

CAPABILITY STATEMENT 2023



Curriculum Vitae GG-loop

Established in 2014, GG-loop believes that design is not simply about creating functional objects and spaces. Instead, design should tell a story, taking its user on a journey. GG-loop tackles design challenges with this in mind, articulating a vision for projects that is at once future-forward, organic and refined.

With studios in Amsterdam adn Milan, design outcomes are embedded in a recurrent back story with an emphasis on objects and spaces that envelop the user. GG-loop also harnesses the history and craftsmanship within a country yet offers a global perspective in terms of forms and trends. The 'loop' to which the studio's name refers comes from the studio's iterative process of inquiry into a project or brief, to explore an underlying design idea.

GG-loop's realised projects include Freebooter (2019) and The Seed of Time (2015). The studio won awards such as the Frame Award (NL), the WAF Award (UK), and the Best of Year 2019 Award (NY). GG-loop was founded by Giacomo Garziano, a graduate of Facolta' di Architettura di Firenze (2008). Garziano has more than 15 years of experience working for studios such as NIO Architecten and UNStudio.

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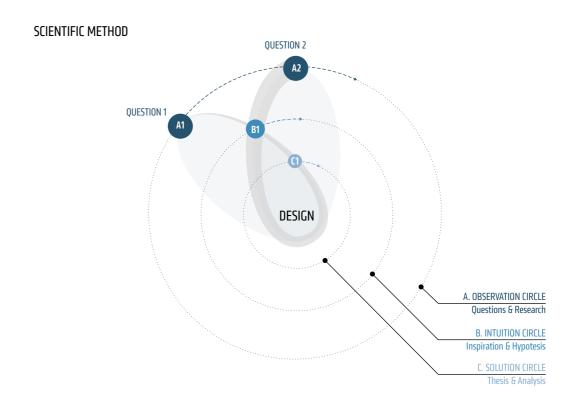
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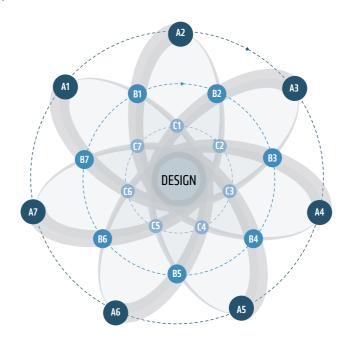
Date of registration 02.06.2020

COC 78184541

VAT NL861294233B01



PROCEDURAL LOOP



Selected Projects

2023	A.P.C. flagship - Milan (IT) - retail Talos - Lake Tahoe (US)- residential	completed ongoing
2022	Eurytides - Tucumán (AR) - masterplan Echinoidea - Milan (IT) - installation Polygonia - Paris (FR) - furniture	ongoing completed completed
2021	Atargatis - Palestine - masterplan Illyrius - Tirana (AL) - residential Mitosis-XS - Eindhoven (NL) - residential	ongoing ongoing ongoing
2020	Mitosis-XL - Amsterdam (NL) - residential Gyrus - Amsterdam (NL) - refurbishment Grasp - Hilvarenbeek (NL) - masterplan / landscape	ongoing preliminary design preliminary design
2019	Freebooter - Amsterdam (NL) - residential IDA - Haarlemmermeer (NL) -art Ω (Oxygen-18) - Amsterdam (NL) - Milan (IT) - installation Ganglia - Altamura (IT) - education	completed ongoing completed preliminary design
2018	Metaphase - Doetinchem (NL) - residential Elysia - Amsterdam (NL) - product Firnocene - London (UK) - art Dioptase - Amsterdam (NL) - product	preliminary design preliminary design completed ongoing
2017	Aiknite - Amsterdam (NL) - product the Infection - Milan (IT) - fair installation Adamas - Amsterdam (NL) - furniture Resonating Spaces - Amsterdam (NL) - research	ongoing completed completed ongoing
2016	Zephyrus - Amsterdam (NL) - furniture The Seed of Time - Altamura (IT) - art The Infection - Altamura (IT) - Interiors The Gentle Genius - Altamura (IT) - restorarion Vibrio - Amsterdam (NL) - Furniture design Synapse - Amsterdam(NL) - interior design	completed completed completed completed ongoing preliminary design
2015	Givenchy shop 1 - Milan (IT) -interior design Givenchy shop 2 - Moscow (RU) - interior design Givenchy shop 3 - Macau (CI) - interior design	completed completed completed

Awards

Golden Trezzini Awards 2022 – Best Implemented Project of Residential Estate – St. Petersburg (RU) - Golden Trezzini
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Frame Awards 2020 – Large Apartment of the Year – Amsterdam (NL) – Frame Magazine
WAF Awards 2019 – Amsterdam Prize – London (UK) – World Architecture Festival
Best of the Year 2019 – Environmental Impact – New York (US) – Interior Design magazine
Best Project 2019 – Bari (IT) – Archilovers
A+ Awards – Details + Architecture, Wood – New York (US) – Architizer
AMP 2019 – Green architecture – Los Angeles (US) – Architecture MasterPrize
CODA awards 2019 – Residential – Madison (US) – Codaworx
A'Design awards 2019 – Sustainable and Green Design – Como (IT) – A'Design
DNA Paris awards 2019 – Green Architecture – Paris (FR) – DNA Paris
Inspireli Awards 2016 - Prague (CZ) - Inspireli
Young Italian Architects 2016 - Venice (IT) - presS/Tletter
"Spectacular houses" HÄUSER Award 2017 - Berlin (DE) - Häuser

Exhibitions

DI-X pavilion	July 2022, Architectural Design Week 2022, Jakarta (ID)
Echinoidea	June 2022, INTERNI Design Re-generation, Milan (IT)
Mitosis	February 2022, Full Circle: Design without end, MODA Museum of Design Atlanta, Atlanta (US)
Freebooter	June 2019 - December 2019, ARCAM architecture center Amsterdam, Amsterdam (NL)
Freebooter	November 2018 - January 2019, ARCAM architecture center Amsterdam, Amsterdam (NL)
Zephyrus	December 2018, Roche Bobois at Art Basel Miami, Miami Beach (FL)
Zephyrus	July 2018, Roche Bobois at Beijing International Furniture Fair (BIFF), Beijing (CN)
Ω (Oxygen-18)	April 2018, Source at Fuorisalone, Milan (IT)
Ω (Oxygen-18)	January 2018, UNFAIR, Amsterdam (NL)
Zephyrus	July 2017, Roche Bobois art gallery, Monaco (FR)
Firnocene	May 2017, Open Senses Festival, The Old Truman's Brewery, London (UK)
Resonating Spaces	November 2016, TEDx Amsterdam, Stadsschouwburg, Amsterdam (NL)
The Seed of Time	September 2016, Digital Design Weekend, Victoria & Albert Museum, London (UK)
Resonating Spaces	September 2016, New Scientist Life, ExCeL, London (UK)
Hacking Source	September 2016, Florence Design Week, Le Murate, Florence (IT)
the Infection	April 2016, Milan Design Week, Ventura Lambrate XV, Milan (IT)
The Seed of Time	October 2015, House-museum The Seed of Time, Altamura (IT)
Resonating Spaces	June 2015, SONAR D+, Barcelona (ES)
the Infection	February 2014 - Het Wilde Weten, Rotterdam (NL)

Introduction

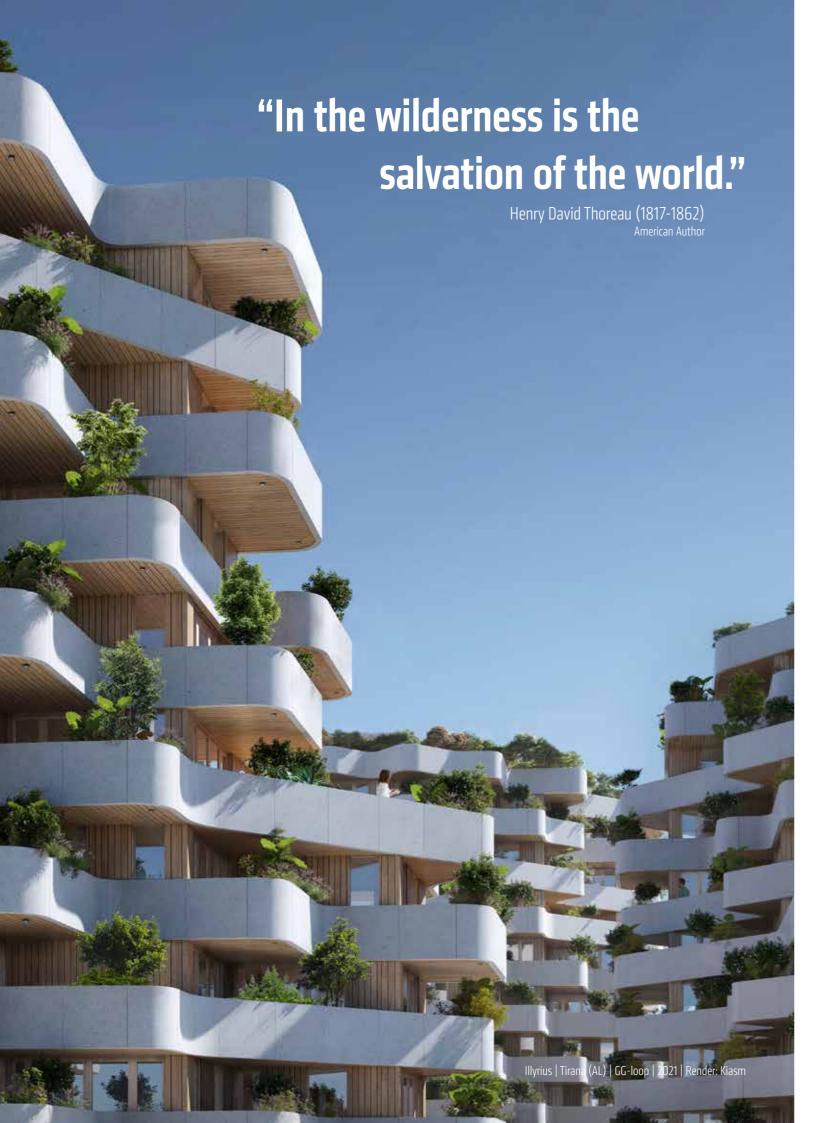
The need for healthy spaces has hardly ever been more apparent than during the current global condition. The current efforts to reduce the negative impacts of buildings are inadequate. Therefore the built environment must be designed in a different way.

To bring **regenerative** collective habitation and mixed-use to all scales of development, Amsterdam architecture practice GG-loop uses parametric design tools and BIM technology to design, manifacture and build biophilic and user-centric architecture.

GG-loop aims at creating regenerative ecosystems with a positive ecological footprint, balancing the technical benefits of an environmentally conscious construction with the qualities of an organic and **healthy environment** in which its residents coexist harmoniously.

With its **biophilic design** principles, GG-loop operates at diverse scales, ranging from furniture design to off-grid single family detached houses to high density mixed-use urban developments to master plans. Each project consists of experiential objects and spaces that respect both the environment and its direct users, reconnecting both in a balanced ecosystem.





Mission

Due to the global condition, the built environment must be designed in a more holistic and environmentally conscious way. GG-loop's goal is to develop an architectural solution that "gives back" to the Planet and can serve as a benchmark for the real estate and urban development sector.

By involving stakeholders in the entire decision-making process, GG-loop encourages dialogue between stakeholders and clients in order to work together towards maintaining **resilient community** and sustaining its long-term goal of conservation, self-sufficiency and regeneration.

GG-loop' vision is to deepen the understanding of the relationship between the built environment and Nature, to raise awareness and sensitize both professionals and the general public regarding the importance of biophilic architecture as an answer to the current climate condition.

Sharing the same vision as international Real-Estate Developers, Clients and Consultants, GG-loop works to inspire and provide healthy sustainable living communities and **net-positive** impacts on ecology and society. By working with the natural environments rather than against it, the natural balance and health of the planet can be restored.

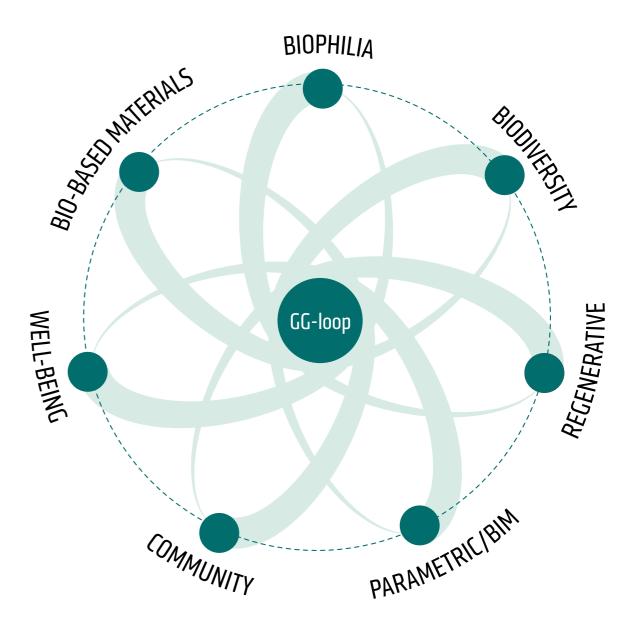


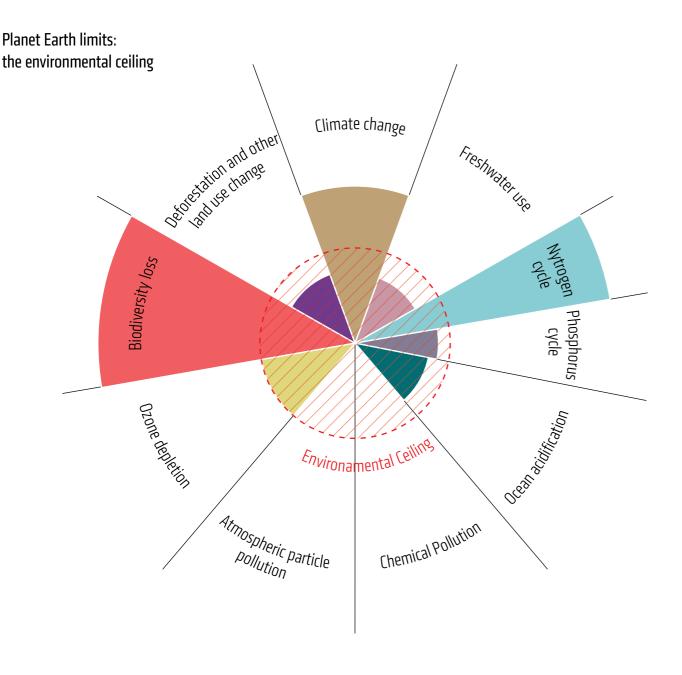
Strategy

GG-loop developed a design strategy that responses to the current global climate condition and rising world population.

- GG-loop follows a holistic **biophilic approach** and builds ecosystems where users and dwellers experience a unique way of living and fulfil their innate desire to reconnect with nature.
- **Biodiversity** relative to each project's location is restored, allowing residents to coexist harmoniously with Nature in order to strengthen the quality of their life and of their surroundings.
- GG-loop embodies a **regenerative** design process, focusing on creating resilient and fair systems that integrate the needs of society and of nature. The goal is to achieve net-positive impact for ecology and society.
- Parametric and BIM tools are developed in order to generate optimized scale and process of each project based on the specific conditions on the given site and the needs of all the stakeholders.
- GG-loop supports **community making** with facilities that encourage social cohesion and create a community culture of "proenvironmental" practices.
- **Health and well-being** is fostered through careful material choices, flexible layouts, organic interiors and large outdoor spaces.
- GG-loop uses **bio-based** building materials, such as CLT (cross-laminated timber), that sequesters CO2. The building techniques are environmentally positive and the processes are optimised in order to improve construction efficiency.



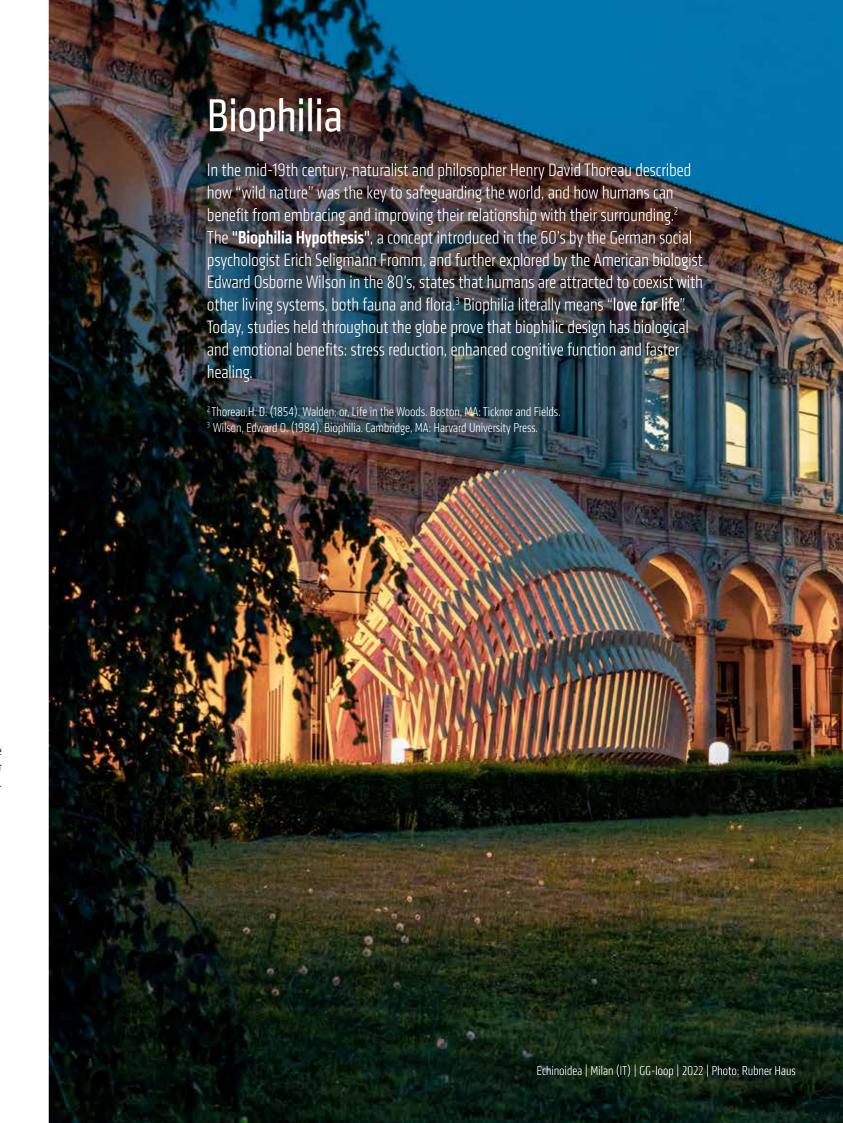




Svedin U. (2012). "Global conditions for the future of agriculture in the Anthropocene." A planet for life. Retrieved 02 November 2020.

