

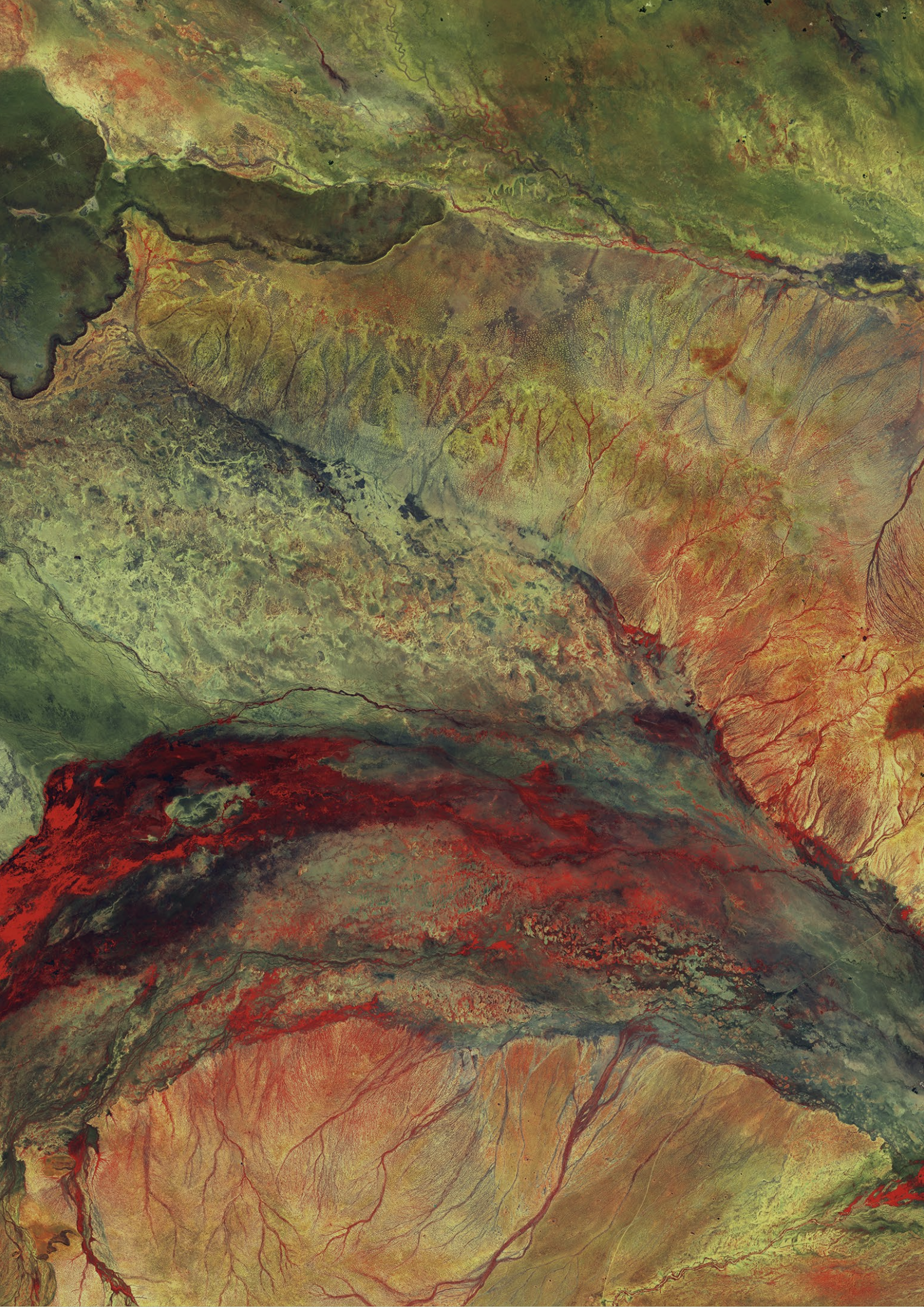
An aerial photograph of a coastline. The top half of the image shows a wide, golden-yellow sandy beach. Two small figures of people are walking on the beach, leaving tracks in the sand. The bottom half of the image shows the ocean, with a vibrant turquoise color near the shore transitioning into a deeper blue further out. White, frothy waves are breaking along the edge of the beach, creating a textured, lace-like pattern. The overall composition is clean and minimalist, emphasizing the natural beauty of the coastal environment.

