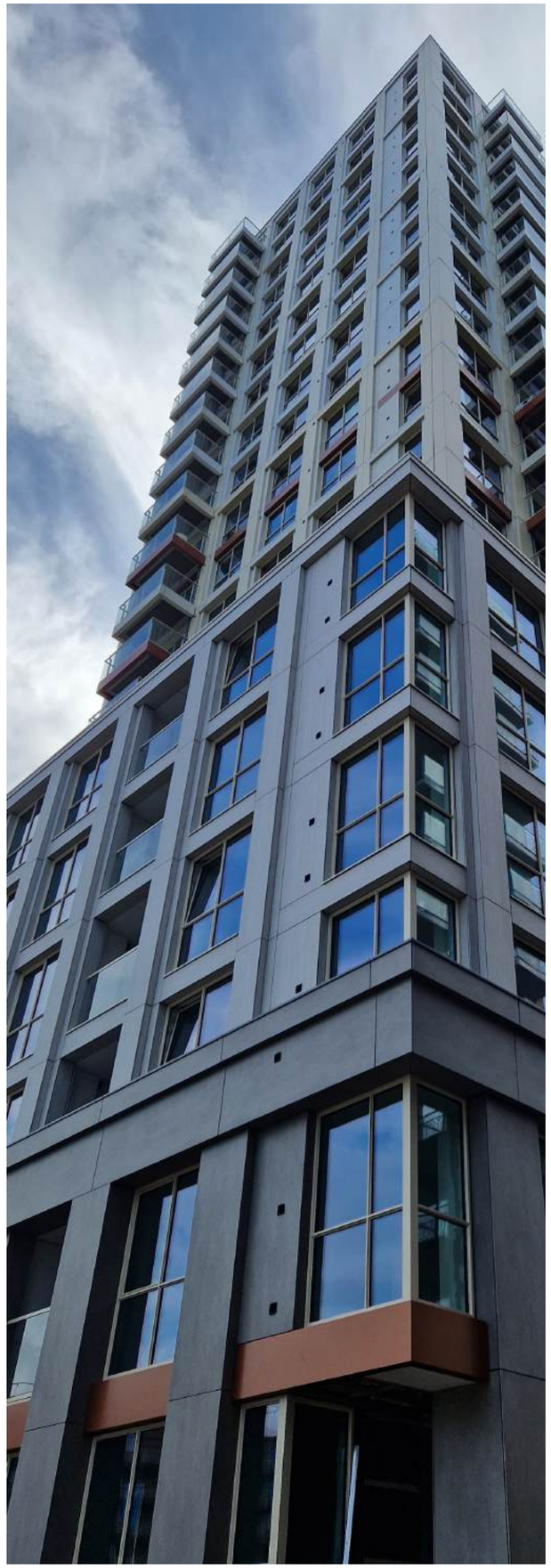
Green roofs facilitate water buffering and open doors to explore timber based structural elements. Despite the high-density, compact construction, the building introduces an astounding 75% increase in greenery to the area, thanks to its green facades, rooftop gardens, inner courtyard, and ground-level greenery.

Smart Mobility and Accessibility

The project incorporates intelligent mobility solutions, such as shared car services and well planned bicycle parking facilities within the block. Furthermore, its proximity to public transportation, including the express tram and bus, ensures optimal accessibility and access to amenities.

Digital Engagement

In response to the COVID-19 pandemic, our project embraced innovation by fully digitizing the planned presentation and community engagement. A 4D virtual tour and project details are available on the Municipality's website, enabling residents to explore the plans, ask questions, and provide feedback for consideration in the ongoing development process.