Anthropocene

In the 80's, biologist Eugene F. Stoermer coined a specific name, **Anthropocene**, for the current geological era (-*cene*), attributing the main causes of this change to man (*anthropo*-). The term over time has taken on an increasingly negative meaning supported by the irrefutable reality of climate change. Given the responsibility that architects and urban planners have, the race towards solutions such as biophilic architecture, has manifested also in the sector.





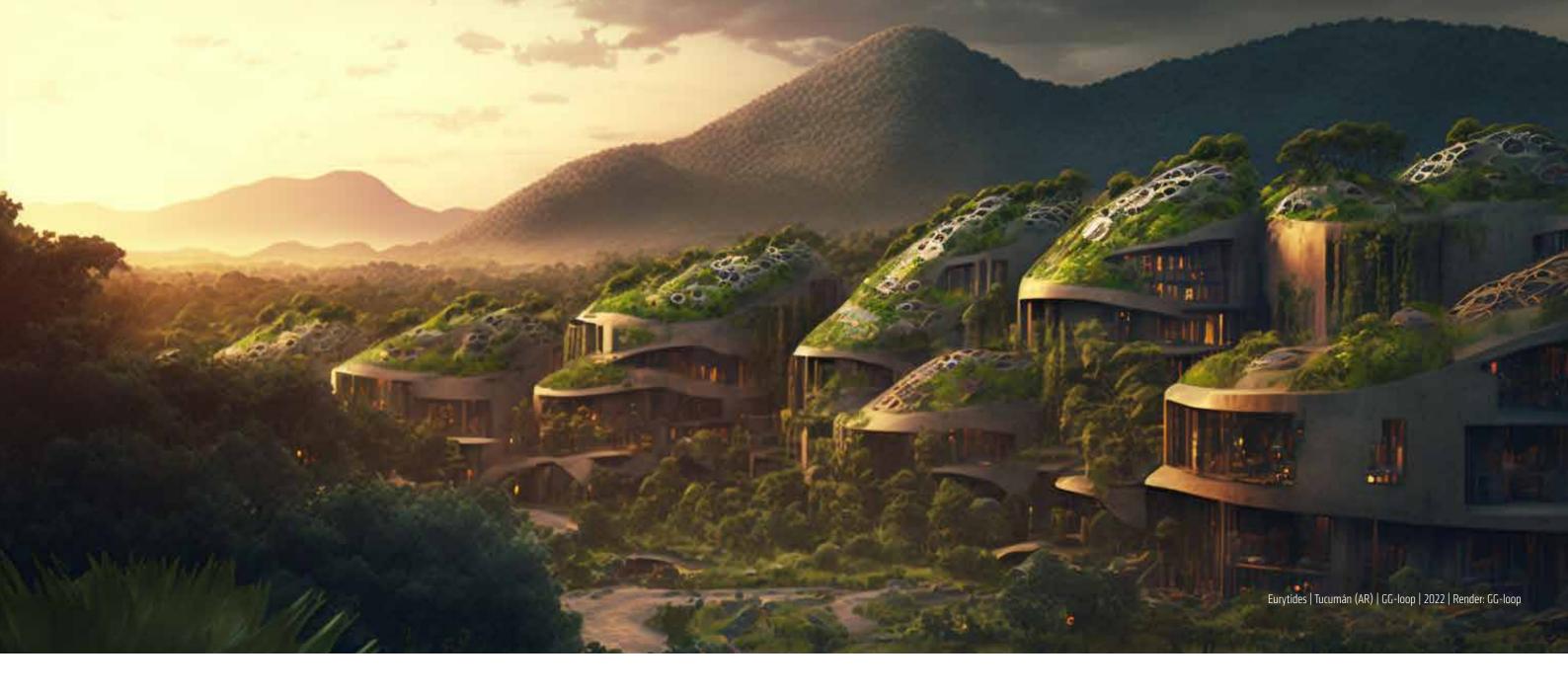
Biodiversity

Enhancement of biodiversity in the urban fabric has a beneficial impact on the quality of life and the environmental education of the inhabitants. Inspired by Singapore's "city in the garden" vision, GG-loop forms "garden cities" by integrating plant and animal life throughout the buildings, allowing inhabitants to coexist harmoniously with the biodiversity of local flora and fauna. Projects are designed to co-evolve with its surrounding, by recreating ecosystems appropriate to the climate, site and residents. In this way, buildings can facilitate the conservation and improvement of the biodiversity that exists on the site.



Parkroyal on Pickering by WOHA | Singapore | Photo: Patrick Bingham-Hall | 2013





Regeneration

In the last decades the desire to reconnect with nature has been manifested in architecture through the integration of **green systems** in outdoor (green façades, controlled vegetation on balconies, terraces and roof-gardens) and indoor environments (patios, green walls, pots).

GG-loop's vision goes further than the integration of just green systems, but rather creates a built environment that restores and nurtures its surroundings, and that serves as a catalyst for positive change.

Being in direct contact with nature has proven to help physical and mental health and overall **well-being**, as well as technical benefits of acoustics improvement, CO2 and urban heat reduction.⁴

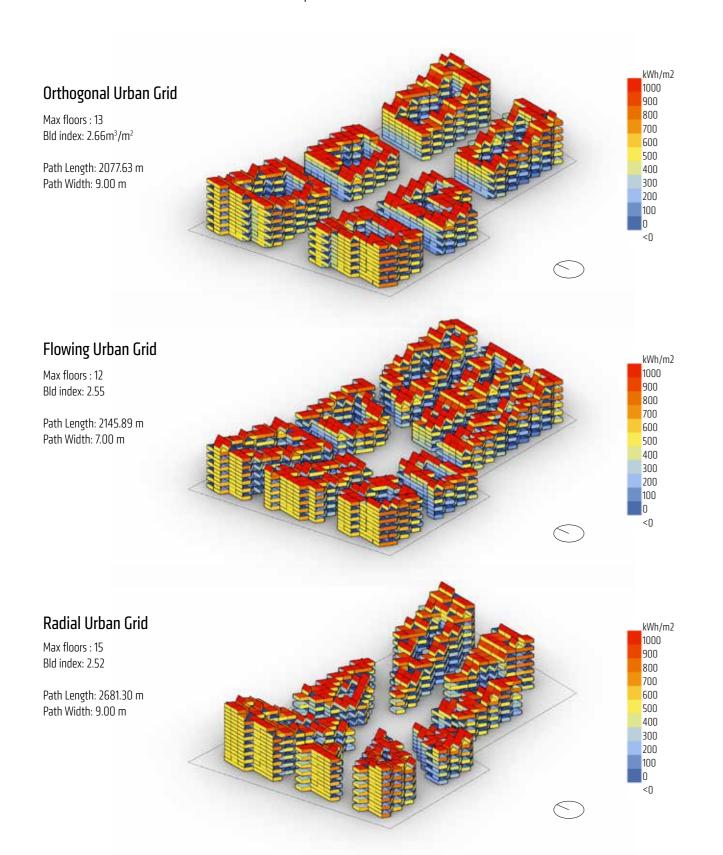
At the Wageningen University (NL), Agnes van den Berg asserts that in compact cities the desire for Nature is not just a rural romanticism but an actual **restoration tool**. ⁵ Robbert Snep, Senior researcher in Green City from the same University, stresses the importance of enhancing **biodiversity** in the built environment listing the benefits of it like social cohesion i.e. ⁶

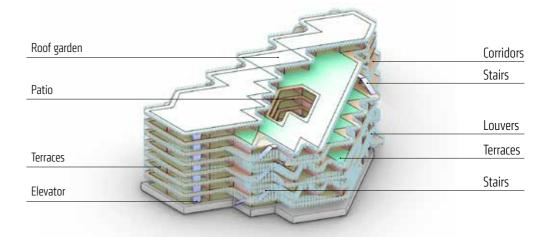
95% Inhabitants in the Netherlands indicate that visits to nature is a useful way to obtain relief from stress (Frerichs, 2004).

Brown, Barton & Gladwell, 2013; van den Berg, Hartig, & Staats, 2007; Tsunetsugu & Miyazaki, 2005.
 Van den Berg, A. E., & van den Berg, M. M. H. E. (2015).
 Health benefits of plants and green space: Establishing the evidence base. Acta Horticulturae, 1093, 19-30.
 Snep R.P.H., Clergeau P. (2013) Biodiversity in Cities, Reconnecting Humans with Nature. In: Loftness V., Haase D. (eds) Sustainable Built Environments. Springer, New York, NY.

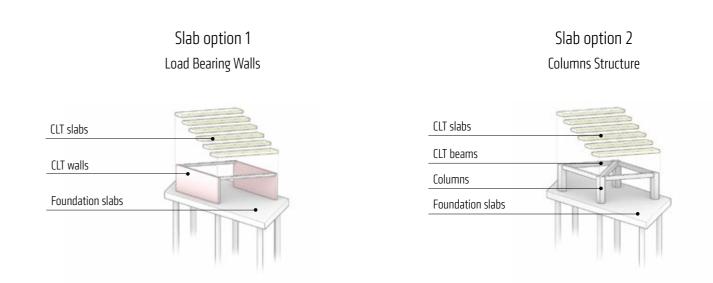
Parametric Design/BIM tools

GG-loop takes into account the calculation and simulation of parameters related to specific conditions of a given site, such as solar radiation, wind impact, privacy, population density, common spaces index, and vertical connections. The example below shows 3 different scenarios offered on a specific site, optimised in shape and scale based on the calculation of solar radiation, circulation and density.











Community

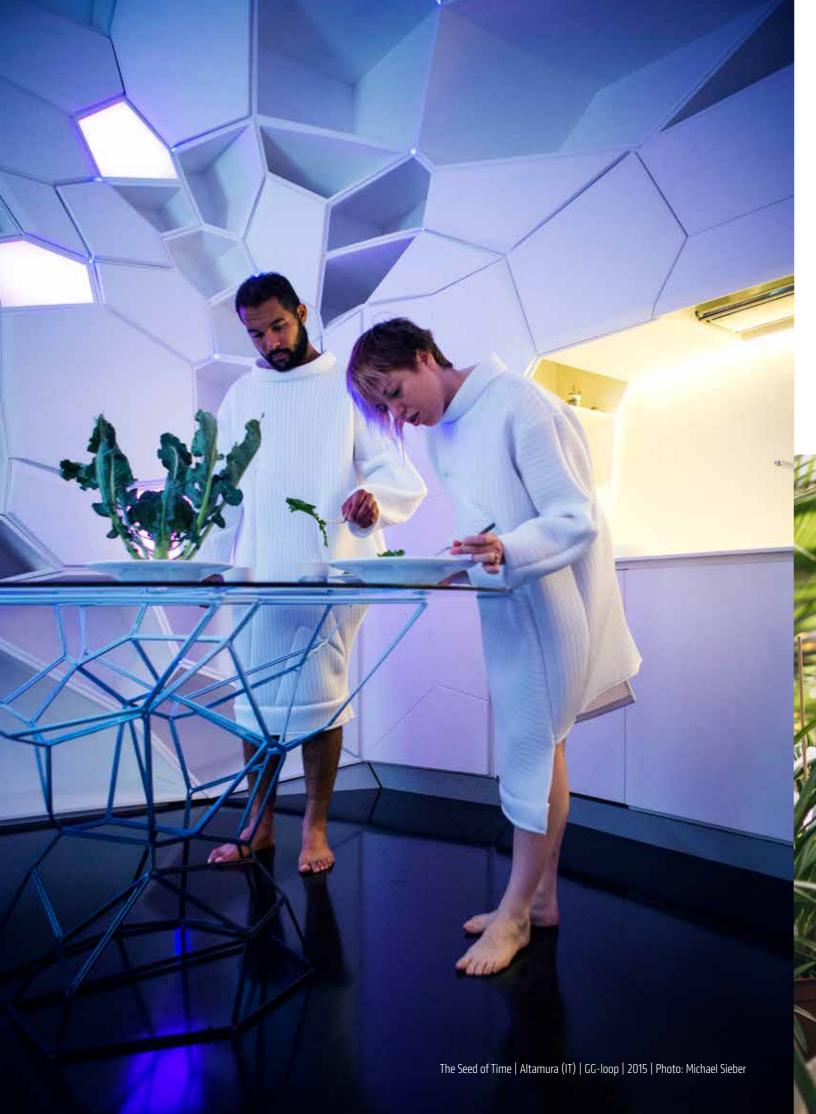
Shared presence is a foundational block of forming **social cohesion**. GG-loop provides a vision of shared spaces and amenities that encourages neighbours to engage in proenvironmental practices and support each other in adopting more sustainable habits. The town of Ostuni, located in southern Italy, is one of the key inspirations for GG-loop's approach. Houses are located around "claustro" that are semi-privately used. Neighbours maintain the open spaces together in the form of gardens and gatherings.

⁷Festinger, L., Schachter, S., & Back, K. (1950). Social pressures in informal groups; a study of human factors in housing. Harper.



Ostuni, Italy | Booking.com | 2020





Well-being

The "Biophilia Hypothesis" reveals why humans have an intrinsic need to connect with nature and other living systems.

GG-loop adopts the 14 principles of biophilic design and articulates the relationships between nature, human biology and the design of the built environment.

Its designs are organic and flexible, providing organic spaces and areas of urban and vertical farming, greenhouses, wildlife corridors and integration of habitat creation, that encourage

shared indoor/outdoor activities among users. Exposed to green shared areas, tiny forests and gardens and nature-inspired interiors, dwellers can benefit from the direct and indirect connection with nature. By applying elements of nature and providing available renewable resources in shared facilities and infrastructures of community living, dwellers can create a culture of **pro-environmental practices** and share their expectations of sustainability, creating healthier environments and improve social interaction.



Bio-based Materials

Wood remains one of nature's most regenerative and adaptable materials that can be harvested. Because it stores CO2 rather than producing it, wood is one of the most environmentally friendly materials used for constructions.

Therefore GG-loop often uses prefabricated CLT, a type of composite wood material derived from advanced engineered timber, and other bio-based materials, such as natural fibres for insulation, wax and water-based paint for coating, bio-resins for flooring.

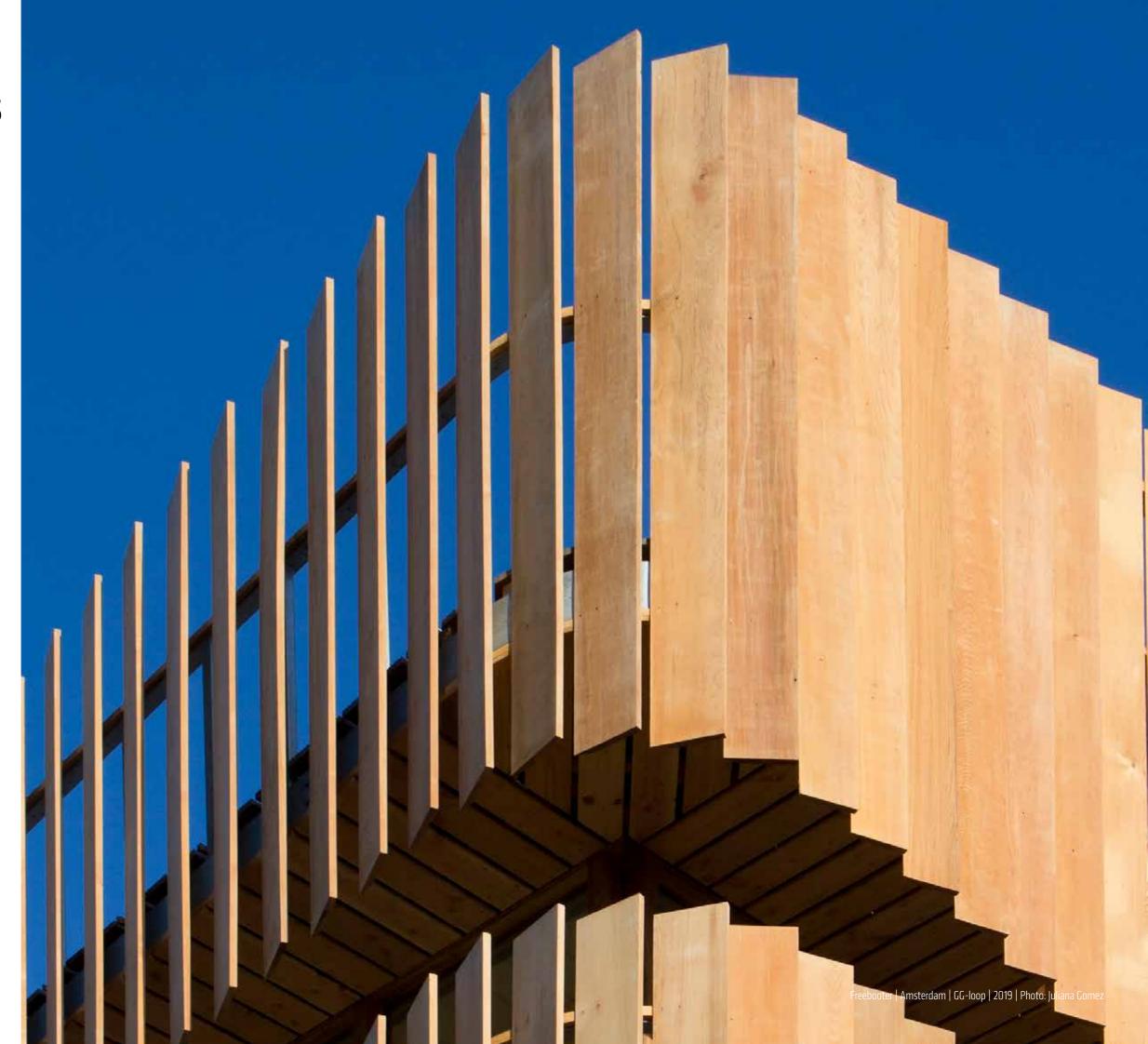
Depending on the design scale and client request, hybrid construction solutions are adopted, such as CLT + concrete and/or steel or recycled concrete. **Lightweight** and easy to assemble, prefabricated elemensts speed up **construction time** and reduce risks and worksite's general impact on its surrounding.