aquamarine

Aquamarine Projects

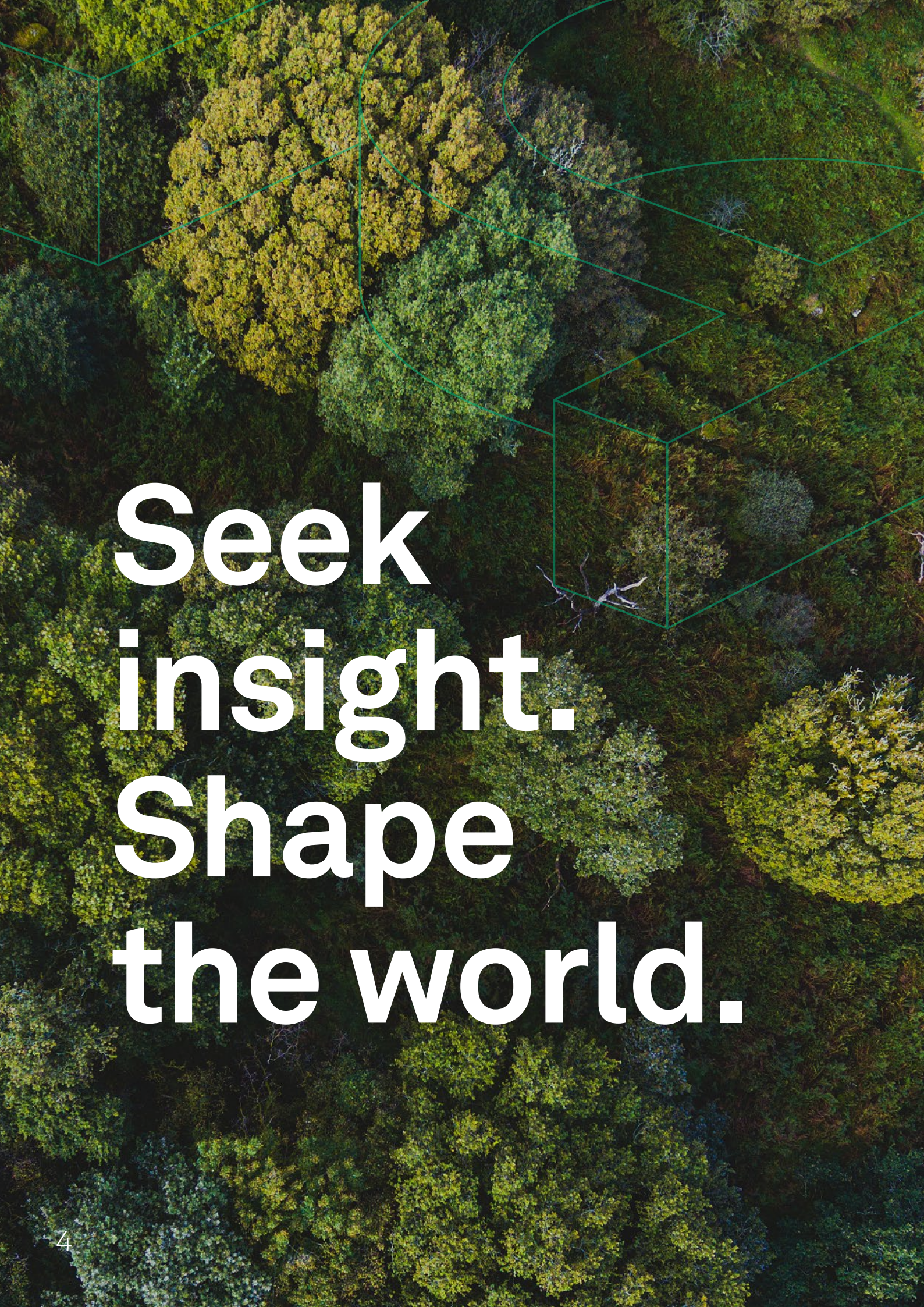
Company Brochure

2021

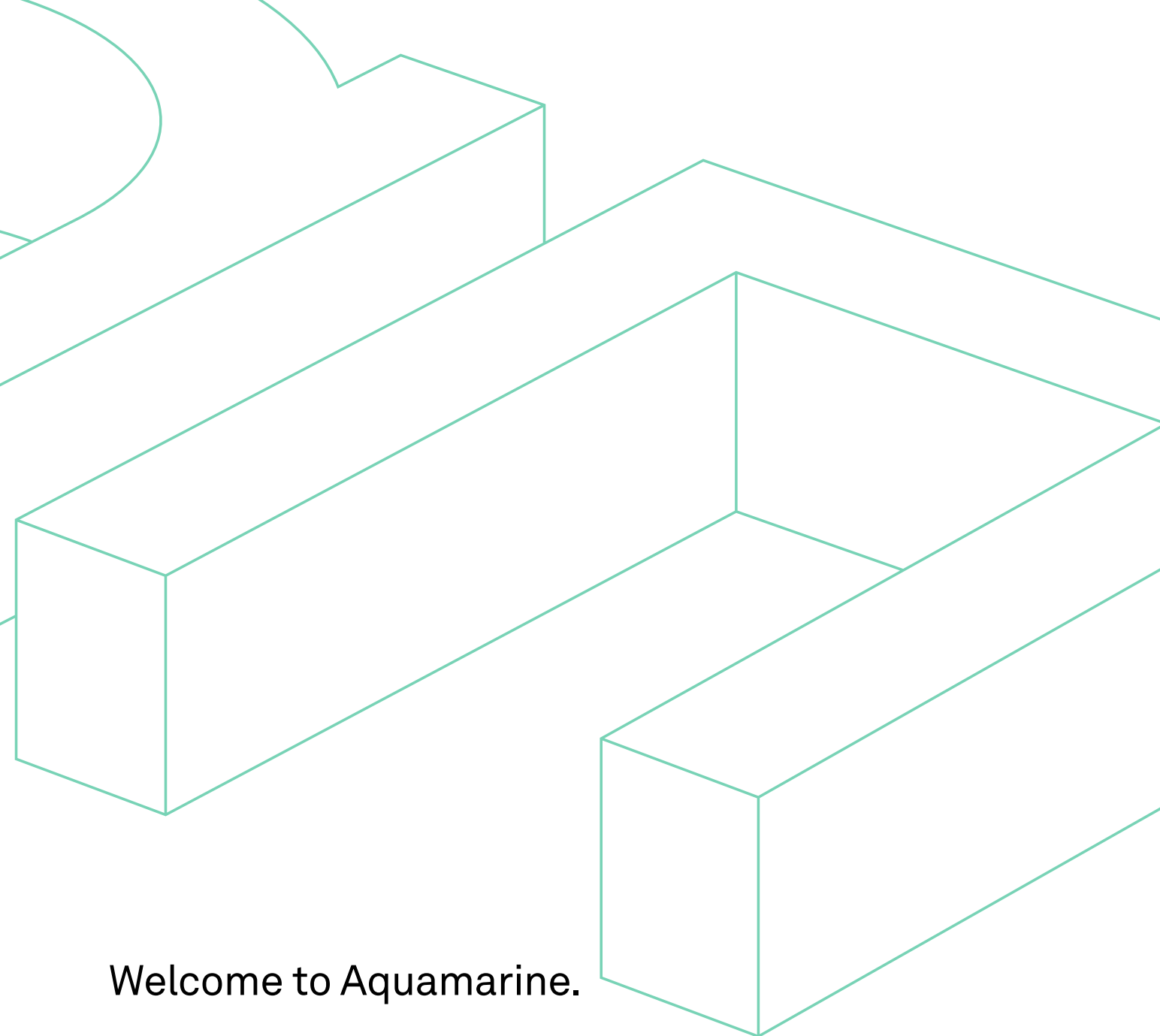


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Seek insight. Shape the world.



Welcome to Aquamarine.

We are specialists in developing bespoke experience destinations. Our vision is to enrich lives and places by creating ecosystems and immersive experiences that move the world forward.

We combine global market knowledge and local understanding with technical expertise and imagination, to create successful, sustainable, profitable, and engaging developments.

With our clients, we create world-leading spaces, biomes and developments designed to bring the wonder of our natural environment to people around the world in a unique and memorable way, and provide special spaces for people to live, work and play. We bring these to life through our global network of specialist consultants offering world-leading design, architecture, specialist construction, engineering, project management and operational expertise.

Design for better lives

At Aquamarine, we design, build and operate natural experience destinations, such as oceanariums, botanical gardens, adventure parks, waterparks and many other developments.

From Auckland to Moscow, Jakarta to Ohio and Mysore to Panama, our specialist teams' concept, design, build and manage memorable and successful experience businesses, each one tailored to the community it exists within.

Beautiful things happen when people collaborate, connect with each other, and connect with nature.

When these principles are placed at the core of how we see and create experience destinations and built environments, it forms the basis from which to create enriching, rewarding and sustainable spaces for people to live, work and play.





Our work

We start with a vision, and work back from there, creating insightfully customised solutions that meet objectives, and meet demand.

Our projects span diverse sectors; with a focus on immersive experiences that are sustainable and memorable. Our expertise is in thoughtfully incorporating natural biomes into human entertainment and living environments – connecting people to experiences of our world in whatever form suits the brief. Whether it is sustainable resorts or unique hotels, tourism-based projects, botanical gardens and landscaped parks, amusement parks, retail malls or family entertainment centres, oceanariums, aquariums and waterparks, for large-scale destination projects incorporating a range of attractions.

Whatever unique aspects a project may hold, an understanding of how people live, how they like to be entertained, and how to build and deliver to this within a sustainable business model is our specialization.

We offer turnkey specialist consulting services ranging from concept, to development, to construction, to operation, in these areas:

Architecture

- Architectural design
- Concept design
- Construction supervision
- Design supervision
- Project co-ordination

Branding

- Brand design and development
- Name generation
- Visual concept

Engineering

- Electrical design
- Mechanical design
- Plumbing design
- Structural design

Exhibits

- Exhibit design
- Thematic journey
- Graphics and signage
- Visual communication design
- Graphic display design

Interiors

- Interior design

Landscape architecture

- Landscape design
- Landscape engineering

Specialist design and engineering

- Aquarium turnkey design and engineering
- Botanic garden turnkey design and engineering
- Waterpark turnkey design and engineering

Operations

- Operations and management consultancy

↳ What we build

Bespoke solutions for unique locations. We create (and help operate) special spaces for people to live, work and play while thoughtfully incorporating the natural world.

- Adventure parks and playgrounds
- Amusement parks
- Apartments & living spaces (high rise and low rise)
- Aquariums & oceanariums
- Botanic gardens
- Discovery centers
- Destination projects
- Entertainment centers & malls
- Hotels
- Landscaped parks
- Leisure centers
- Luxury residences
- Museums
- Resorts
- Tourism attractions
- Waterparks

↳ Why we do it

Creating spaces that enrich lives and places.

Our mission at Aquamarine is to bring a love and wonder for our diverse natural environment to people across the globe, through immersive experiences that educate, and enhance lives. Our projects deliver many benefits such as:

- Connecting people and communities
- Increasing visitor well-being
- Fostering local growth through employment and tourism
- Supporting the environment
- Education and conservation initiatives
- Better lives through entertainment and lifestyle enjoyment

↳ Our philosophy

Our approach is informed by many years of experience and learnings made along the way. We adhere to strong principles and practices to ensure sustainable results and better outcomes for all involved.