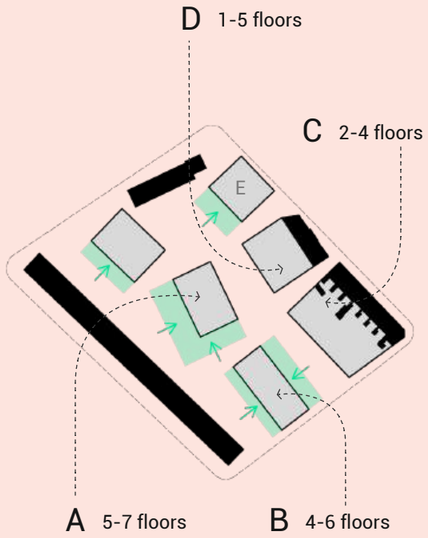


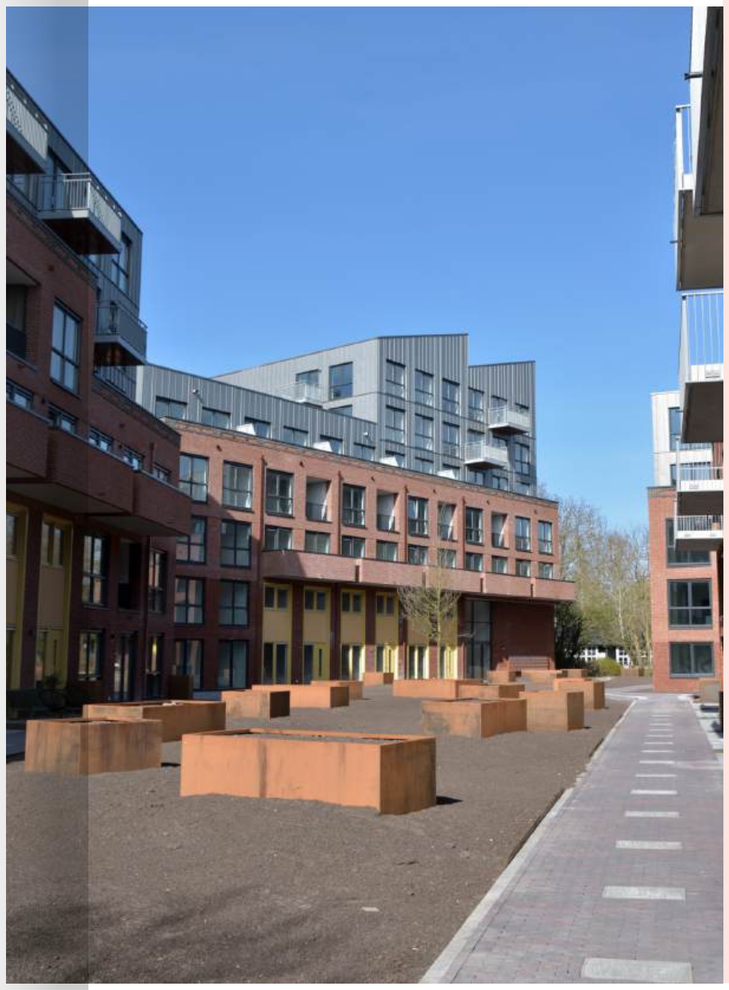
18.Jullensblok

Location: Groningen, Netherlands
Program: housing, parking
Area: 20 000 m²
Architects: Urban Climate Architects
Client: Veldboom Vastgoed
Status: project phase - 2020
Budget: 35 million euros

Revitalization of the Groningen Industrial Area: From Old Industrial Zone to Dynamic Residential Area
The former industrial park on the Jullensstraat in Groningen is undergoing an impressive transformation. What was once a place for old factories and outdated infrastructure is now being redeveloped into a vibrant, modern residential area. This project is a perfect reflection of Groningen as a city where the connection between technology and progress is key. The new district offers a fresh boost to the cityscape, with sustainable designs that integrate seamlessly into the environment.

An Innovative Design for the City of the Future
The design of the new housing project is both functional and innovative. Four modern residential blocks rise on top of an underground car park, keeping the ground level car-free. This contributes to a safe and pleasant living environment, where residents can fully enjoy the outdoors without the noise and pollution of traffic. Through the smart orientation of the blocks, the view over Groningen is optimally used, and at the same time a connection with the nature in the area is created. These outdoor spaces offer residents the chance to relax and enjoy the peaceful, green surroundings.





Compact and Green Living Space in Jullensstraat
One of the main features of this project is the compact design of the residential blocks. Due to the compactness of the buildings, the space around the blocks is used to the maximum for green areas. This provides a strengthened connection with the environment and a sense of community among residents. In addition, the Jullens block will have a lush, green courtyard where residents can retreat into nature and enjoy the peaceful, aesthetically pleasing environment.