This solution translates also into cost efficiency.

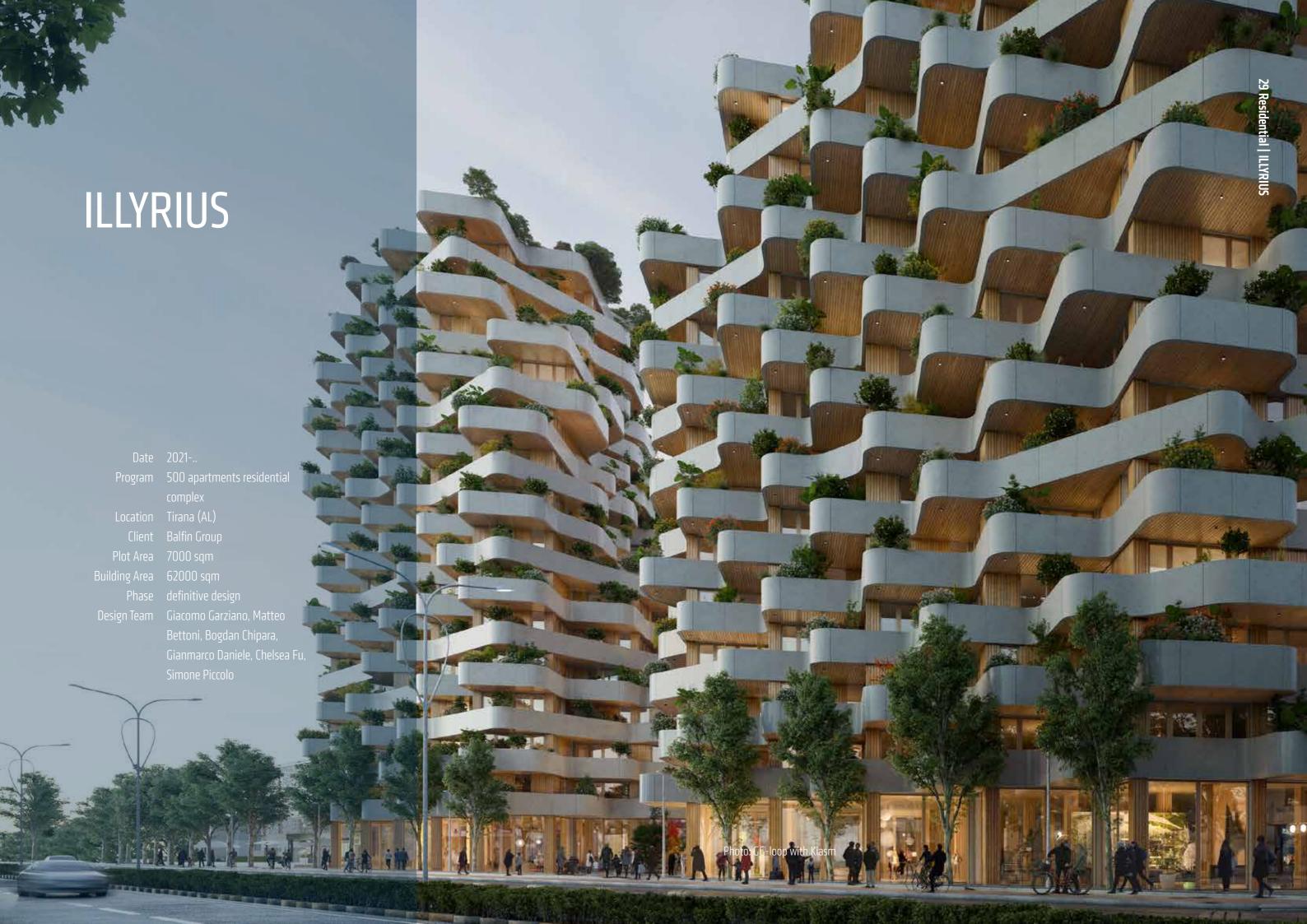
Using natural materials in internal spaces, helps decrease occupant stress, contributes to a comfortable internal climate, and can reduce exposure to high vapour pressure indoors. GG-loop not only considers the outdoor and indoor environmental quality, but also the logistics and suppliers. The materials we select are naturally sourced and certified by the Programme for the Endorsement of Forest Certification (PEFC) and Forest Stewardship Council (FSC). GG-loops' design follows rating programs such as WELL Building Standard and Living Building Challenge.

GG-loop constructs net-positive built environments that produce more energy than they consume and use resources in a circular way.

⁸ Hough R. (March 2019). Rethinking Timber Buildings: Seven perspectives on the use of timber in building design and construction. Arup, Retrieved 19 October 2020.



PORTFOLIO





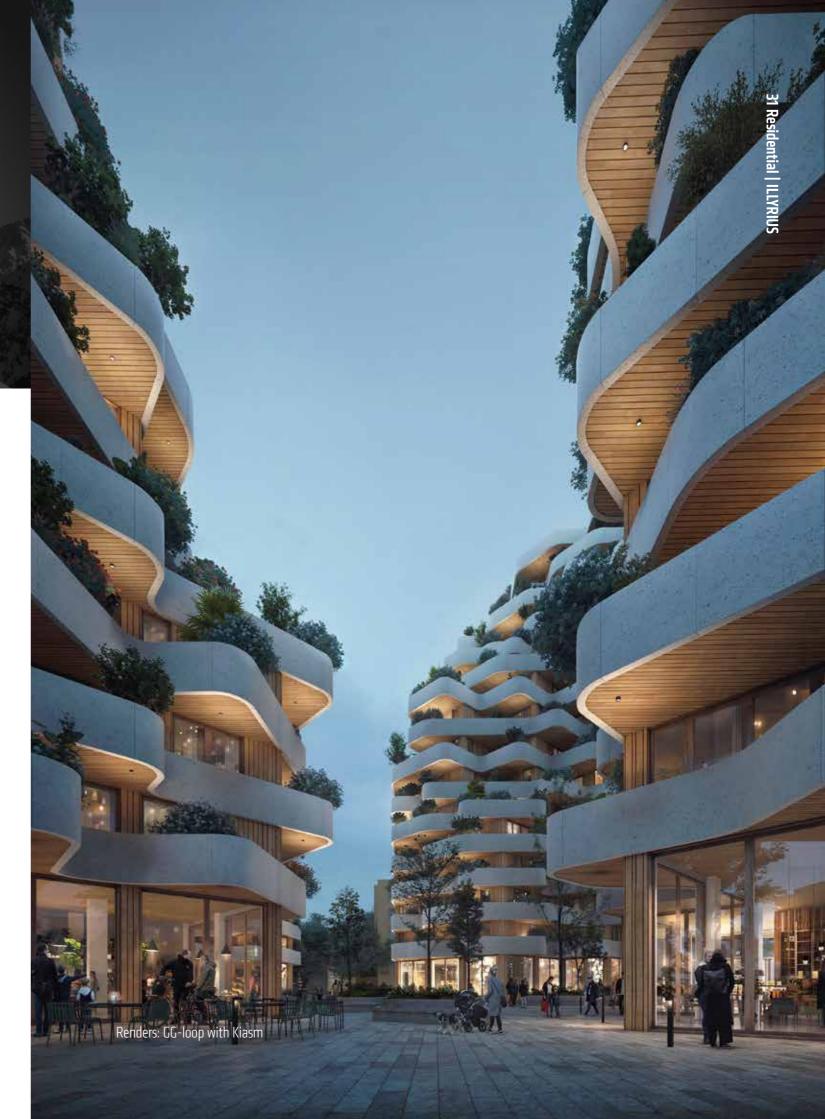
Illyrius was born by the request for a high-density residential project just outside the first urban circle, on an empty lot on the Rruga Dritan Hoxha artery, which connects the city center to Tirana International Airport, and to the coast of the Adriatic Sea. To the ambitious brief, GG-loop responds using the parametric tool "Mitosis" launched in November 2020.

The determined solution consists of 4 compact towers, tapered in a way that allows optimal light conditions in the courtyard and in the towers' apartments.

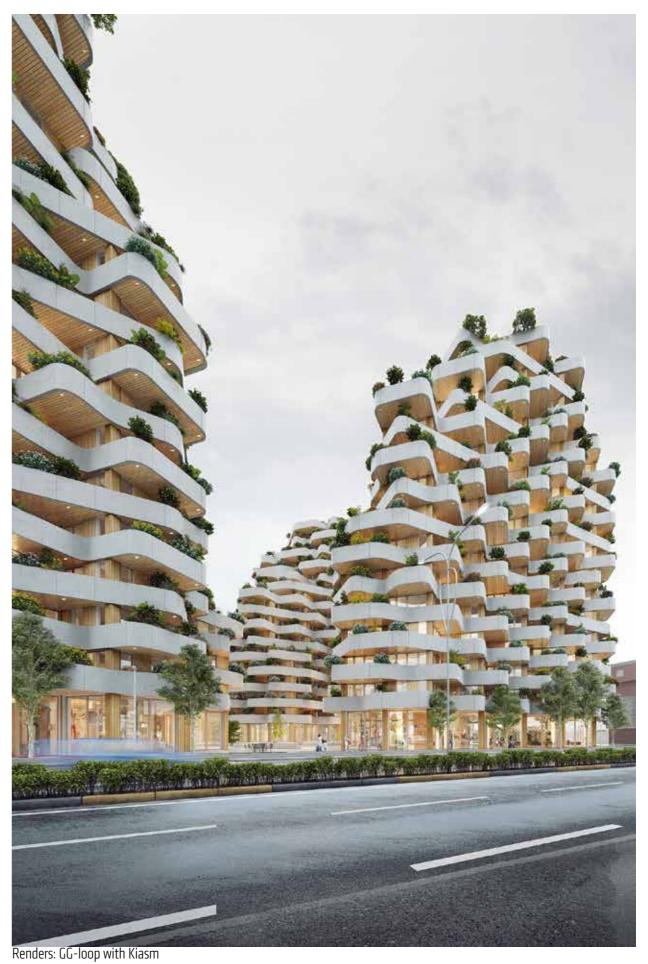
A modular and parametric system of generous balconies and terraces extends the apartments outwards and integrates greenery into the building. A system of continuous balustrades composes the façade in an organized way allowing a constructive optimization guaranteeing an organic, dynamic and aesthetically ever-surprising effect.

The 4 tapered towers refer to the mountain range while the natural cladding materials used on the outside, wood and stone, reflect the colors of the Maja e Thatë mountains.













The archetype of the natural refuge, of the primordial and innate need for shelter is the starting point of GG-loop's design investigation with Rubner Haus for the INTERNI Design Re-Generation exhibition.

The "Primitive Hut" is the concept introduced by Vitruvius who explores the origins of architecture and the anthropological relationship between man and the natural environment as a fundamental basis for the creation of architecture.

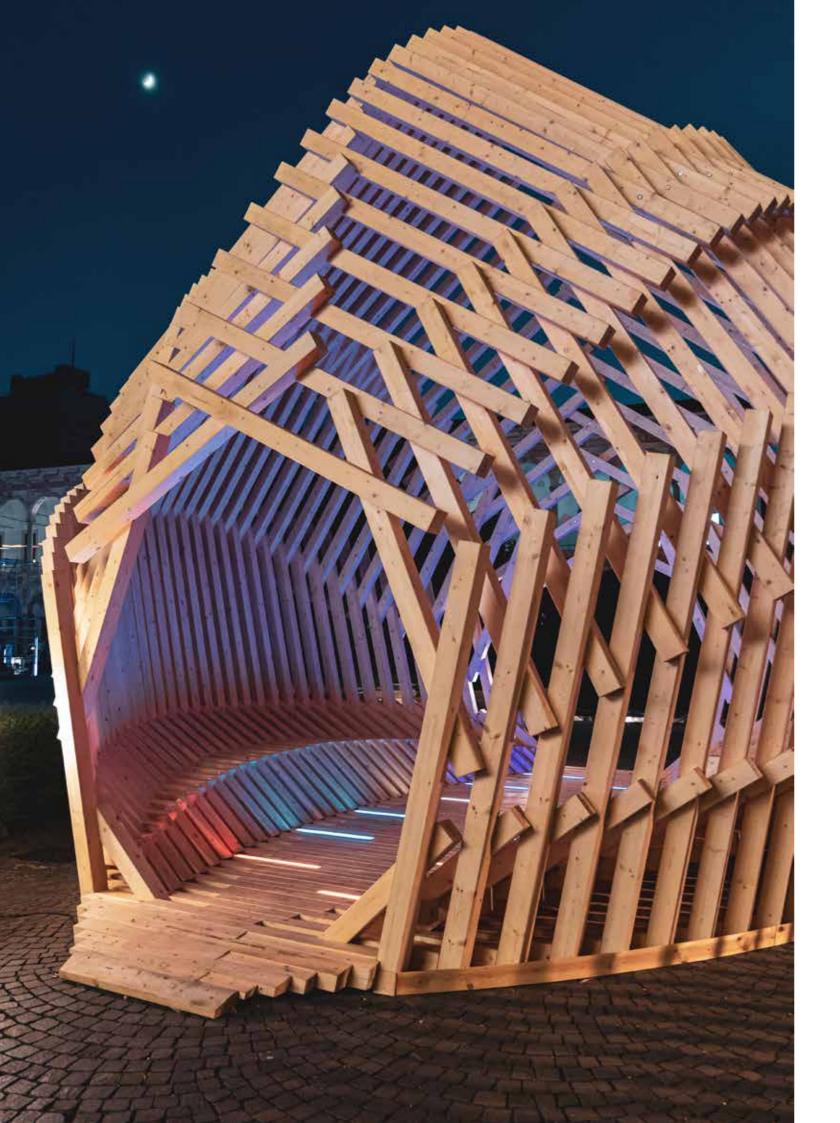
In his "An Essay on Architecture" (1753), Abbot Marc-Antoine

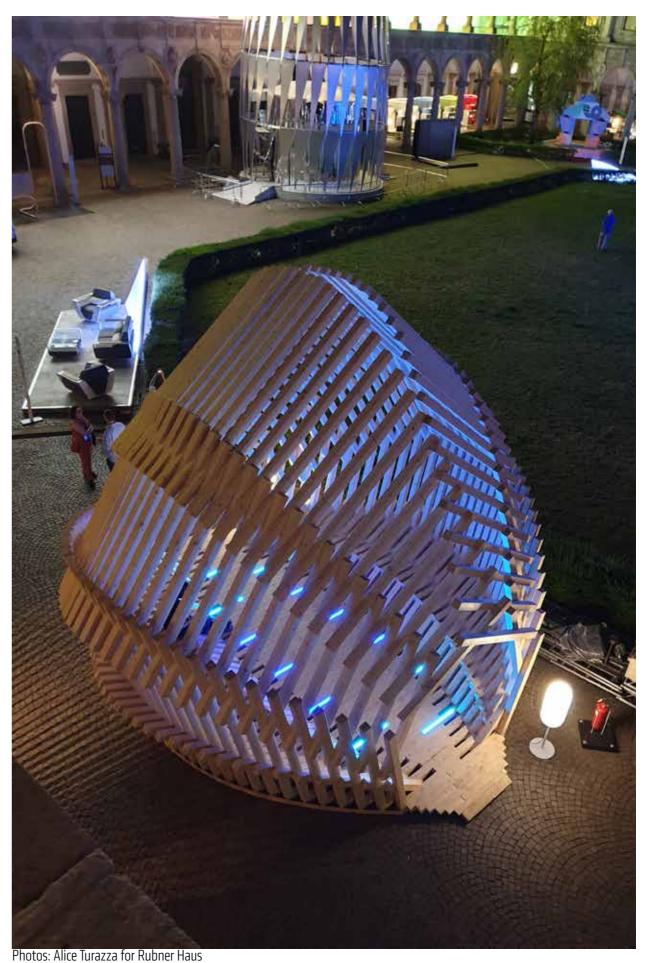
Laugier stated that the ideal architectural form embodies what is natural and intrinsic, providing an allegory of a man immersed in nature from which he draws his need for shelter.

"Echinoidea" is an interpretation of a natural, organic space, whose function is the archaic one of the shelter. It is a versatile modular wooden shell with a 6x6x6m footprint, which offers visitors a contemplative, enveloping experience of refuge in their own cocoon, allowing them to have a different perspective of the courtyard of the Statale, enriched by privacy and protection.