Stay curious

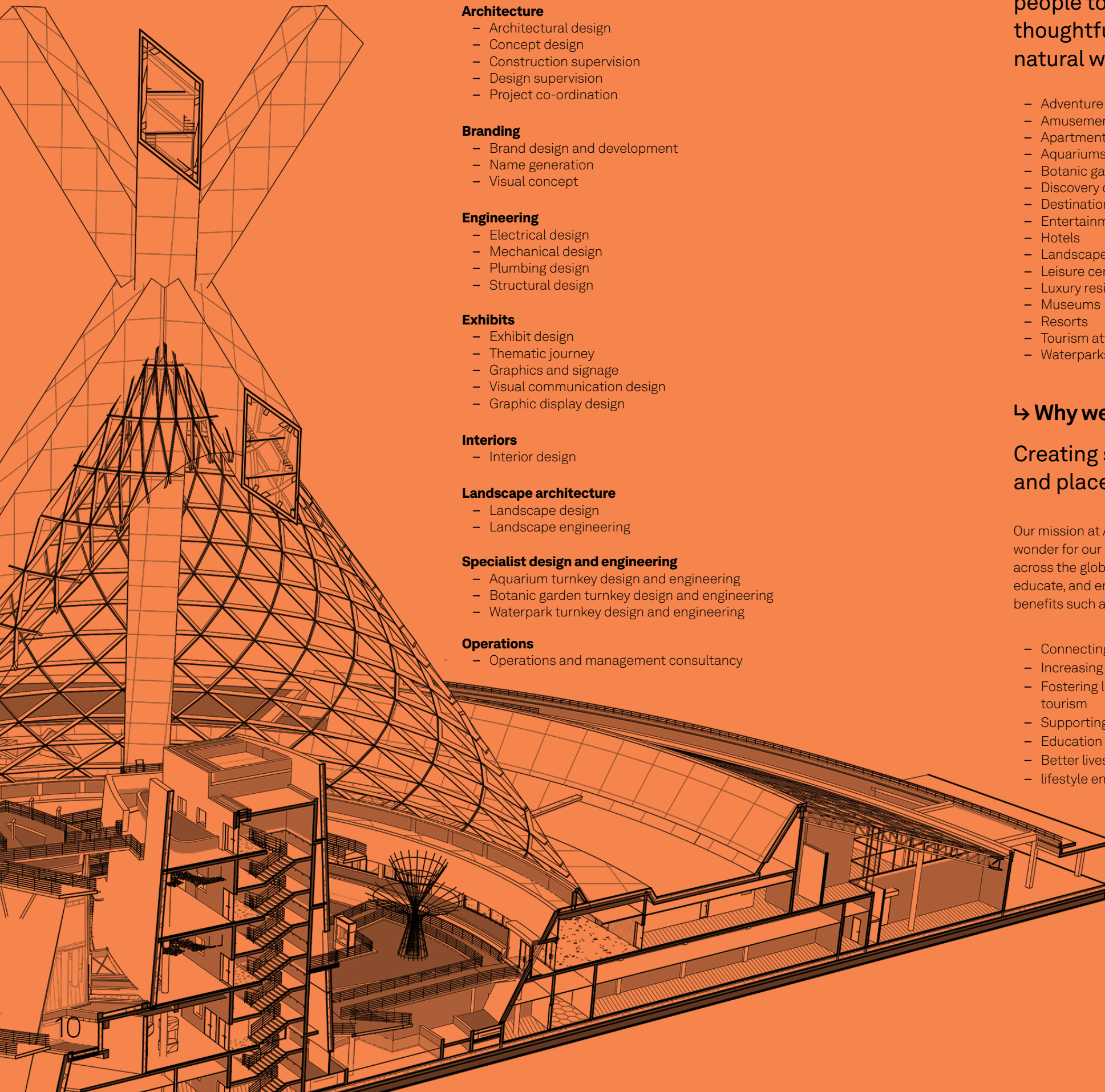
Every project and the people it serves is unique. We undertake significant research to understand full context, and the quality of our work is built on a deep understanding of how people live, how they like to be entertained, and how to deliver to this within a sustainable business model. Through personal observation, we immerse ourselves in each place we are designing for, and conduct detailed research into social, environmental, commercial, and political factors. Custom solutions are built from here.

Create connection

Our multi-disciplinary network of specialists spans the globe. Because we work all over the world, understanding and adapting to cultural and geographical diversity is central to our approach on every project, and we love the challenge. Collaborative practice and partnership with local communities, governments and investors is a core priority, with a focus on designing to create opportunities that improve people's lives, via employment, education, and entertainment. In every project, our aim is to create a unique asset that generates pride and ownership within the local community.

Honour nature

We are deeply passionate about the natural world. Sustainable practice and innovation is central to our approach and we believe it is vital for any business that hopes to succeed in the future. As part of this, environmental education is central in our entertainment developments, as is the well-being of any living species housed within them.



Awards, organisations and associations

1. XV tourist exhibition "Yugra-Tour 2016" award for active participation.

2. "Tourism, sport, leisure, hunting and fishing 2018" exhibition of Tyumen region award for "High professionalism in presenting the Facility".

3. "Galaktika" Aquarium ("Aquatika") is a member of European Regional Associations of Zoos and Aquaria.

4. "Growth Point VII 2019" Exhibition of achievements and trends for small and medium businesses - Participation certificate.

5. Letter of appreciation from the Council of Army Veterans of Kogalym for support and cooperation.

6. Membership certificate of Russian Zoos and Aquariums association.

7. "Yugra-tour 2018" Certificate of participation.

8. Letter of acknowledgement for conducting an internship for volunteers in KhMAO region.

9. Disabled sports association, a letter of appreciation for organizing "Para-diving" project for people with disabilities.



Dubai Aquarium & Underwater Zoo
'Certificate of Excellence' by TripAdvisor in 2012.



TurkuaZoo Aquarium
'Certificate of Excellence' by TripAdvisor in 2013.

We are proud to be members of these professional bodies:



American Institute of Architects
(38084582)



American Society of Landscape Architects
(1166112)



New Zealand Designers Institute



International Association of Amusement Parks and Attractions (IAAPA)



U.S. Green Building Council
#3739947415204726



Association of Zoos and Aquariums

A large school of fish, possibly sardines, forms a circular shape in the ocean. The fish are densely packed, creating a dark, swirling mass against the lighter blue water. The sun is visible in the upper right corner, casting light on the water's surface.

A global team

Aquamarine consists of a bespoke group of highly specialised individuals located in New Zealand, Russia, and South Africa. This global approach gives Aquamarine the ability to implement projects across international borders with ease.

Nicholas Traviss

↳ Aquamarine
Owner/Director

No stranger to change, Nicholas has transformed Aquamarine several times over since taking on the company his father Bobby started in 1972. In fact, he sees adaptability as the heart of the business itself, evolving to meet diverse markets, and new horizons.



Nicolas & Suzanne Burger

↳ **Aquamarine**
Head Creative Team

With clients spanning almost every continent, Aquamarine consistently emphasises building a group of like-minded professionals across the globe to support their vision. With the combined knowledge and technical expertise this approach enables, Aquamarine has displayed an unprecedented ability to interpret the needs, contexts and business cases of their international clients, and in turn, produce sustainable, inspiring and change- provoking solutions.



Cecilia van der Merwe & Amoré Strauss

↳ **Aquamarine**
Senior BIM Lead & Senior Draughting Team Leader



Our New Zealand based personnel are as follows:

Principal Director, Architecture and Creative Management:
Finance and Operations Manager:
Cultural Sociologist:

Nicholas Traviss
Lizzie Traviss
Dr Olga Suvorova

Our South African based personnel are as follows:

Project Leader and Interior Designer:
Graphic Designer and Marketing:
Project BIM Lead:
Senior Draughting Team Leader:
Draughting Team Members:

Suzanne Burger
Nicolas Burger
Cecilia van der Merwe
Amoré Strauss
Hendrik Saaiman
Kristi van Heerden
Julie-Anne Porter

Our Moscow based personnel are as follows:

General Manager and Administration:
Researcher in social anthropology, applied anthropology:
Senior Russian Regulatory Architectural Designer:
Interior Designer:
Construction Engineer:
Mechanical Engineer:
HVAC Project Engineer:
Plumbing Project Engineer:
Electrical Project Engineer:
Low Current Systems Project Engineer:
Fire Systems Engineer:

Maxim Belyanin
Alevtina Borodulina
Olga Petrova
Anna Tarasova
Zeynel Burak Ayhan
Hakan Dilan
Yana Grigoryeva
Alexander Arsenteyev
Alena Sishenek
Aleksei Shukalovich
Evgeniy Salakhov

Our St Petersburg based personnel are as follows:

Project manager:
Construction and special systems:
LSS Engineering systems and Building engineering systems:
Preparation of documentation, drawings:
Multifield specialist in plants of different climatic areas:
Specialist in tropical and subtropical plants, open ground plants:
Specialist in aquatic plants:
Decorator-artist Artificial landscapes:
Specializes in large fish farming systems and exhibit aquariums:
Specializes in desert species, turtles, lizards and crocodiles:
Reptiles. Specializes in snakes and lizards:
Ornithologist and practicing veterinarian:
Aquarist (LP-Group) Specialist in amphibians, chameleons and lizards. Saint-P Oceanarium Aquarist:
Buttefly specialist:
Butterfly and Insect Specialist:
Insect and snail specialist:

Vladimir Glizer
Evgeny Kushchenko
Sergey Ivanov
Dmitry Ralov
Sergey Grishchenko
Irina Kozlova
Sergey Chubarov
Dmitry Gorbatovsky
Andey Oppolitov
Yuri Menshikov
Vladimir Charlin
Ekaterina Alekseeva

Igor Grutsky
Evgeny Korotkevich
Nikolay Kotov
Irina Garina



Global experience

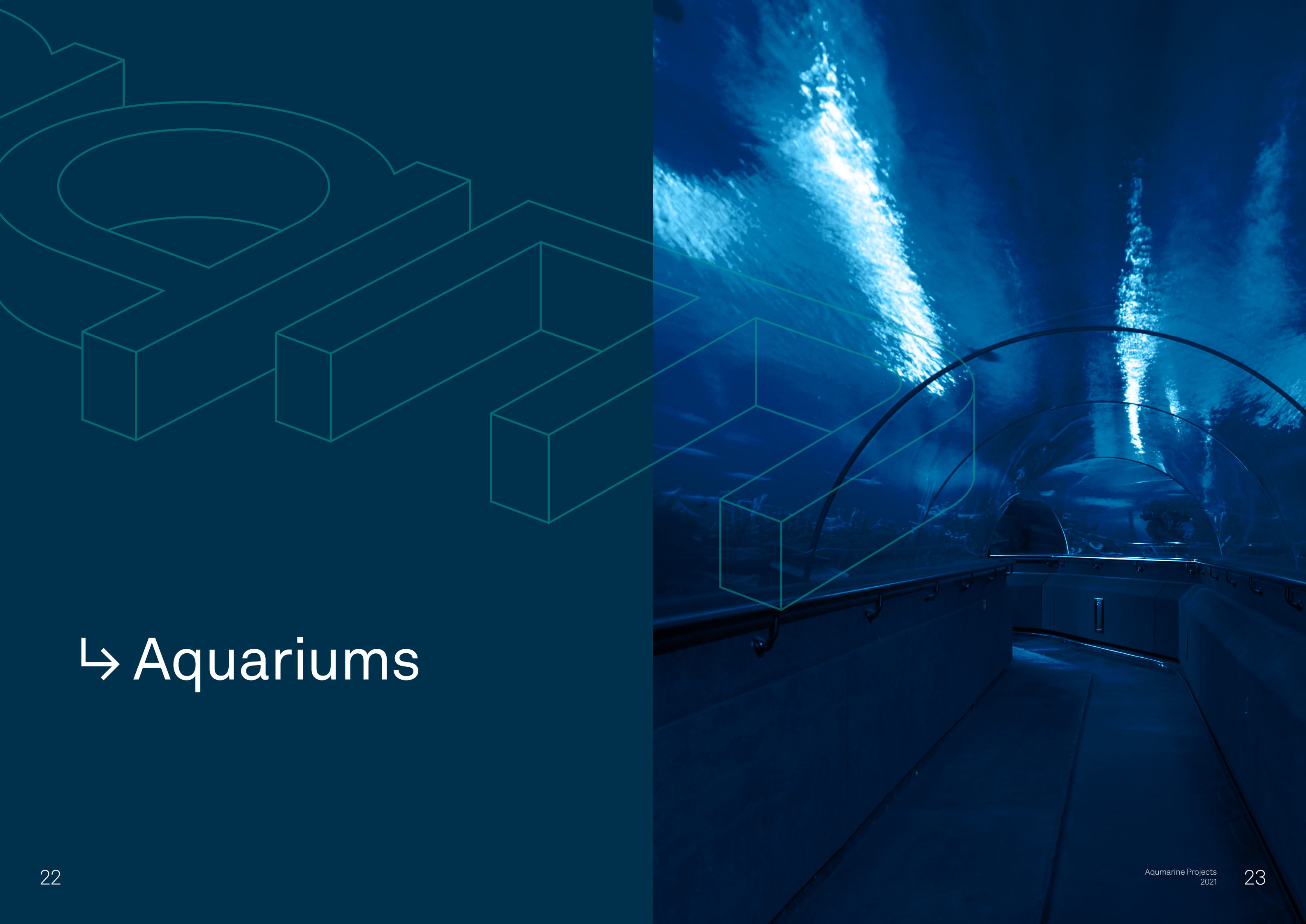
Since 1973 Aquamarine has been involved in many major developments across the world. Pioneers in the field, we have conceptualised, designed, constructed and managed over a 1000 projects. Below is a summary of our most recent projects.

Russia		
2019-2023	Museum of Russia	Kogalym
2019-2023	Lukoil Apartments	Kogalym
2019-2024	Philosophers Stone Apartments	Kogalym
2018-2024	Galactika Park	Kogalym
2018-2024	Yaranga Botanical Garden	Kogalym
2018-2023	Galactika Mall Extensions	Kogalym
2013-2016	Galactica Entertainment and Sports Complex	Kogalym
2007	Primorsky Oceanarium	Vladivostok
2006	Neptune Aquarium	St Petersburg
South Korea		
2018-2020	Daejeon Aquarium	Daejeon
2015	Blue Hotel Aquarium	Incheon
New Zealand		
2018-2020	Tauranga Aquarium	Tauranga
2017-2018	Stonefields Aquarium	Auckland
2017	National Aquarium	Napier
Monaco		
2018-2020	Jesse's Jungle Childcare	Monaco

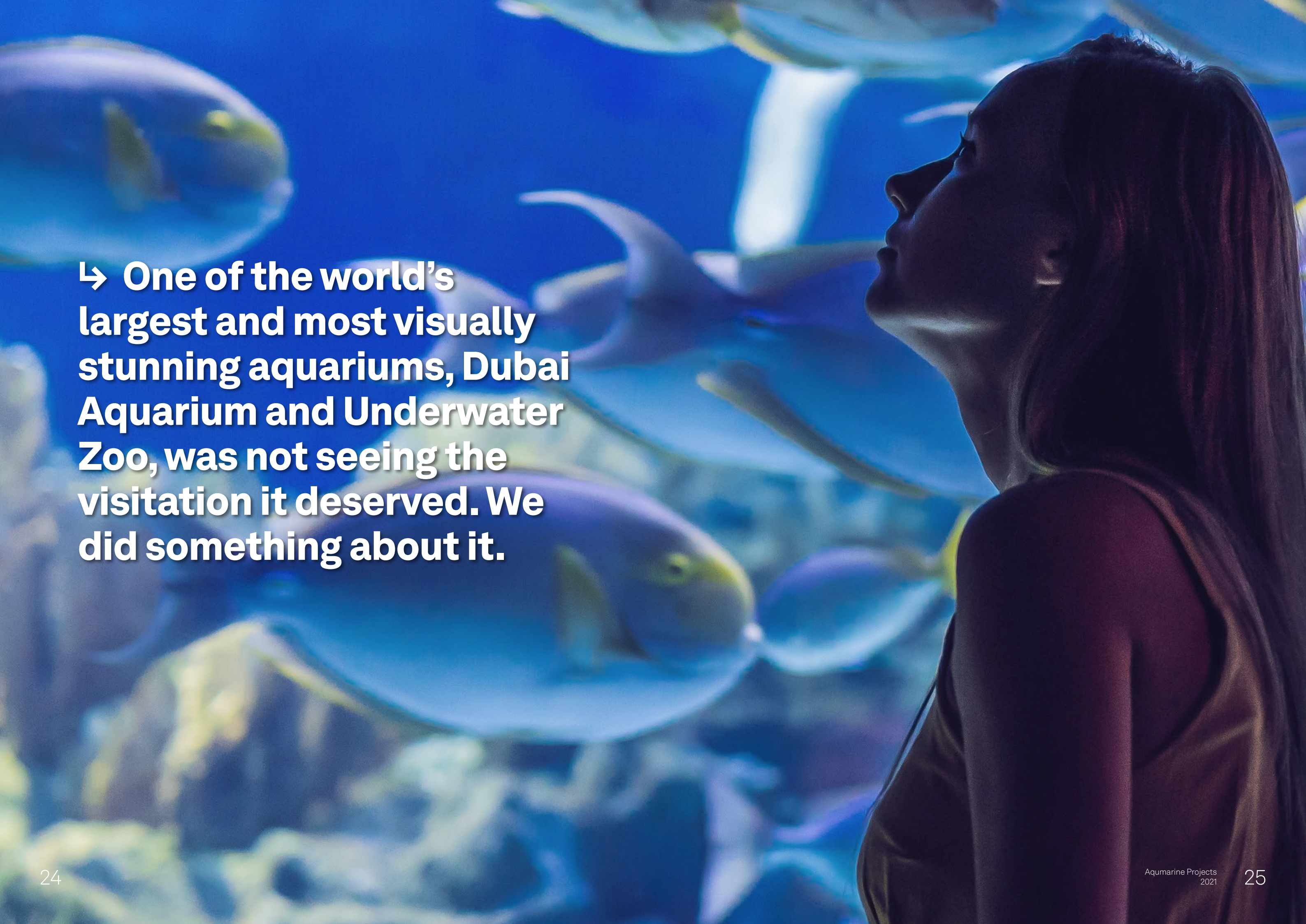
Peru		
2015-2020	Lima Aquarium	Lima
Paraguay		
2015-2020	Itaipu Aquarium	Itaipu
North Korea		
2012	Wonson Aquarium	Wonson
Mexico		
2015-2020	Los Cabos Aquarium	Los Cabos
2015-2020	Cancun Oceanarium	Cancun
Turkey		
2010-2014	EMAAR Discovery Center	Istanbul
2009	Turkauzoo Aquarium	Istanbul
2008	Antalya Aquarium	Antalya
India		
2018-2019	Gujurat Oceanarium	Ahmedabad
2017-2018	VGP Marine Kingdom	Chennai
2017	Gun House Restaurant and Bar	Mysore