Sustainability and a sense of community in the neighborhood
The design includes not only a varied selection of perennials and flowering shrubs, but also mobile tree pots and raised plant borders that make the area extra inviting. These sustainable elements not only contribute to the aesthetics of the neighborhood, but also to the biodiversity and well-being of residents. Connecting with nature is thus achieved not only literally, but also figuratively.

The revitalization of this Groningen industrial area is a textbook example of how modern architecture and sustainable design reinforce each other. This project not only offers new homes, but also creates a new lifeline for the city of Groningen. The plan reflects the commitment to a perfect balance between environmental responsibility, modern housing needs and a sense of community where everyone feels welcome.

Urban Climate Architects has the honor of realising this innovative project, based on a preliminary urban study by MINT Architects. The project foresees the redevelopment of the site in the Helpman district as a public space, above a shared parking basement, where four to five sustainable residential blocks will be built.

19.The Pavilion

Location: Groningen, Netherlands
Program: horeca
Area: 1179,0 m²
Architects: Urban Climate Architects
Client: NTC Vastgoed
Status: 2016 - completed
Budget: 4 million euros

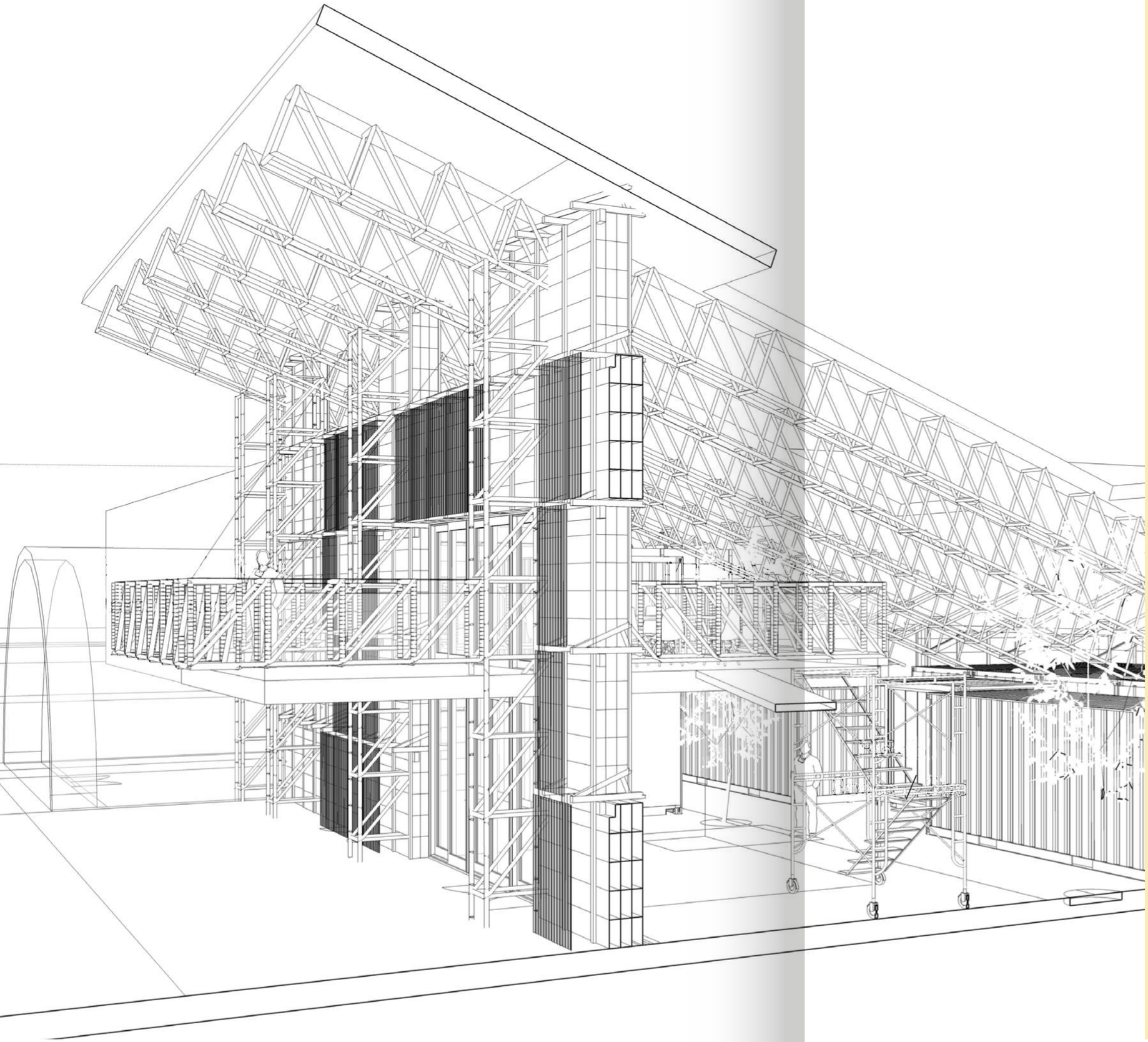
Imagine a building that feels like a part of nature itself. That's the Mist Pavilion. It's designed to blend in with its surroundings, almost like it's not even there. The outside is mostly see-through, made of glass, so you can see the world outside from every angle. The only parts that aren't see-through are the facilities inside.