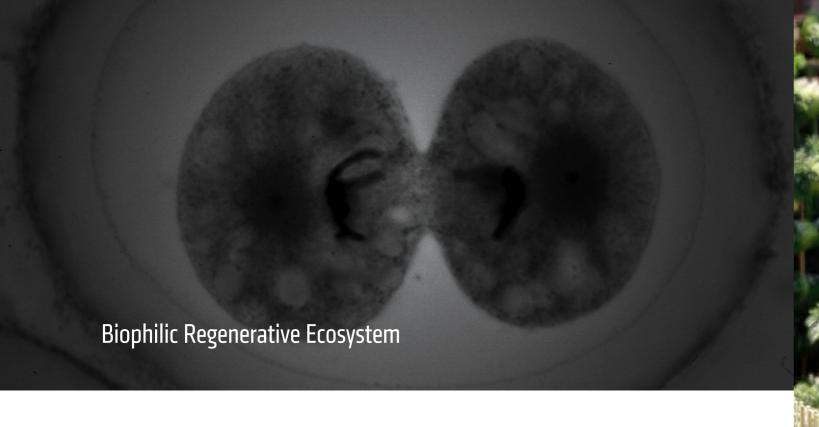












Mitosis is the first development of the modular biophilic residential system born out of the research held during the design of Freebooter. Mitosis is a process where a single cell divides into two identical daughter cells.

We used this reference as a source of inspiration to conceive a timber, energy active, flexible co-living ecosystem where each residential unit coexist sin symbiosis with all the others.

Hence Mitosis is a parametric design tool applicable to diverse urban scales, ranging from single family unit to high density

housing

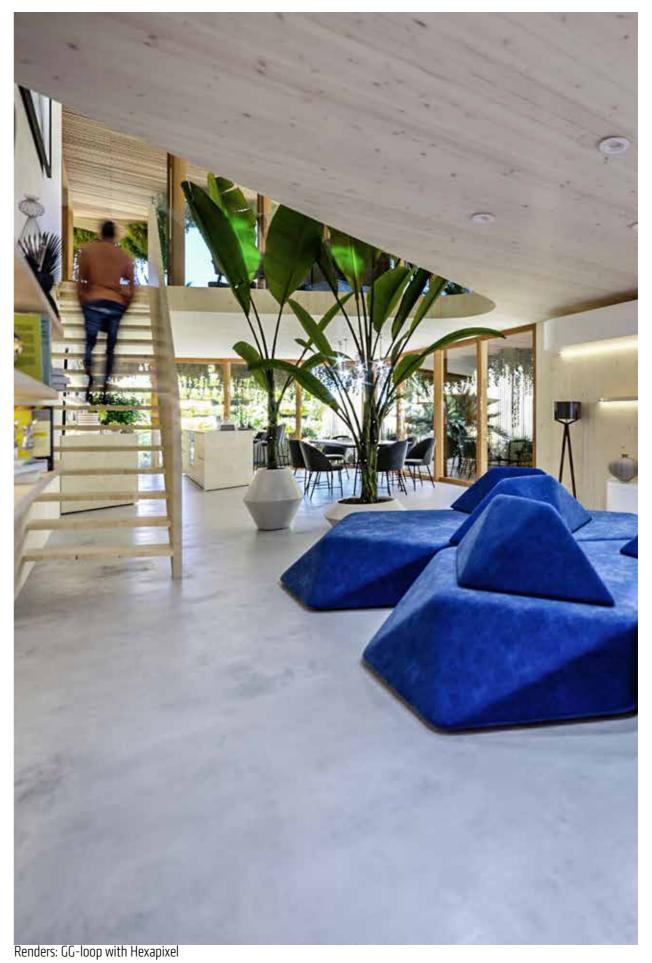
Our built and living environment should not only be 'green' in terms of materials, construction, and energy efficiency features, but should be made of healthy and productive spaces to help us reconnect to nature and in which wellbeing is fostered.

Mitosis is a response to that; as biophilic design is the key to truly innovative design, balancing the technical aspects of environmentally conscious construction with the qualitative, lived-in experience of an organic and natural space.

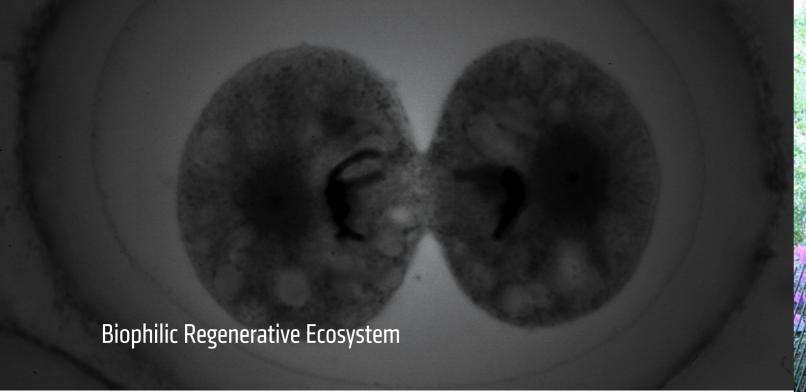








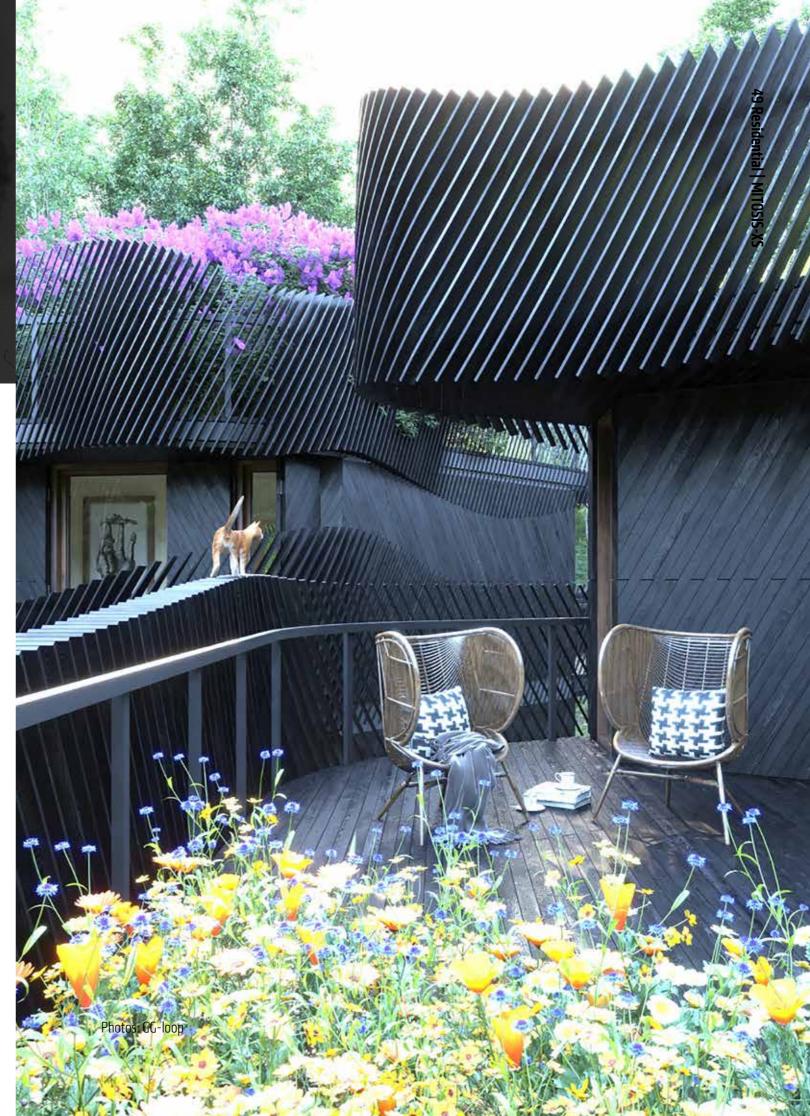




Due to its flexible structure and grid formation, Mitosis is able to host a variety of typologies that are customizable to the resident's needs. It is applicable to diverse urban scales, ranging from off-grid single family detached houses (30m2 up to a quadruplex 120m2) to high density mixed-use urban clusters that incorporate public functions such as education, leisure, wellness and retail.

Mitosis generates experiential spaces that respect both the environment and its direct inhabitants, reconnecting both in a balanced ecosystem. By accommodating for all sizes, typologies and performance levels, Mitosis moves beyond the basic concept of sustainable design and shifts towards a design that focuses on producing net-positive impacts on the environment.









Photos: GG-loop





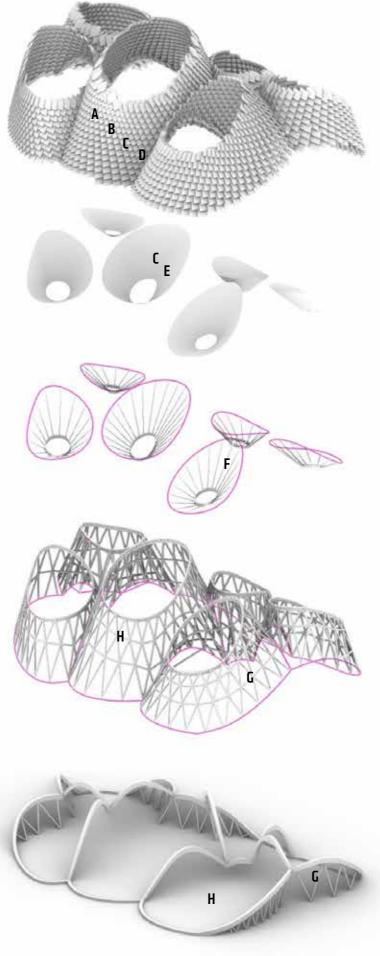
Started in 1960, Floriade is a horticultural show held in the Netherlands once every 10 years. "How can you make a densely built city greener, funnier, liveable and sustainable?" This is the question Floriade tries to answer for the 2022 edition of Almere.

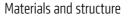
Our entrance to the pavilion responds to the brief with a biophilic approach: a completely biobased pavilion made up of 6 domes hosts 10 different exhibitors in an organic way integrating the exhibition with a typical landscape of the local wetlands.

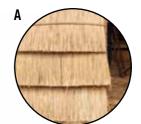
The main structure is made up of a grid of wooden poles, intertwined with CNC milled joints. This structure is covered on the inside with a fabric of algae covered with mycelium. The facade / roof is covered with reed panels as in the local tradition.

When the design brief clearly requires innovation it triggers us to come up with a bold statement! A wonderful team of innovators produced the design of a 6-domes bio-based pavilion, which was a shortlisted entry for the Floriade 2022 edition.









Façade panels from reed



Possibly supplemented with versions of Sedge, Cattail, Seaweed



Mycelium coating for facade panels and seaweed roof outlet finish



Biobased sheet material inside facade panels



F

Roof funnel construction of willow bundles



Diagrid & plinth construction of round wooden poles in combination with parametric CNC machined connecting elements



CO2 absorbing Olivine soil paving





More than 100 years ago, Zeeburgereiland was born from the sediments of the river lj to host the Dutch Navy. This area became a watershed of the river lj splitting it into North side and South side.

Long before that, when the lj was one, this water hosts the ships which were prepared to sail the oceans. These years sets the Dutch hegemony on a global level, the Gouden Eeuw began after 80 years of war to set the country free.

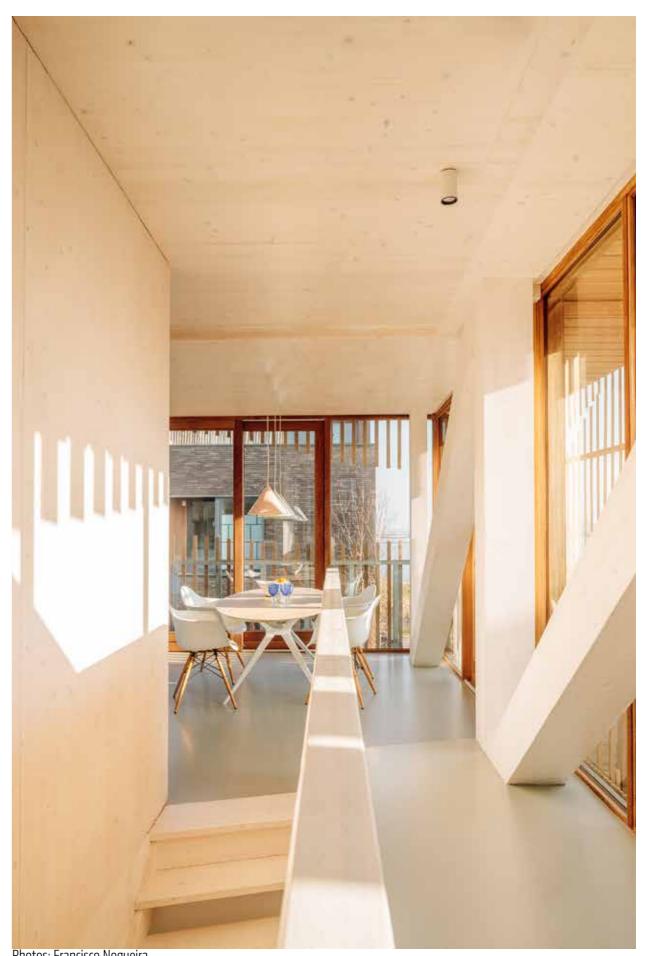
Piet Hein was a commander of the Dutch navy, a privateer and considered also a freebooter. His ships were beautiful and its navy strong. They defeated all the opponents and made the Netherlands the one of the most acclaimed countries in the world, for art, military, industry, science, wealth.

On a land that belongs to this water, a new ship is about to be built.

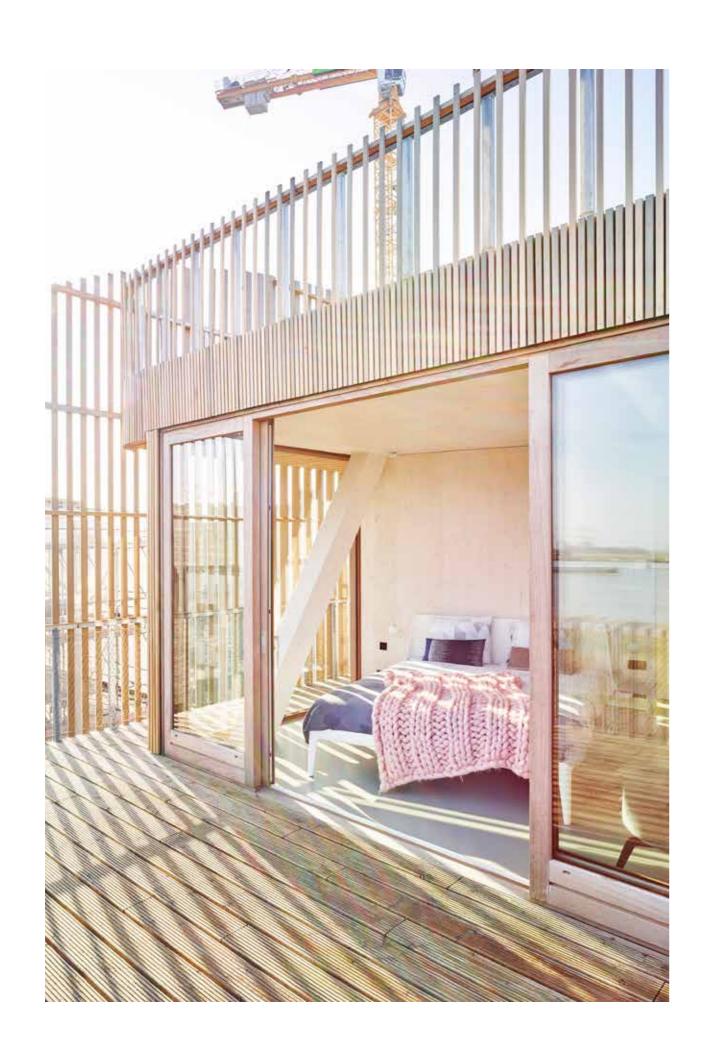








Photos: Francisco Nogueira









Along with Woonpioniers, H+N+S landscape architects and Revolution Development, GG-loop developed GRASP: an innovative 'footprint calculator' for the small or large-scale development of residential programs and habitat. GRASP provides an interactive and visual insight into the complex footprint of building and living, based on scientific facts, for all parties involved in the development process. In this way, it shows in real time what are the outcomes of certain choices and how

they are interrelated.

GRASP is part of the approach that we have developed within the project: Landlink, which focuses specifically on the development vision for agricultural businesses (VABs) and tackles a number of major social challenges as a catalyst: climate change, the current environmental and agricultural issues, the energy transition, aging, isolation and the lack of housing in the Netherlands.

LANDLINK IN PRACTICE "The current development of heirs is mainly for the happy few; living in the landscape is possible, if you pay a lot for it. We say: 'Living in green spaces FARMER STEE FARMER CIEL "After an intensive but beautiful is possible, if it provides an integral, permanent link with the land and an Condink's land proces, the time had cone and t inclusive housing program." ne to equal the hedito a suif any land to Landinik. I was paid after away. This is a fuge in my own toose in the end. I am especially happy for my favoring ound the farm. I welcome | primpetive again." New with pade The effect of the 5 land-linked VABs on the landscape The situation now ARMER ROSE Thave for lever unerall now, but I can let next graze heely within Landlink all year used in the now nature that has been nated. I sell all the broach's most on the Datch market, for a much better orke. whence the midnes of Leidon



INVESTEREN IN HET LANDSCHAP

Een peiler van Landlink is dat dankzij Een peiler van Landlink is dat dankzij (terugkerende) opbrengsten vanuit de critwikseling van een VAB-locatie, op een samenhangende, regjo-specifieke manker blijvend gelinvesteerd kan wonden in het landschap. Dus over de grenzen van het bowwblak hoen en niet eeemelig. Concreet vertould noer ans skullingebied in Hitvarenbeek betekert dit bijvoorbeeld, de revielsorie van oorwezige besklopen en daarnee het vernatien van de boden, het creëren van biodiversiteit en het aanpleeten van houtwellen.