United Arab Emirates		
2017-2018	EMAAR Dubai Mall Aquarium	Dubai
2013-2016	EMAAR Dubai Mall Aquarium	Dubai
Panama		
2017	Panama Aquarium	Panama City
Thailand		
2017	Phuket Aquarium	Phuket
2012	Jomtien Aquarium	Jomtien
2007	Chiang Mai Zoo Aquarium	Chang Mai
Vietnam		
2016	Son Tra Aquarium	Da Nang
2007	Vinpearl Aquarium	Nga Trang
Malaysia		
2019	Bidong Island Botanical Park	Kuala Terengganu
2015	Elephant Wildlife Park	Kuala Lumpur
2012	Genting Highlands	Pahang

Saudi Arabia		
2014	Tiaf Childrens Center	Tiaf
United States of America		
2012	Port Huron Aquarium	Port Huron
2012	Eleven Times Square Aquarium	New York
2011	Greater Cleveland Aquarium	Cleveland
Malta		
2012	Malta Aquarium	Malta
Iran		
2012	TAT Mall Aquarium	Tehran



↳ Aquariums



↳ One of the world's largest and most visually stunning aquariums, Dubai Aquarium and Underwater Zoo, was not seeing the visitation it deserved. We did something about it.



Case study →

Dubai Aquarium and Underwater Zoo - Dubai, United Arab Emirates

In 2013 after a shared tender process during which we were invited to take over management, we began a management contract. We were tasked to increase visitation to the aquarium, with a target set to achieve over 650,000 visitors per year.

Located in Dubai Shopping Mall, and despite an impressive viewing tank visible to most of the mall's 65 million annual shoppers, the underwater zoo was failing to convert these into paying customers to the main aquarium, which was upstairs and out of sight.

To begin, we undertook a comprehensive review of the overall structure and customer experience. Establishing that accessibility was an issue, we shifted the queuing and ticketing function to sit by the large viewing tank, creating a visible and accessible entrance, inviting people into the main upstairs attraction.

Along with improving and adding several exhibits, we also rationalized the customer journey. Leading people in a route around the main viewing window, through the tunnel, then upstairs through the main exhibits to exit via a gift shop, we created a pathway that built continuity through the experience and provided a sense of discovery.

Crucially, we also played a role in helping to improve the well-being of fish in the aquarium, bringing the necessary knowledge and practice to enhance the tank habitats, and decrease fish mortality in the process.

Within the first year of completing works, aquarium visitation increased to 1.2 million, well above client expectations.

Following this success, our services were once again enlisted by EMAAR in 2018. Appointed to implement a revised marketing plan, we were tasked to ensure that potential visitors, domestic and international, are aware of the aquarium, instill a desire to come to Dubai and make Dubai Mall and the aquarium a “must-see” when they do visit the city.

Aquamarine integrated this plan with existing marketing of the Dubai Mall Aquarium, Dubai Mall and Dubai Tourism Vision 2020.

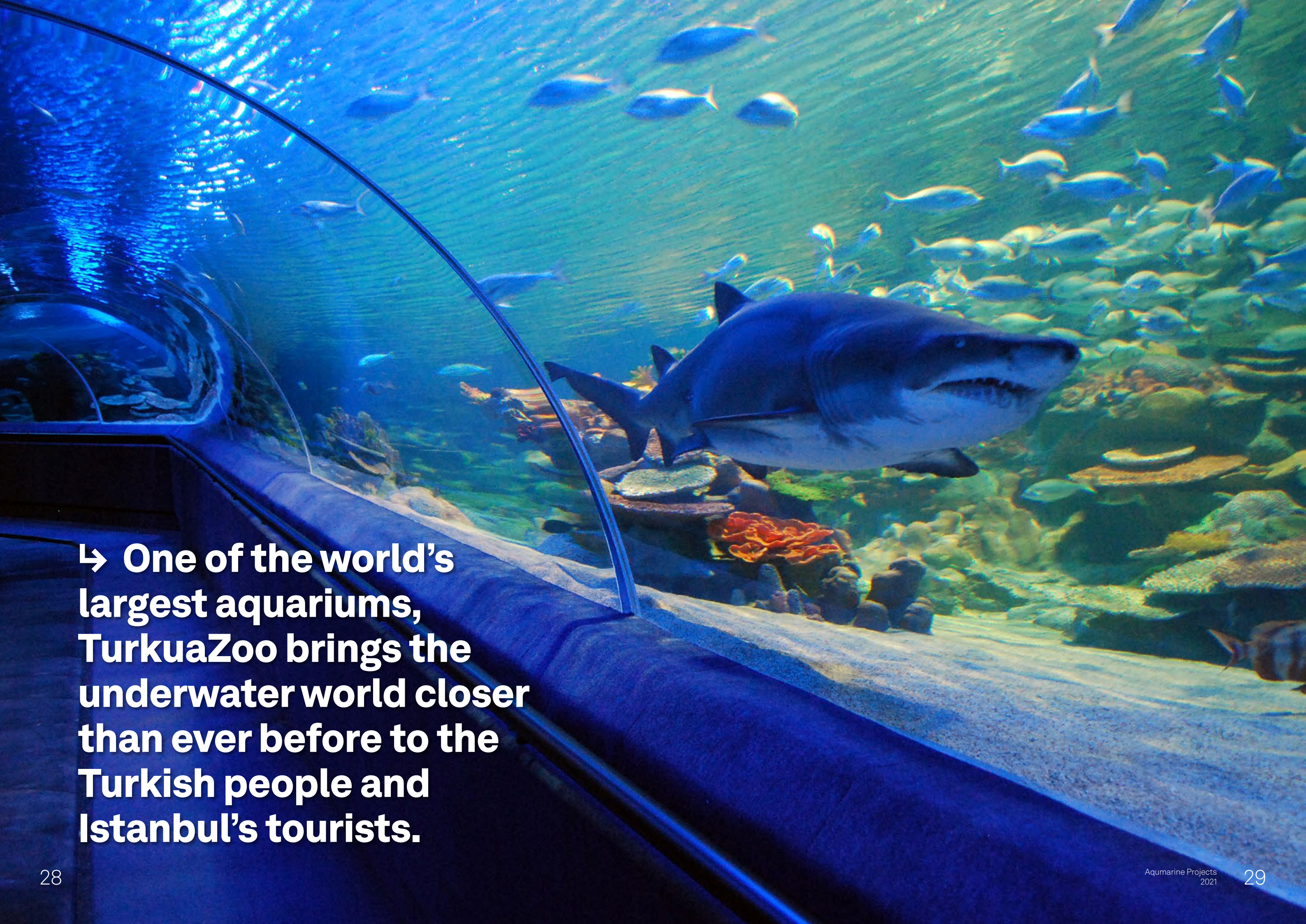
This project was the start of a collaborative consulting partnership with EMAAR, leading to our appointment to design the EMAAR Aquarium and Underwater Zoo in Istanbul.

Annual visitors: 1,100,000

Increase in visitation: 103.7%

Above client expectations: 69.2%



A large, realistic-looking shark is swimming in a vast aquarium tank. The tank is filled with numerous smaller fish, mostly silver and blue in color. The bottom of the tank is decorated with various types of coral and rocks. The water is clear and blue. The view is from inside the tank, looking through a curved glass barrier.