The Pavilion is light and airy, like it's floating above the ground. And when it's not needed, windows can fold, opening to let nature take center stage.
The shape of the Pavilion is special too. It curves up at the edges, giving it a magical, floating feeling. And the windows on the outside come in all different sizes and shapes, like they're playing a song together.

The paved terrace seamlessly merges into the natural landscape, providing a smooth transition from the built environment to where the pavilion is situated. Meanwhile, the untouched shores preserve the biodiversity of the area.
Even though it looks free and easy, a lot of thought went into building it. The construction system and grid doesn't match the pattern of the windows on purpose to achieve even more disconnection between the two elements, showing that sometimes breaking the rules can make something even more beautiful.

The lake at Paterswolde is a truly serene place. Every morning, the mist that forms above the water, slowly dissolves between the trees. This is the main concept for the 'Pavilion of the Lady'.

Its minimalist design ensures that there really is no building at all. It is just mist that lands here. It slowly moves over land and it will eventually lift into the sky.



See our first circular building.

CIRCULAR

20.Stadslab

Location: Groningen, Netherlands
Program: offices, horeca, public stage and event spaces
Area: 3288 m²
Architects: Urban Climate Architects
Client: Keypro
Status: 2018
Budget: x million euros

"End of life cycle? It's just the beginning."

The circular Stadslab Groningen has been realised on the former Suikerunie site. The initiator Keypro from Groningen had the idea to realise a temporary icon where creative companies from the manufacturing industry in Groningen could come together. The Suikerunie site offered a good opportunity for this. After the demolition of the Suikerunie factories, the site was set aside for a long time, development is only planned for over another 15 years. The municipality asked for a temporary interpretation of the site.

Together with the initiators, we designed the building with temporary and reusable materials that refer to the manufacturing industry. The outer frame of the building comes from a pop venue and the giant yellow doors slide on old NS train wheels.

Stadslab consists of three parts: two cylindrical sheds of 520 square meter each with an intermediate piece of 600 square meters. This large hall serves as a meeting place and restaurant, but can also be opened in its entirety to create a stage to the city. As a result, the space is transformed into a large stage in no time and it is very easy to convert the Stadslab into a festival location.

A few words in conclusion

At Urban Climate Architects, we are building the world according to our vision of the future. We see the real estate market as a tool for constructing a sustainable future accessible to everyone—for the sake of our children, future generations, and the entire planet.

We focus on four essential aspects:

- **First, do no harm:**

Our primary goal is environmental stewardship and the future of our planet. In the construction industry, we seek solutions that enable building new homes without harming the climate.

- **Delivering new quality in construction without changing the price:**

We build quickly, while minimizing environmental impact. We make quality housing achievable within standard budgets.

- **Fostering social values in architecture:**

We believe architecture influences society, so we strive for projects that foster social bonds. We remember who we are building for.

- **Raising awareness about sustainable construction:**

By sharing our knowledge, we hope that sustainable housing design will attract sustainable residents.

Together, we build better!

Are you interested in collaboration?

We warmly invite you to visit our social media profiles, where you will find more information about sustainable construction and collaboration opportunities.

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