Hiervoor is ruimte nodig, grond, die logischerwijs veelst in bezi is van omringende ograriërs. Die ograriërs zijn vaak zelf juist ook op zoek noor ruimte, ofwel om te kunnen tota op zoek noor runne, over om er unbel intensireren, moor net zo goed om rendobel fe kunnen extensiveren. Doorwaast leggen factoren zoals milleuhindercontovren astro ruimtelijke restricties op.

VAN BUILEN KOMT BUIMTE

Wonneer we nu met die ogen noor de integrale cetwikkeling van een VAB-locatie kijken, moeten we de niet als opzichzelistaand "project" sies, meer oen te beginnen als een lokad "rukritespel" trasen alle betrakken grandeligenaere. En juit dit spel, it den van onze condusies, zal de impact van Londliek cilieten maar ten goede komen. Hel is de welkome affrag van een nuitverslavelingsproces wear een hoop partijen boat bij hebben.

Vragen die hierbij opspelen zijn: wie begeleich dir procesit Hoe wordt het proces. begeleid dit procest fibe wordt het proces, en hoe worden aanleg en beheer van de opwoordering van het leudschap betesdif! En vie kan en mag zu'n VAB-loodle ochekkeleelt Kort gezeg zien we een sleetel in het oprichten van een fonds, het "Landliek ortwikkelfonds" (LIOF). Een landelijk operezend ongoen dat de ideele doelstelling, heeft middels duur zonse woringgortwikkeling in het buitragebied de impols voor een gezond agrarisch system en een verrukkelijk landschop te geven.



WAT IS DUURZAAME

Wat is een "duerzome" monier van bouwen en leven op een VAB locatief Wat zijn intelligente monieren om in het landschap te investeren? En welke verdiermodellen lever tijt op voor In welfar wordermodellen lever tilt op voor-het agrarisch systeen? Duarzaanheid wordt, merten we in om werkreid en doorbelen, makkelijk tot derdimensionale ingrepen gereducerdt. Maar alles slaat nouw net elkoor in verbinding en we hebben vond one alkreerste ideeln de noddaanst gevoeld met Lordlink meer grip te krijgen op complese verbonder.

EEN INTELLIGENTE APP

Doortoe hebben we in de uitwerkingsfase Dourte hebben we in de uitwerkingsfase de bets vertie van een simulatiemodel gemocht. Deze interactieve applicatie model, op bosiv van wetenschoppelijke festen, de milieu impoot van het bouwes van waringen in het leven in die woningen, op een ruimelijke moder inzichtelijk. Vervolgens wordt die impoot vertoold naar mogelijke gebiedsgerichte ingrepen om een gebolonseerde en klimaatneutrola onvikkelin he recliseren. De oop vingeer zo als sin en orsatief staringsjinstrument voor het Landlinkontwikkelinam en ontverpers.

tekentafel, zien we in de app een heel krachtig bewustwordingsinstrument antstaan. Een manco bewartwordingstratument carbons, cer manus over projectionaries and uncompensate and nu wordt utgevoerd is vock de expersoonlijke, chartocie lang warenp die zich ofspiest. Dez opp kon just, op een varfingde en teatbore marier, de directe mälau-mood van menselijk hondelen op een, voor alle betrokken portijen, begripelijke manier ristichtelijk noken. Om vervolgens niet ver van ons bed moor heef falsted de value mootbesalle te seemen.



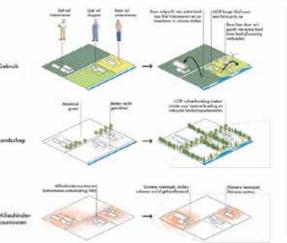
SAMEN RUIMTE EN WAARDE CREËREN

"Deze aanpak kan de ruimte en vooral ook het draagvlak onder lokale agrariërs en politici vrijmaken om op een duurzame manier betekenisvolle woonprogramma's op VAB-locaties te ontwikkelen en daarmee landschapsherstel mogelijk te maken"

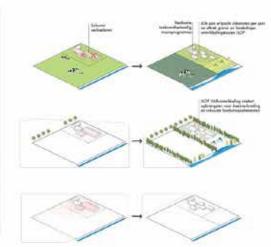
WERKING LANDLINK FONDS

DRAAGYLAK

RUILVERKAVELING GEBIEDSNIVEAU



RUILVERKAVELING: INZOOM ERF

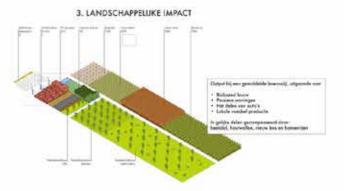


DIEP INZICHT IN EEN COMPLEXE BALANS

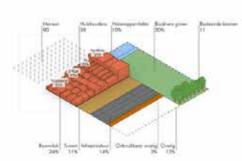
"Onze interactieve applicatie maakt, op basis van wetenschappelijke feiten, de milieu-impact van het bouwen van woningen én het leven in die woningen, op een ruimtelijke manier inzichtelijk"

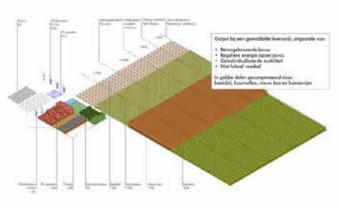
1. INVOER STAPPEN

1.200



2. RESULTAAT ERF NIVEAU





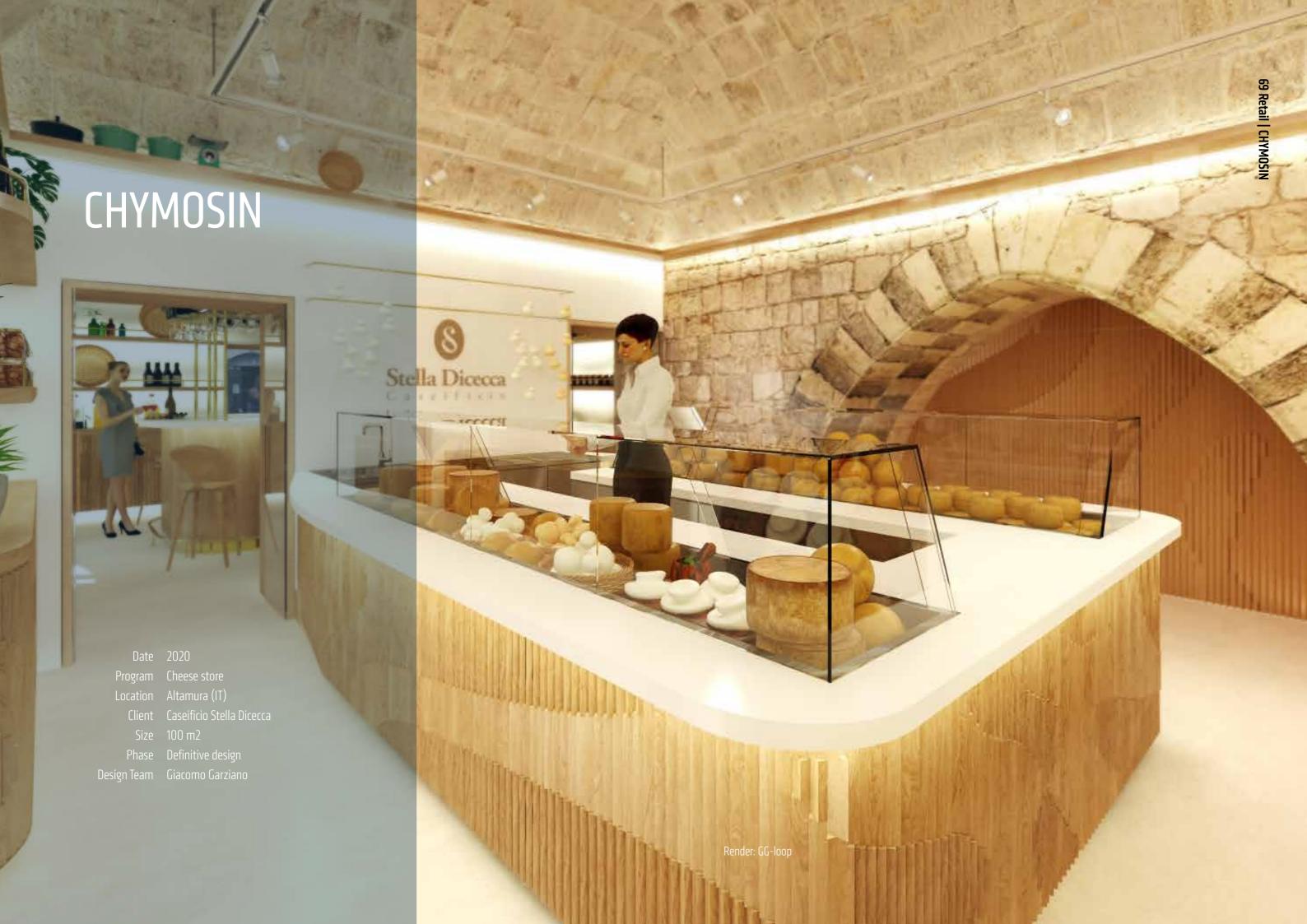


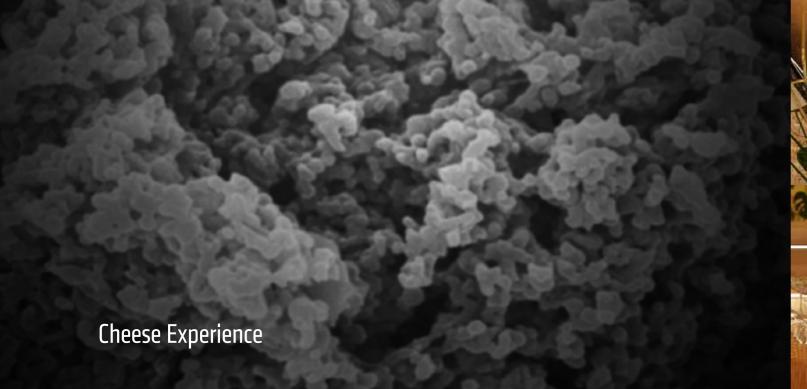












In the historical heart of the Apulian city of Altamura, a piece of hidden history came to light.

Informed by the traditional yet innovative cheese making process of Dicecca's family, we responded to the client brief by conceiving the space as a family portrait through the 4 different generations and expertise. By experiencing the sequence of the adjacent rooms, the customers and the visitors are brought onto a gastronomical journey through the family's and the city's history.

The predominant use of wood reflects the environmentally conscious approach of the client, who creates its products in great respect of the local flora and fauna involved in the production process. A fluid pattern, reminiscence of the most important chemical ingredient and process of the cheese production, the "caglio", recurs over all the vertical surfaces of the interiors enveloping the users in a warm embrace.







Date 2018-..

Program Sculpture for PARK 21
Location Haarlemmermeer (NL)
Client City of Haarlemmermeer

Size 25x40xH21m Phase Preliminary design

Design Team Tom Claassen, Joan Almekinders,

Giacomo Garziano

Engineers Arup

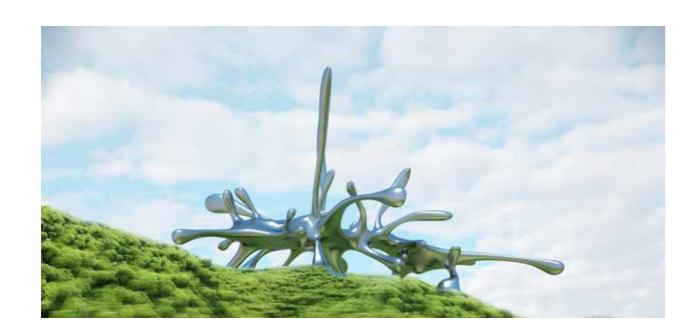


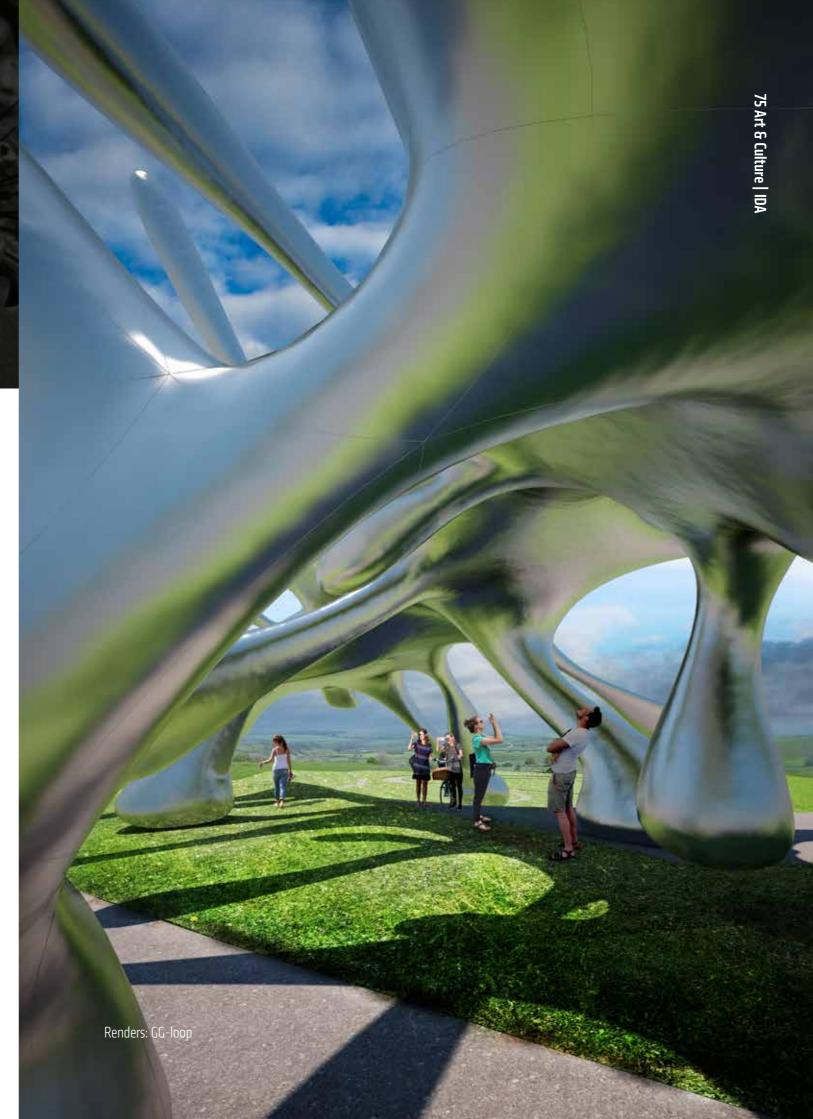


The municipality of Haarlemmermeer decided in 2012 that art should be shown from the airplane between Rijnlanderweg and the railway, near the planned festival site, in the current development of Park 21. An independent art commission chose Ida, the work of Tom Claassen.

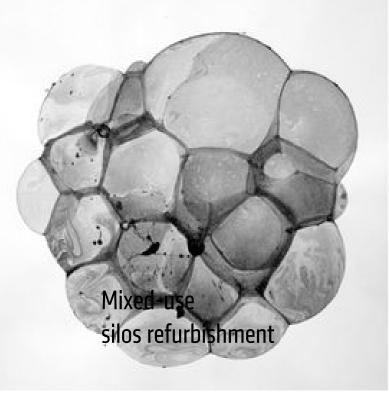
Ida is named after a former loca farm, is inspired by the struggle against the water and the bulbs of the polder. The sculpture is made of 800m2 of polished stainless steel and will be assembled on top of a 18m high hill within the next 3 years. It is an abstract image, dynamic, landscape, with its own identity and character. The image is the middle between an animal that has crawled out of the water on the land and a futuristic structure and is of an appropriate size at the scale of the environment.

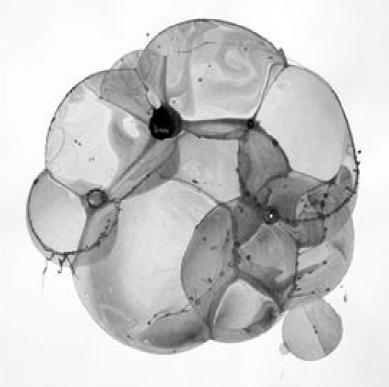












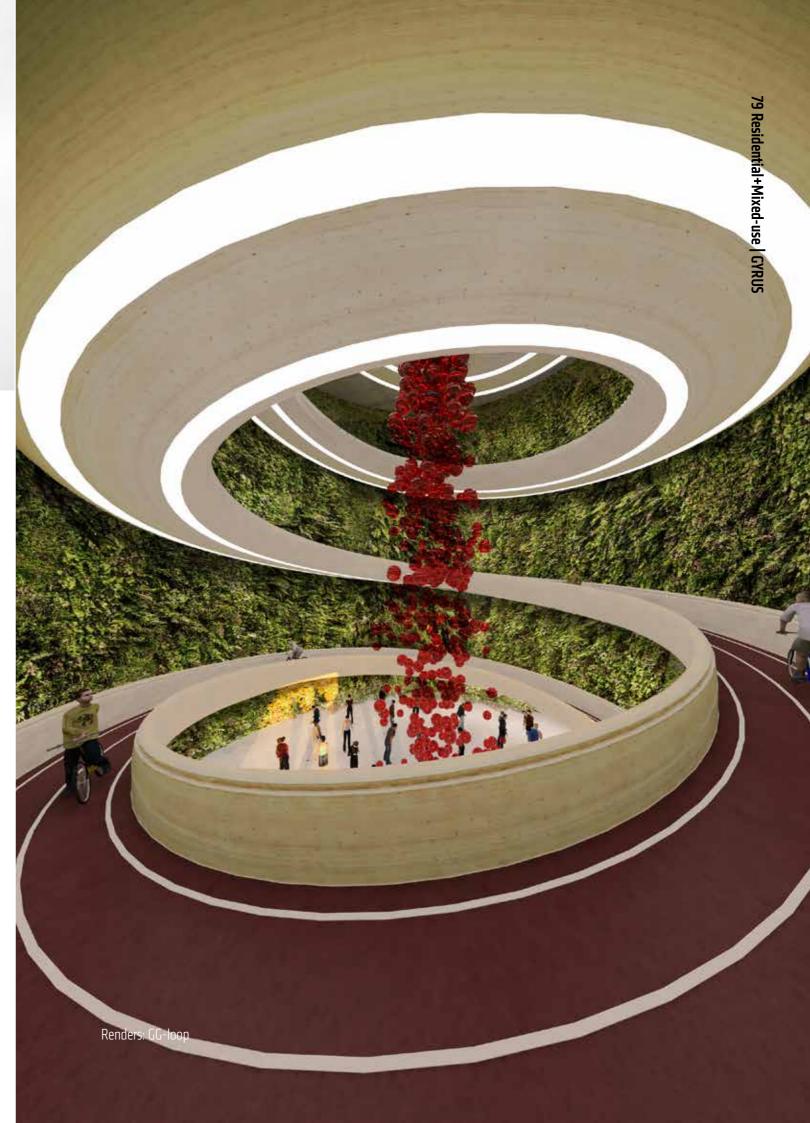
We envisioned our own bike-centric solution to re-use the 3 concrete cylindrical voids. A mixed-use extension up to 40mt high with a balanced program of education, leisure and culture combined with hotel, horeca, offices and retails, in which the bike is a center point and the main means of interconnection throughout the whole complex.