↳ One of the world's largest aquariums, TurkuaZoo brings the underwater world closer than ever before to the Turkish people and Istanbul's tourists.



Case study →

Turkuazoo - Istanbul Aquarium

A stalwart for marine conservation and tourism, Turkey's first public aquarium continues to inspire with underground wonder. It is now Sea Life Istanbul Aquarium, which is owned by Merlin Entertainments Group.



Set over 8,500 m² within the Forum Istanbul Shopping Mall, TurkuaZoo's two-story underground aquarium has continued to be a major attraction for Istanbul since its opening in 2009. A pioneering feat in the Turkish market, TurkuaZoo has since earned 'Superbrand' status from the Superbrands Council of Turkey in 2012 and a 'Certificate of Excellence' by TripAdvisor in 2013.

One of the world's largest aquariums, TurkuaZoo brings the underwater world closer than ever before to the Turkish people and Istanbul's tourists.

With 7 million litres of water housing over 15,000 sea creatures from 1,000 different species, we designed TurkuaZoo's 21 thematic zones to offer a comprehensive ocean experience from the seashore to the seabed. With differing sea environments accurately replicated, visitors can be transported between the likes of the deep Mediterranean, tropical reefs, shipwrecks, and the rainforest.

Total building area: 8,500 m²

Program: 15 months

Exhibits: 32

With over 40 exhibits visitors can marvel at Europe's largest collection of sharks, be educated about marine conservation efforts at a turtle rehabilitation facility or partake in sensory play at the rockpool display.

Unique to TurkuaZoo is its 83-meter long conveyor we developed that transports visitors through the longest underwater tunnel in Europe. Benefiting from 270-degree panoramic viewing, visitors receive an unprecedented underwater journey along the ocean floor and beneath some of the oceans most awe-inspiring creatures that swim overhead.

With many other activities such as fish feeding and diving with sharks, TurkuaZoo is a family-friendly experience that is fun for kids as well as adults.

Within its first 5 months of operation, TurkuaZoo welcomed over 500,000 people through its doors. Acquired by the Merlin Entertainment Group in 2013, TurkuaZoo has since transitioned to the SEA LIFE brand, now officially SEA LIFE Istanbul Aquarium.

With continued success, Merlin Entertainment have reported that there have been 60 million visitors to the aquarium since its opening in 2009.





↳ **India's first major public aquarium, VGP Marine Kingdom, is setting a new national standard for entertainment and conservation education.**





Case study →

VGP Marine Kingdom — Chennai, India

Starting with India's first and largest amusement park, VGP Universal Kingdom, VGP's portfolio has grown to include water and snow parks within a flourishing entertainment industry. With demand growing for new attractions by the domestic tourism market and seeing the opportunity for something that was previously only experienced by those travelling abroad, VGP Marine Kingdom was conceived.

Working with Marinescape, a long-time member of the Aquarium industry, we undertook the roles of Project Architecture, Interior Design, and thematic journey design. Starting in 2012, we began an exacting process, exploring several concept designs before a final approach was selected and commissioned – ensuring a world-standard experience for Chennai's new destination.

With design adhering to a storyline that we created in conjunction with Marinescape, the resulting development achieves an immersive and entertaining space designed to the highest standard in ecosystem reproduction with combined education and sustainability programme offerings.

Covering 7,500 square meters, VGP Marine Kingdom is split over three levels and five different thematic

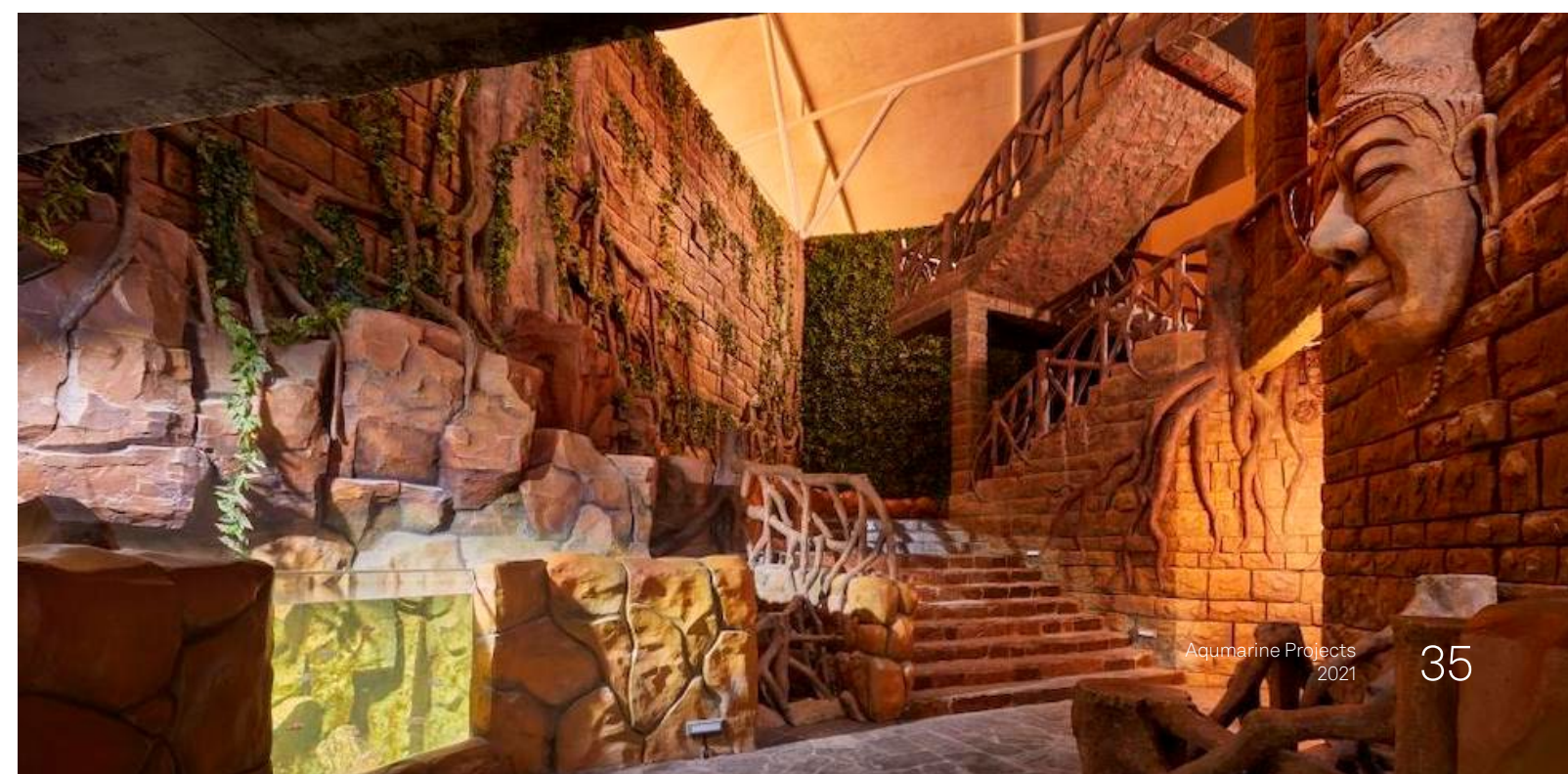
zones, each representing and containing a connected ecosystem – mangroves, coastal zones, deep ocean habitats, freshwater ecosystems from rainforests, and gorges.

A total of 35 exhibits and a 70-meter-long underground tunnel with panoramic views offers a fully immersive experience where guests can experience the over 150 species that are housed there.

Featuring a diving school, exhibition and dining spaces, nature-interactive experiences and educational opportunities, VGP Marine Kingdom offers something for all guests.

As India's first major commercial public aquarium, this was an exciting milestone for the Aquarium community and citizens of India too. It paved the way for other aquarium projects to begin in the nation, such as the new Gujarat Oceanarium in Ahmedabad.

Total building area: 7,500 m²
Total volume of tanks: 3,395 m³
Tunnel length: 70 m
Program: 16 months
Exhibits: 30



↳ A new experience awaits visitors to EMAAR Aquarium and Underwater Zoo, enticing locals and international visitors alike.