A biophilic addition on top of the 3 silos contains most of the dedicated program and is reachable from the ground thanks to

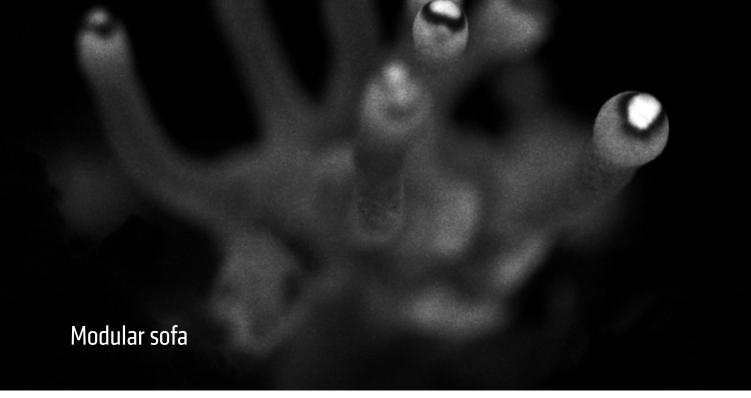
spiral bicycle paths that aim to preserve the current status of the silos and enhance the experience of the bike-riders throughout the only historical remains of the previously industrial area on Zeeburgereiland.

Our proposal is not meant to be realized but it is part of our ongoing research on new mobility, enriching a larger vision of biophilic urban ecosystems.









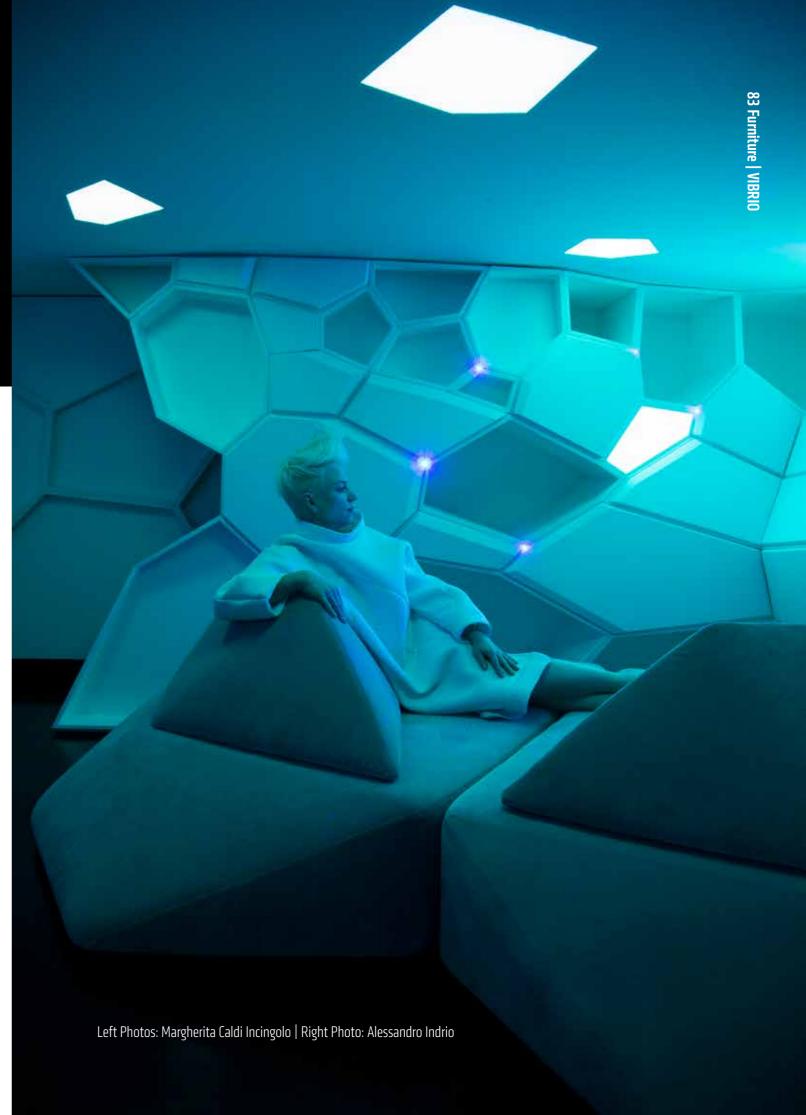
Vibrio is a modular furniture piece inspired by the relentlessly changing multitude of primary organic shapes created through molecular aggregation.

Like nature displays itself in an infinity of forms, Vibrio, like a living entity can manifest in continuously alternating constellations and be reinvented through subtraction, addition and recomposition of the individual modules.

Molecular properties like bioluminescence inspire its visually responsive surface, the iridescent velvet fabric traces movements and creates ever changing reflection patterns painted by its use.







ZEPHYRUS

Date 2015-2016

Program Modular Cabinet Location Amsterdam (NL)

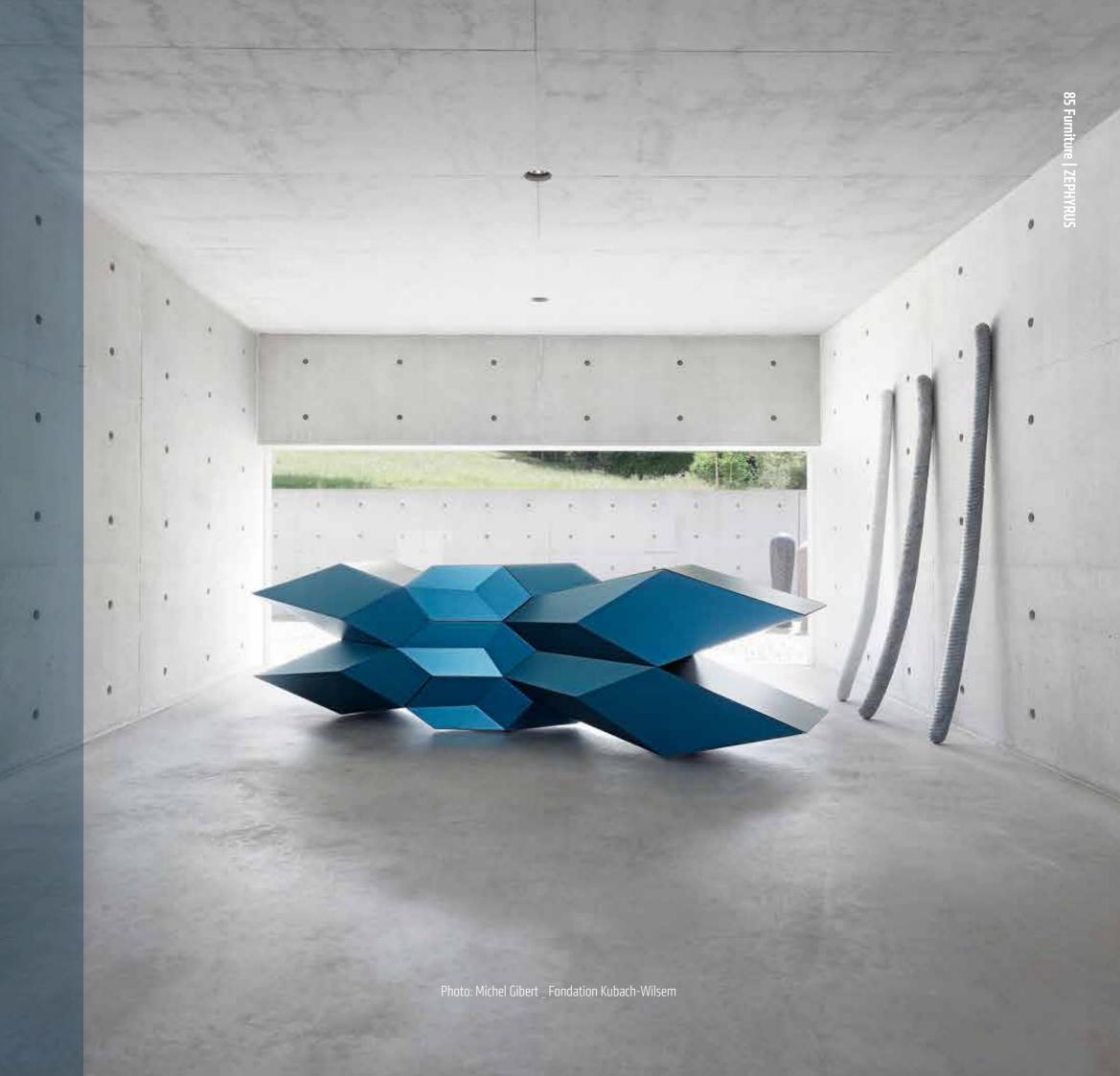
Paris(FR)

Client Roche Bobois (FR)

Size 2000-2962 x 557 x 750 mm

Phase Completed

Design Team Giacomo Garziano, Daniele Colombati



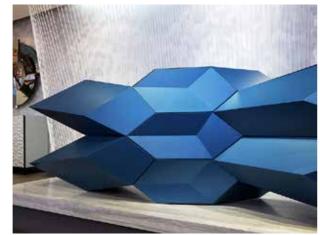


Zephyrus is a cabinet, a first piece of the modular furniture series designed by GG-loop.

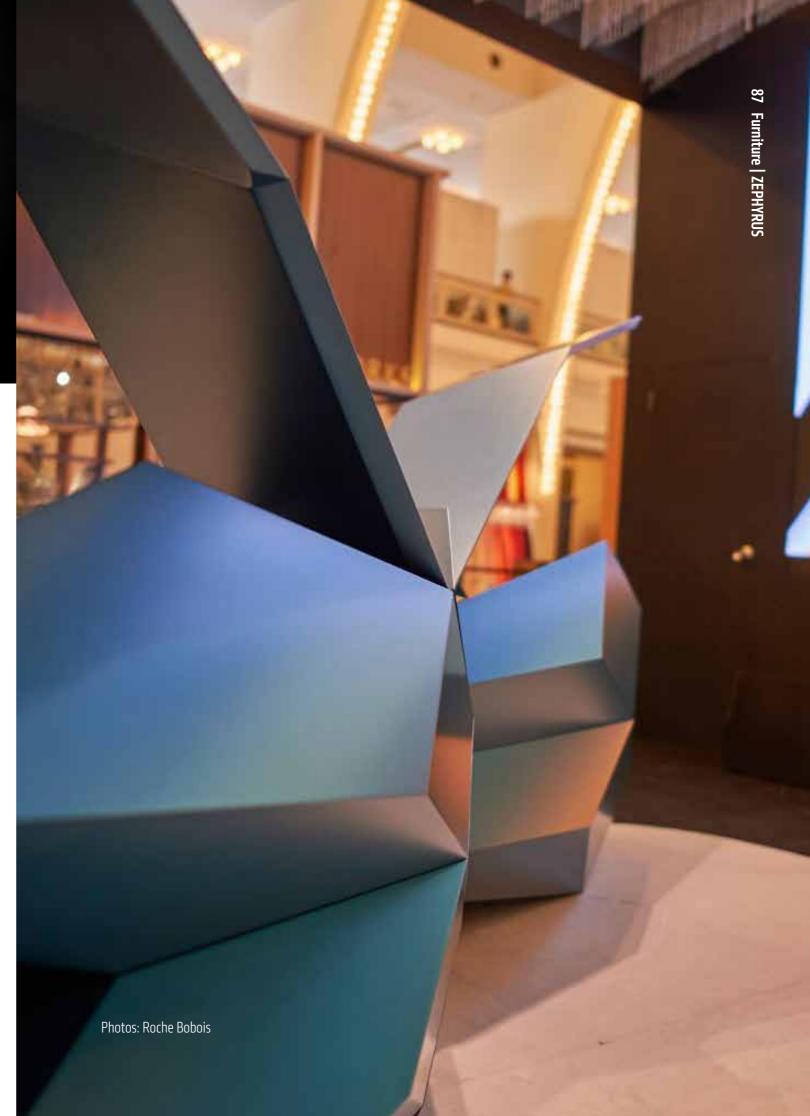
The polymorphic nature of the sculptural furniture piece reflects the quality of the butterfly as a symbol of life as transformation. Its dynamism evokes the beauty and elegance of that transformation in a space.

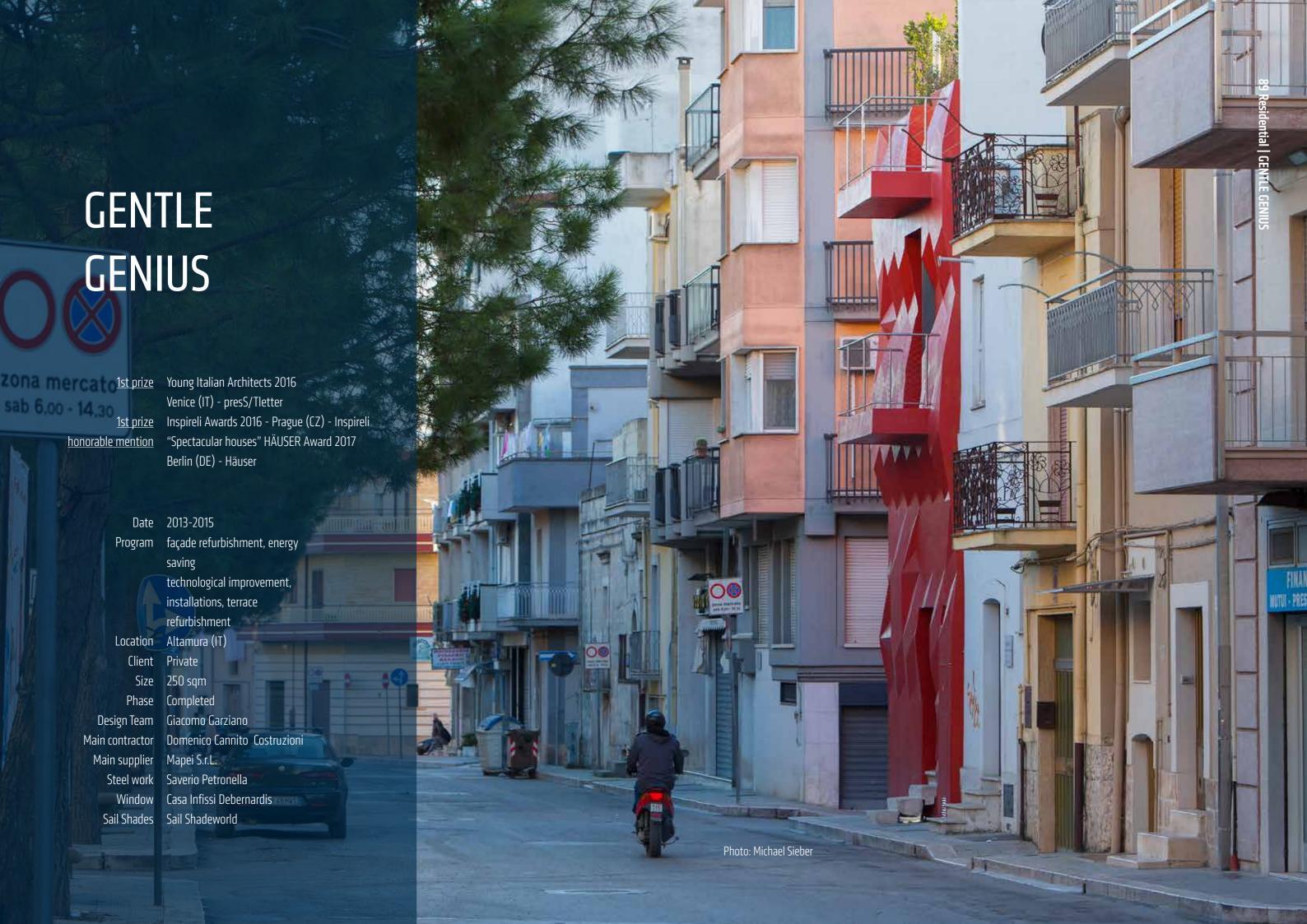
As a butterfly, it is composed by a body and two wings: the main core of 3 drawers and two wings of 2 drop-front drawers each. Mirroring and rotation around the symmetric core create an ever transformable furniture piece.

'The Butterfly' does not have a front and back, but rather two front sides that can be rearranged at wish and extended or reduced over time.











the edifices acting as notes played by different instruments

the spirit of the place, the conductor of the city.

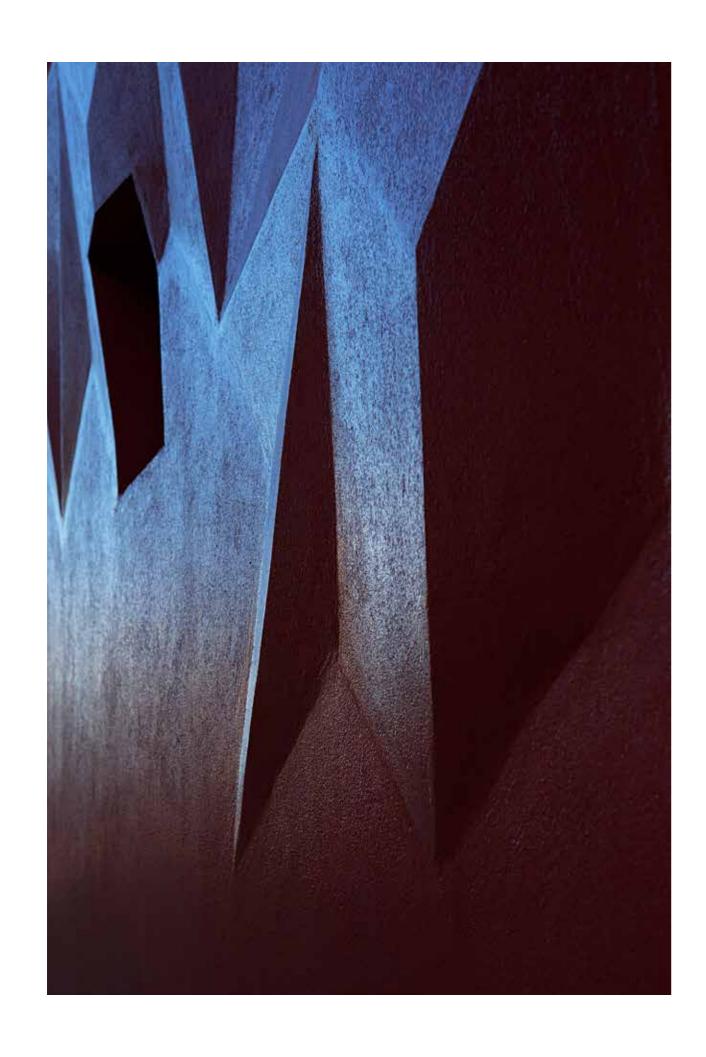
from its sleep.

The façade starts to vibrate and due to its structure creates an

The city and its various parts can be seen as a music score, ever moving surface. The red represents the strength of the genius. Red has the longest wave length of the visible spectrum and can be associated with the longest sound-waves that rather A melody is created by, what the Romans used to call Genius Loci, than touching our ears are felt in the torso. Hence it touches the instincts of the viewer, it is not linear, it is multifaceted perception The Genius Loci of this area, after decades of abandon, has arisen that reaches out from the walls, transforming a residential building into a sculpture.









the Infection

<u>1st prize</u> Young Italian Architects 2016

Venice (IT) - presS/Tletter

<u>1st prize</u> Inspireli Awards 2016 - Prague (CZ) - Inspireli

honorable mention "Spectacular houses" HÄUSER Award 2017

Berlin (DE) - Häuser

Date 2014-2015

Program interior refurbishment

Location Altamura (IT)

Client private

Size 50 sqm

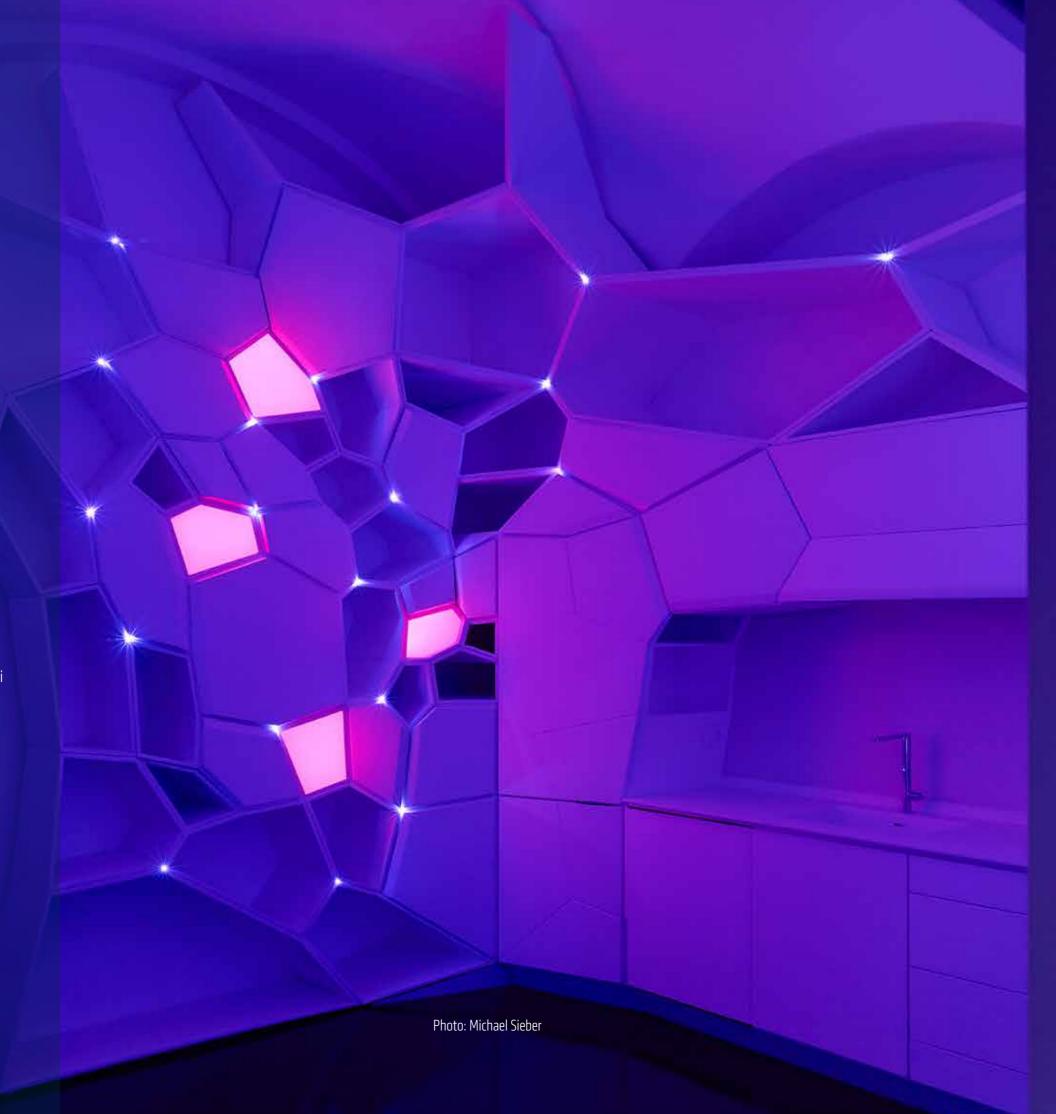
Phase completed

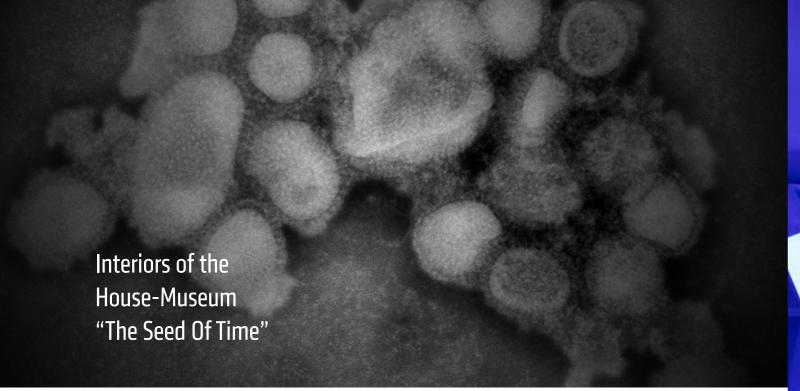
Design Team Giacomo Garziano, Matteo Garbagnati

Main contractor Domenico Cannito Costruzioni

Furniture MGarba

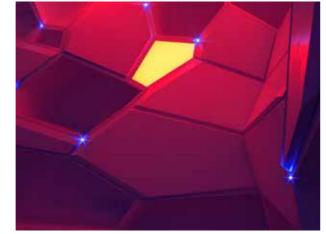
Installations Tecno Impianti 2000 S.r.L.



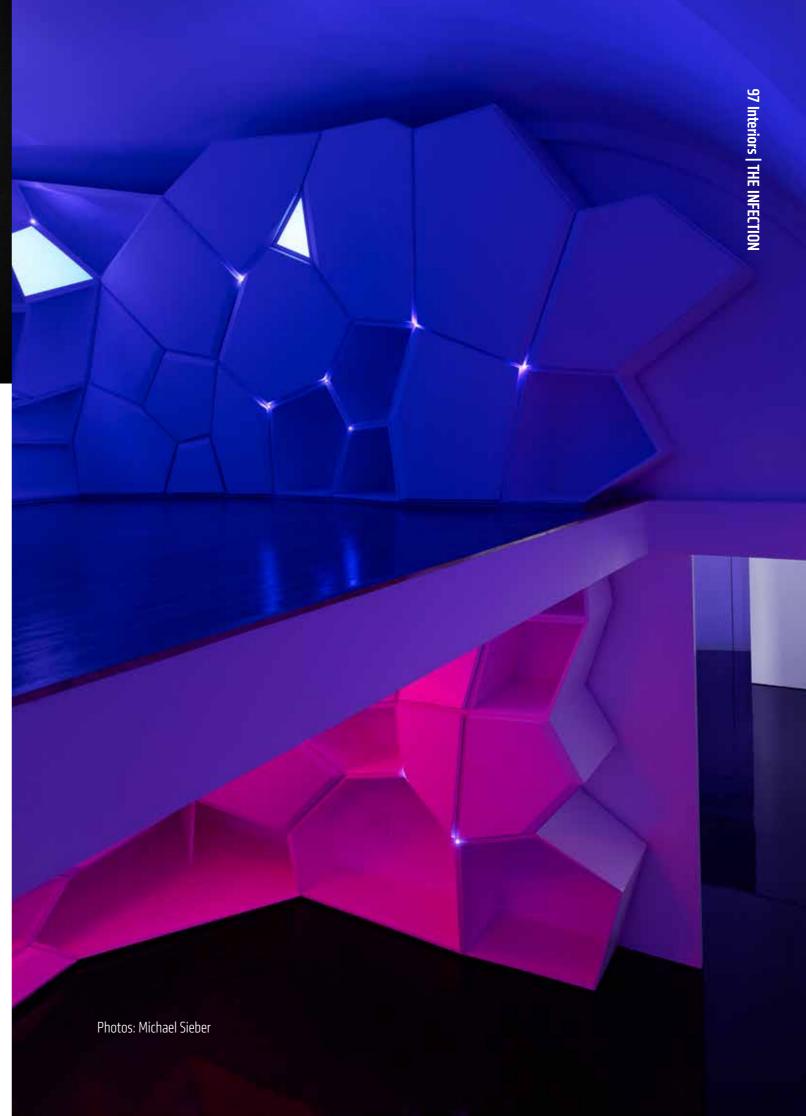


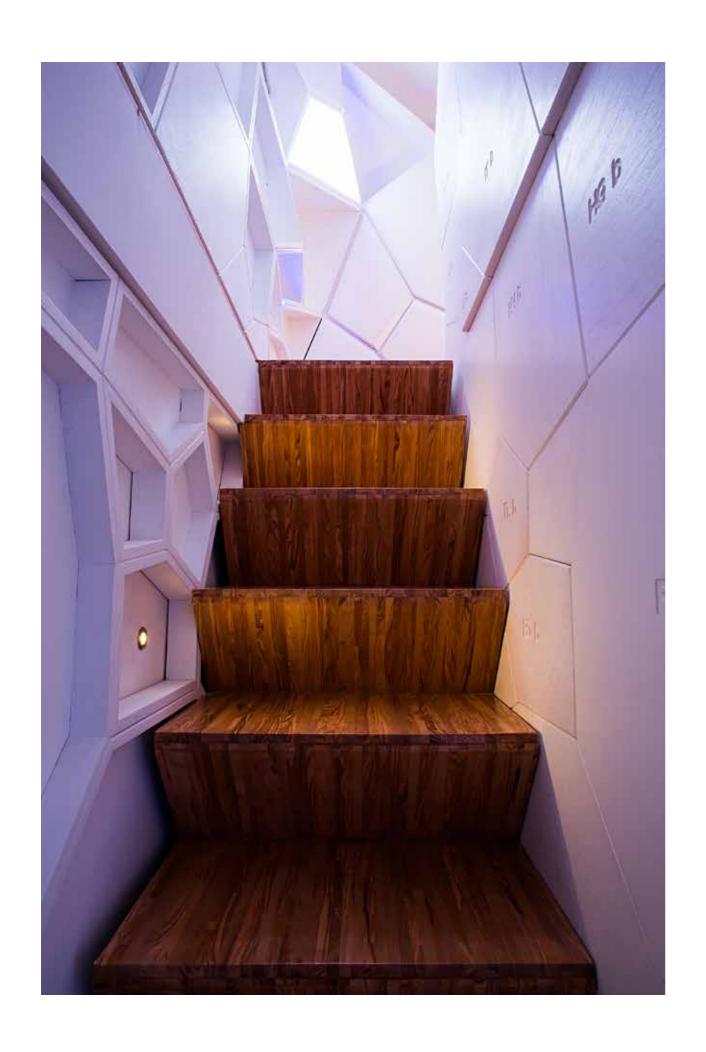
When a body is sick it changes equilibrium, any method applied to cure it is actually perceived by the body as causing an imbalance initially, as an infection itself. This project seeks to generate new life, recreate a positive equilibrium, in a long abandoned space. Based on the Voronoi diagram, the furniture spreads its cells along the walls of the apartment embracing and purifying the entire space.

This 2 rooms apartment is the first floor of a old complex built in the 50's, made of typical local tuff stone. The young owners wanted to improve the quality of the space exploiting the beautiful 4 meters high vaulted ceiling by adding a mezzanine for the more private space of their bedroom.













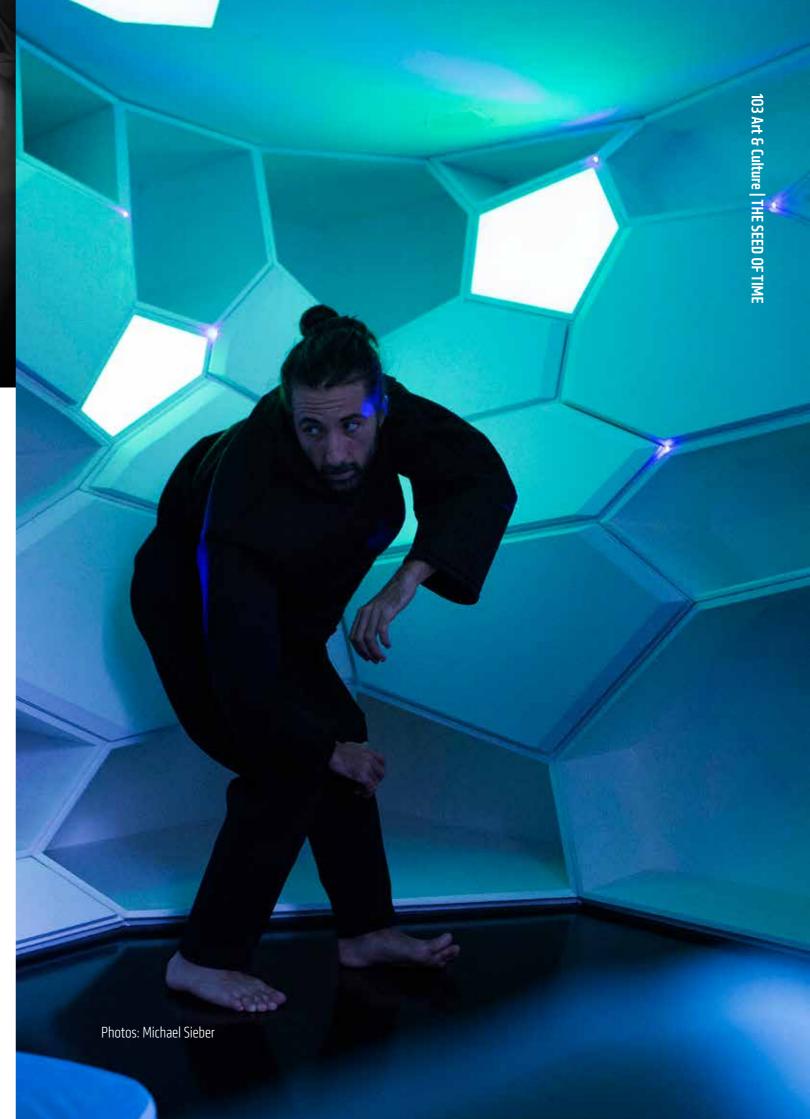


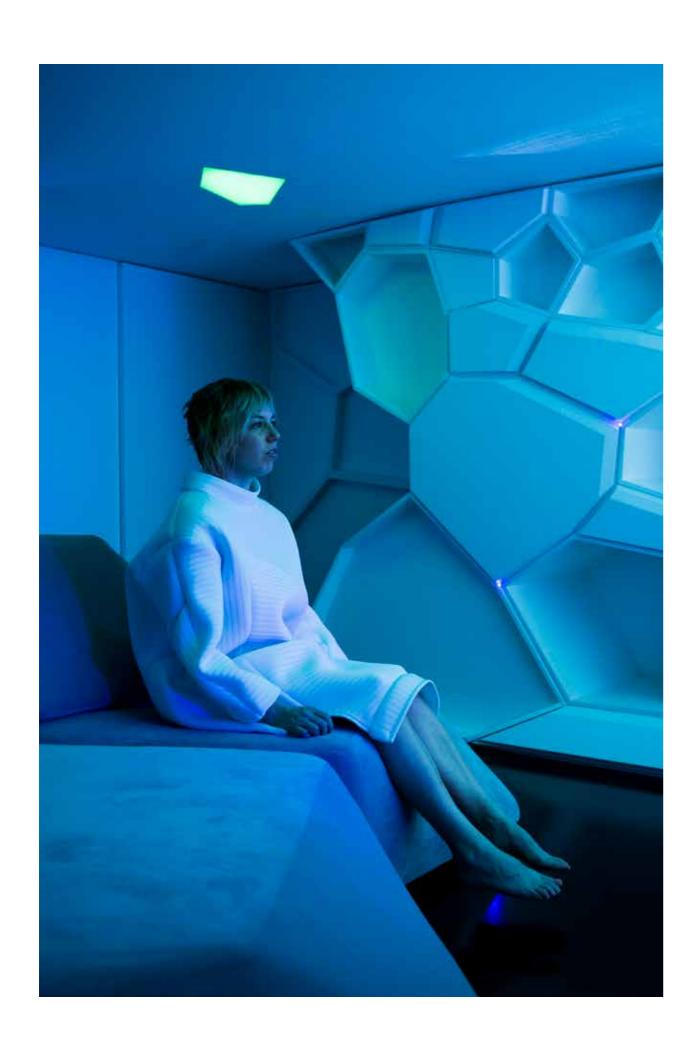
Deeply inspired by the album "In the Court of the Crimson King" by King Crimson, our main project of 2015 was inaugurated by an opening event organized by the art collective Elephants & Volcanoes. The immersive performance hosted 75 people over three days. The guests were invited to enter the house on their own and were guided through the rooms in which the sensorial experience was of a building that has been healed and protected by architectonic amplified by the sound, video and light installations, the culinary intervention, the dance performance, and the acting performance of the four inhabitants of the futuristic dimension of the house. Parallel to the performance, an exhibition took place in order to show the experience also to the people who didn't have access to

the performance.