Case study →

EMAAR Aquarium and Underwater Zoo - Istanbul, Turkey

Following our successful management of their Dubai Aquarium and Underwater Zoo, EMAAR enlisted our services to design a discovery centre within the EMAAR Square Mall, a trophy asset within the larger EMAAR Square development, which is a master-planned neighbourhood in the Anatolian part of Istanbul – EMAAR’s most ambitious project to date in Turkey.

Briefed to create a world class Discovery Center that would successfully compete “head-to-head” with other aquarium attractions in Istanbul, our resulting design needed to work harmoniously with the other entertainment options housed within the mall and its surroundings.

With a total area of 6,250 square meters spread over three levels in the mall space, we had plenty of space to achieve an experience that would meet the expectations of the mall's millions of local and international guests, who have come to experience world-class shopping, leisure and entertainment.

The resulting design brings together contemporary aesthetics with traditional architectural proportions to create an environment that is friendly to its visitors. Implementing the latest technology and advances in

Total building area: 6,250 m²

Tunnel length: 60m

Program: 10 months

Exhibits: 38



the aquarium industry, we were able to create breathtaking exhibits that reflect the beauty and wonders of our natural world.

Split into 7 different thematic sections, guests can take an unforgettable journey through oceans, rivers, and jungles as they observe more than 20,000 marine animals and amphibians from more than 200 species.


Featuring rocky shores, forest, rivers and falls, we created a large crocodile enclosure and jungle zone as the point of difference for excited guests.

Redesigned as an Aquarium and Underwater Zoo to fit within EMAAR's existing portfolio in Dubai, the resulting entertainment destination launched in early 2017 to great fanfare, on schedule and budget.





↳ Biomes
and parks



↳ Exploring how to bring a botanical garden to life in this remote sub-arctic landscape, and the challenges of building in this environment, we knew we needed to develop something special and truly unique.



Case study →

Yaranga Gardens Kogalym, Russia

In progress. Completion due 2023.

Yaranga Gardens started off with a single phone call. One hand-drawn sketch and an email later, the project was in full swing. Taking full advantage of strong trust and a collaborative relationship with our client, we were able to move things very quickly, sharing ideas informally with agile response and open dialogue.

Yet the strictest rigour was still applied before moving concepts forward. While operational manuals may seem at first like something that belongs further into the process, we see it as a crucial step in the early concept phase. Understanding operational intentions deeply informs concept and design. Considerations as granular as staffing numbers, intended capacity and activities to be included are all interdependent, affecting everything from concept feasibility to architectural design and everything in between. When designing an environment that holds a myriad of living creatures, it becomes all the more important, requiring conversations with aquarists, biologists, curators and other experts as early in the project as possible to ensure the well-being of all life within is front and centre.

Proper preparation is vital to ensure the speed at which a project can become fully operational (and thus profitable). It is also vital to avoid failure in the duty of care for wildlife, which is an ethical responsibility in developing any natural habitat display.

Total Building Area: 20,000 m²

Plant species: 400+

Reptile species: 16

Insect and mollusk species: 15

Amphibian species: 8

Bird species: 7

Design and engineering

Not simply architectural, for entertainment destinations, design and engineering have many facets to consider. From visitor journey creation and storytelling, to materials and structural elements, to environmental requirements to support living habitats, all of this is developed within the parameters of the overall concept and intention.

A project thrives when the partners we engage bring the same level of enthusiasm for innovation to the table that we do.

Services

Developed design

The Preliminary Design is refined, ideas are tested, and the shape of the final design is. We will make recommendations for the design of details, and the use of materials, that reinforce the vision for the project.

We think about priorities in terms of time, quality, and cost. While it is difficult to predict the final cost of a building, we identify all potential costs and will form an estimate based on that knowledge.

At the conclusion of Developed Design, the building is sufficiently defined to give a clear understanding of the scope of work, costs and the architectural look and feel.

Detailed design

We prepare detailed working drawings, specifications and other documents for pricing, construction & compliance purposes. This includes construction details, materials, components, systems, and finishes.

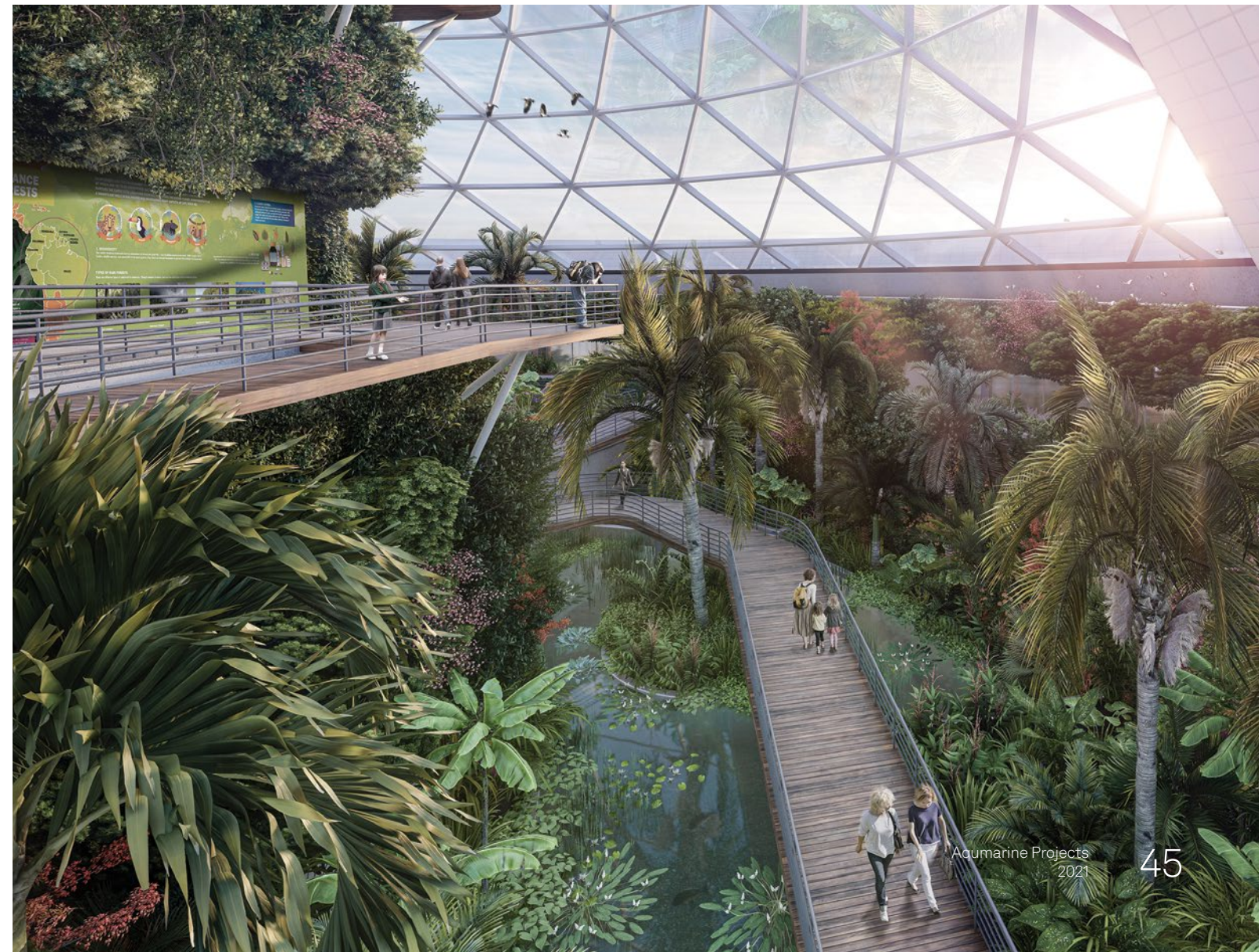
This advances the design of the project to a level of detail that allows a construction contractor to assess the full scope of the project, and so that all parties can understand how the components of the project come together.


This documentation forms the basis for tendering and negotiation with a construction contractor

Our thorough documentation ensures a high quality of work and allows us to maintain control over costs and design outcomes during construction.

Specialty engineering

Our construction drawings are more than just blueprints, they detail every step of the building process – from cost estimating to energy consumption.



An aerial architectural rendering of Galactika Park. The park features a complex network of wide, light-colored pedestrian paths that intersect at various angles, creating a grid-like pattern across green lawns. In the upper left, there is a large, modern building with a distinctive white, conical, lattice-structured roof. To its right, a circular amphitheater with a tiered seating area and a stage is visible. Further right, a row of multi-story residential buildings with red-tiled roofs is situated. The park is landscaped with numerous trees, including some with autumn-colored foliage, and various green spaces. In the bottom right corner, a portion of a road with cars is visible.