A seed, as it grows, impacts and alters the environment around it. It begins a process of growth that, through the very nature of the seed, bridges the past and the future. The metaphor of the seed serves as the point of departure for an event that emerges out interventions; a building that holds within itself its past and future iterations simultaneously; a building that wants to alter and affect its environment.









THE WOMB

Date 2008

Program Masterplan of a music park and

conception of a 1800 places

auditorium and a school of music

Location Pistoia (IT)

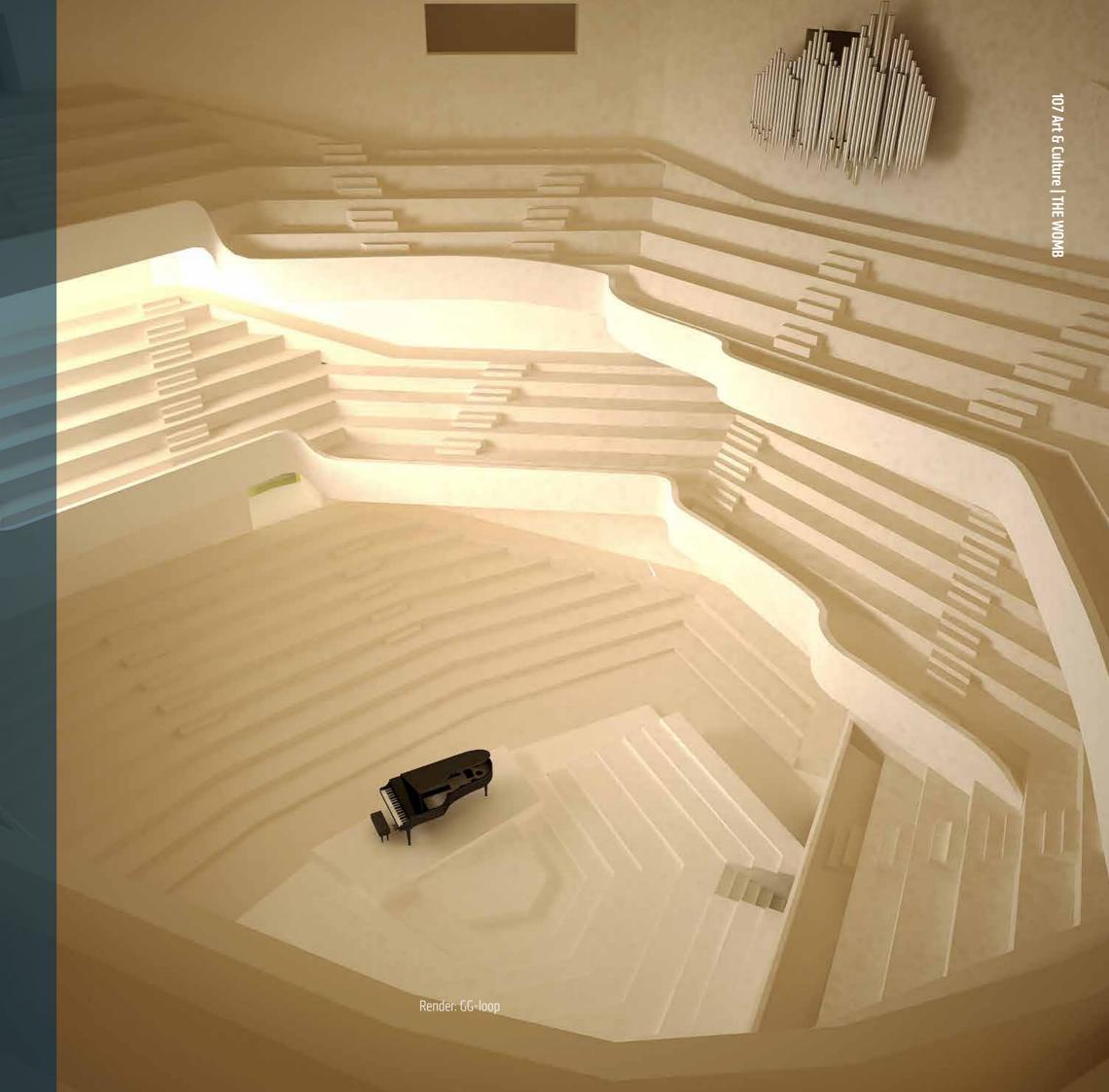
Client Municipality of Pistoia

Size 70 ha

Phase Concept Design, Proposal

Design Team Giacomo Garziano, Marco Mugnai

Budget 300 ml €





The project focused on creating a new space near the city of forming a public square were located into an open system of a Pistoia for developing, teaching and discovering contemporary green park. musical approaches.

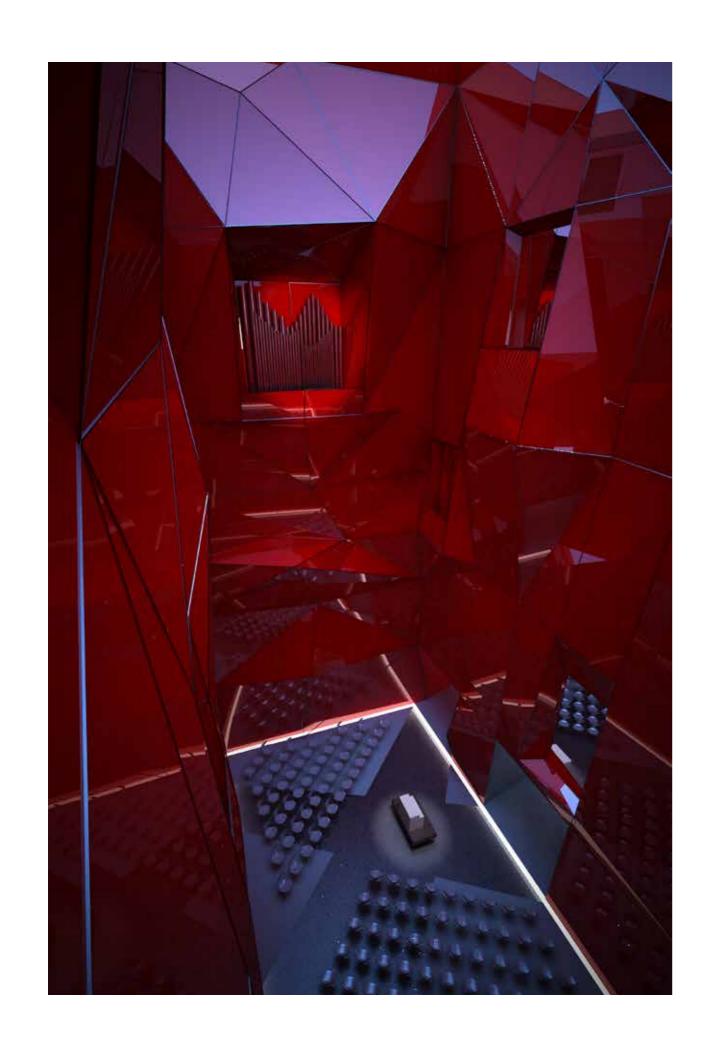
health activities related to the next hospital. These three buildings feed the concept of the project.

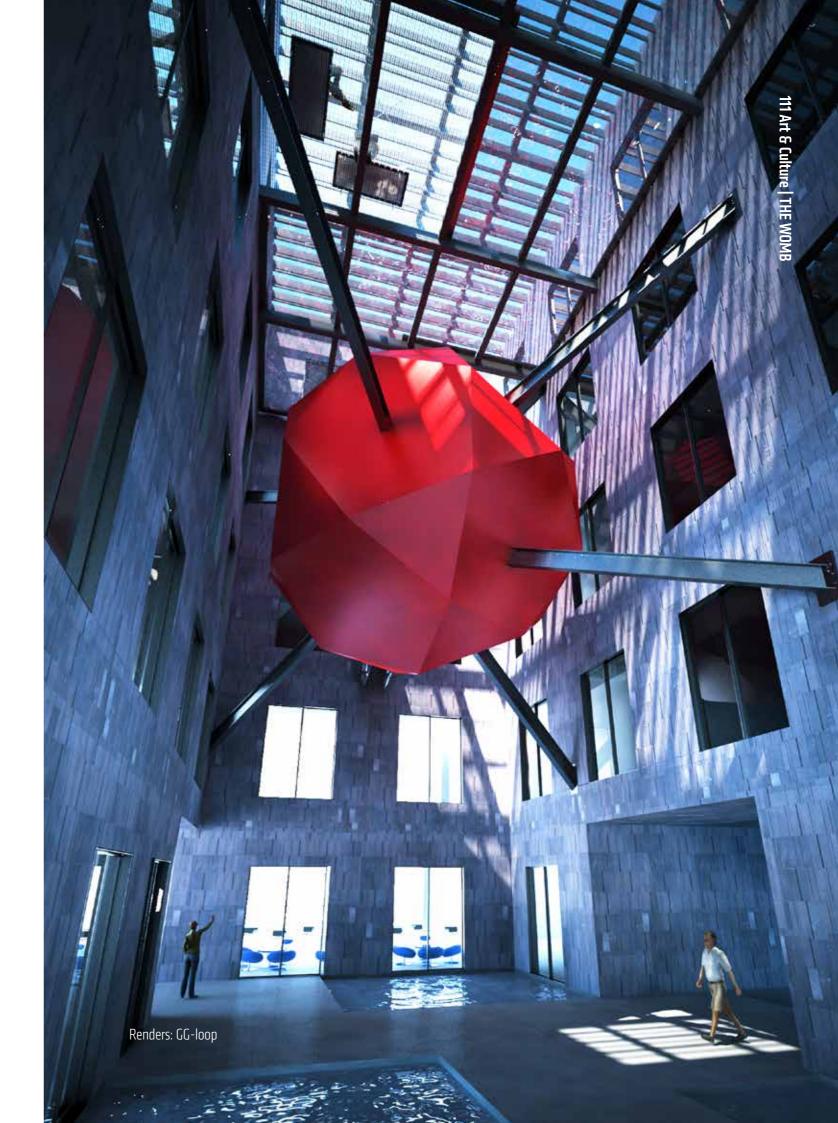
The aim was to stimulate a reflection on the relationship between The project was composed by a Concert Hall for 1800 spectators, a Modern music school and a building for musical therapy and platonic solids, with their interpretations and transformations,





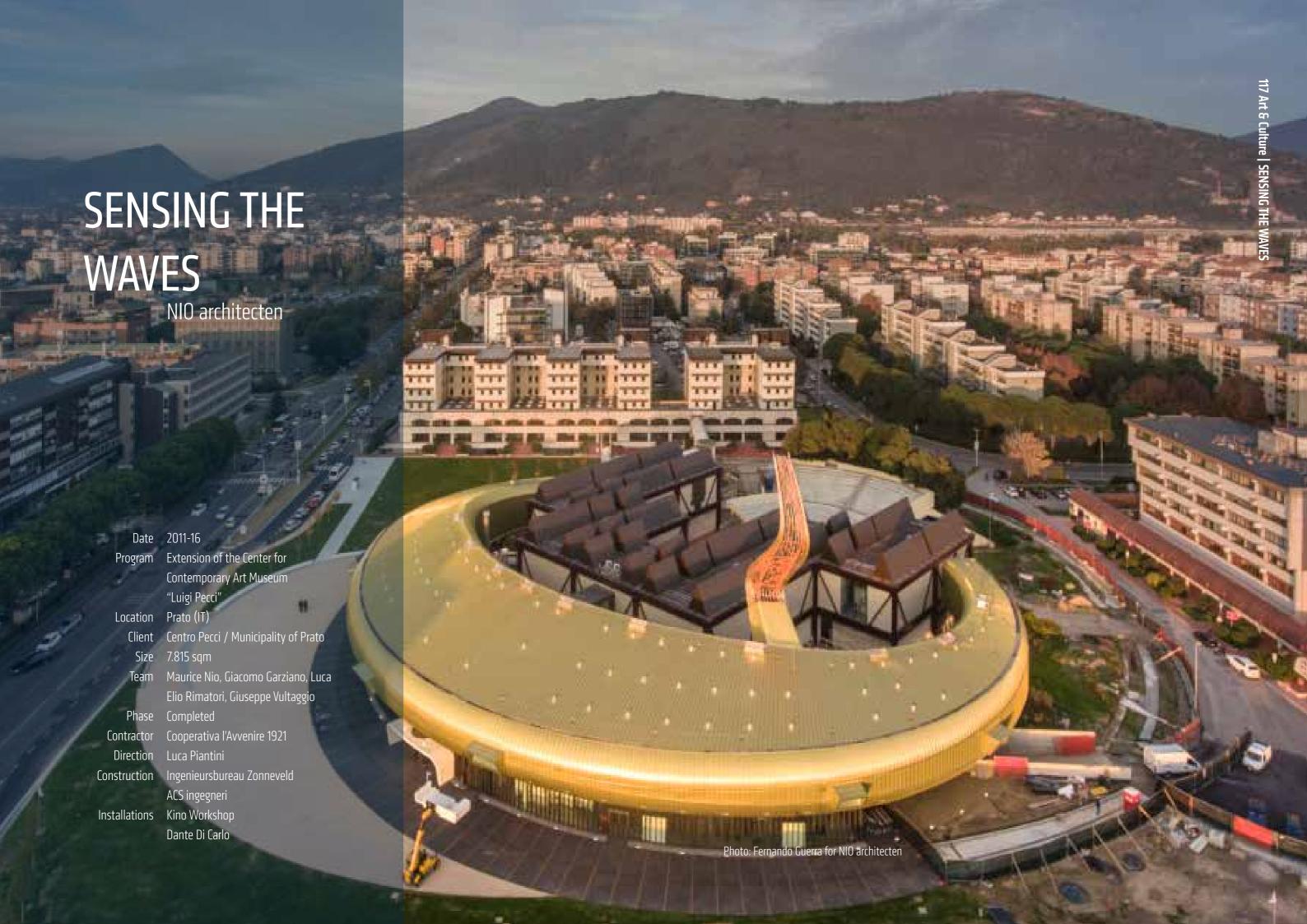






PREVIOUS EXPERIENCES









I CALL ARCHITECTURE FROZEN MIJSIC

Architecture and music have always been my main interests.

During my personal investigation of design approaches I came to realize how close these two forms of expression are.

Main concepts in one field, assume significant meaning within the other: form, structure, rhythm, tone and so on. Music, as sequences of sound and silence, embodies my vision of Architecture: harmonic sequences of full and empty, closed volumes and open spaces, light and shadow, evolving in a continuous loop.

Both fields have the capacity to stimulate all five senses in a Copernican way, the human being the center point.

Giacomo Garziano

GG-loop is an architectural practice established 2014 in Amsterdam by Giacomo Garziano. The office works within an international network, deriving its strength from an interdisciplinary approach. We work on different scales, ranging from urban planning to Furniture design. GG-loop is also involved in art projects, such as video installations, digital sculpture and music performances, embracing various creative fields.

We believe that architecture, as answer to a spatial demand, cannot be merely functional. Every space needs to tell a story. This story acts as filter between functional request and creative intuition. Our main goal in the design process is to create a unique question, based on the analysis of context, necessities, possibilities and constraints. This question will create a unique answer, that will create another unique question, that will create another unique answer, a loop. Creativity, technical solutions and financial facts are fed into this loop, to finally obtain an answer that equally satisfies all the questions coherently, producing noble architecture.

A good architect for us is a scientist, able to arrange components in harmonious proportions creating a totally new element, a composer enabling the orchestra to perform his piece in the best way.

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GG-loop

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