↳ Aspiring to be the social heart of the Kogalym community, Galactika Park will connect inhabitants to core entertainment, well-being, and shopping facilities, as well as each other.



Case study →

Galactika Park Kogalym, Russia

In progress. Completion due 2023.

Galactika Park is the product of a design-led approach. Drawing together engineering, ecology, community, and cultural values, we have proposed a significant new public open space. Underpinned by a strong sense of place and informed by inherent cultural values, Galactika Park is set to be a park for the people.

In an ongoing effort to build a stronger hub for the Kogalym community, we are collaborating with Lukoil to make this ambitious public space a reality.

At its core, Galactika Park will provide a physical link between key attractions and experiences within the vicinity, sitting between Galactika Sports and Cultural Complex and Yaranga Botanical Gardens. With pathways and greenbelts granting public access and leading people from one facility to the other, the time and space experienced between the two sites naturally called for something more.

The concept has resultantly evolved to include amenities that encourage community, recreation, connection, and relaxation. Incorporating walkways, sports grounds, playgrounds and gardens, the park will adapt to the season. With walkways giving way to skiing and ice skating and slides giving way to sledges, it will be enjoyed all year round.

Central to the park is an amphitheatre where the public can organize open-air cinema, theatre performances, plays and other events. With the ability to accommodate a 20-meter Christmas tree, the amphitheatre will allow the community to come together and celebrate traditional state and regional holidays.

In our concept exploration, we found a natural affinity with the three overlapping philosophies of Japanese garden design: Shin, Gyo, and So. Shin refers to the use

of human-made materials and orderliness, So relates to materials left in their original state and Gyo is a combination of both.

Our resulting design adhered to these principles, shaping our design considerations as we balanced the relationship between the natural and built environments to successfully achieve a fine balance between people and place.

A core consideration has been the selection of suitable plants to withstand the Siberian climate. With average

temperatures ranging from 30°C in the peak of summer to -45°C in the depths of winter, we knew our flora range selection had to not only meet the vision but also hold up with shifts between the seasons.

To cope with the dramatic variation of the Siberian climate the park will feature extensive planting of native plants from the entire Siberian Plateau, including planting the main lawn area with reindeer lichen.

Set to open in 2023, we can't wait to see this vision brought to life.



Total Building Area: 242,083 m²

Lawn area: 129,197 m²

Trees planted: 7000+

↳ Family
entertainment





ГАЛАКТИКА



↳ Building a stronger hub for the Kogalym community, Galactika Sports and Cultural Complex offers locals opportunities for connection, recreation and learning.



Case study →

Galactika Kogalym, Russia

Our largest project to date, the Galactika Family Entertainment Centre in Kogalym, Russian Federation, offered up many challenges during construction. Not least, creating tropical habitats in a sub-arctic climate and ensuring safe and smooth delivery of living creatures into a relatively remote region of the world far from their typical environments

Among the eventful experiences of the project, was our first site visit made at a frosty -47° – a telling sign of the conditions in which construction would take place. We worked closely with our main contractors, and had supervisors on the ground on-location, enabling us to advise on and resolve issues promptly.

Long-term commitment is part of our approach – and a complimentary audit at Galactika three years after completion ensured we could not only uncover and correct any defects, but that we learn from each process and ensure confidence in results.



Operations

Where all the hard work of good feasibility planning comes to fruition. Successful operational management of an entertainment centre is a complex equation of elements, from back of house functions, systems and processes, ticketing and productisation, to staffing considerations and the visitor experience, to visual design, flow and utilisation of a space. With living habitats added to the mix, animal well-being and mortality rates are crucial considerations. With so much to think about, this is why end-to-end planning is crucial from the very first stage of any concept. Fortunately, operational success is not a 'lock and leave' function – and we see it as something that can be continually reviewed, improved and optimised – particularly as situations and contexts shift and change in the surrounding environment and community.

Total Building Area: 38,000 m²
Visitors Per Week: 15,500
Retail Shops: 39
Entertainment Attractions: 14
Program: 36 months

Services

Animal procurement

Where we procure the inhabitants within our projects from is an important decision. We strive to practice sustainable collection, using only the best and most trustworthy partners. We preplan every step to ensure the collection, holding, shipping, customs clearance, and final transport all run smoothly.

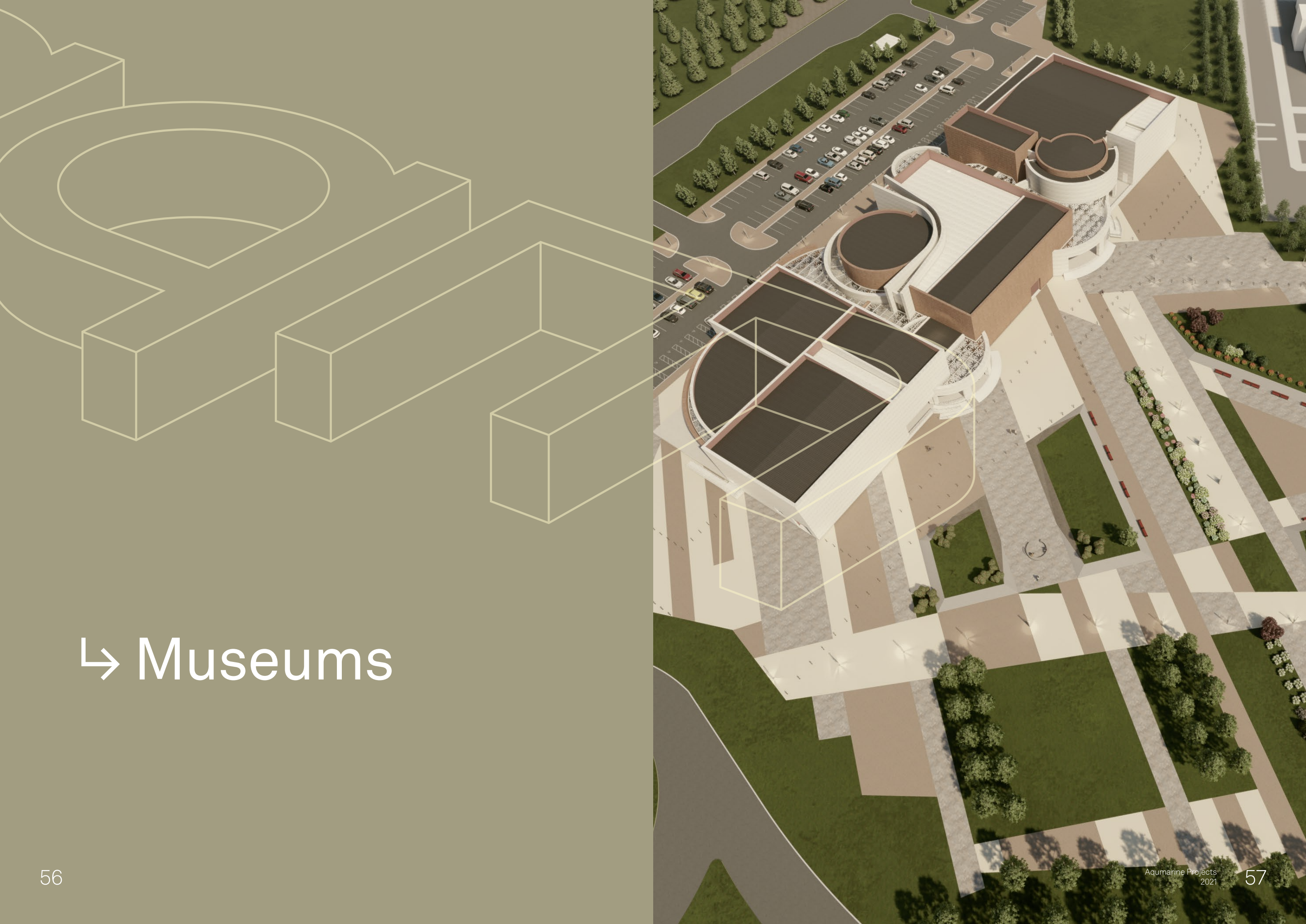
Branding

Driving attendance and revenue is key. We can assist in the design and establishment of your brand — including naming and logo design — advertising, merchandising, online communications, sales operations, event sales, and corporate partnerships. We excel in assessing and leveraging audience insight to drive brand awareness and experience.

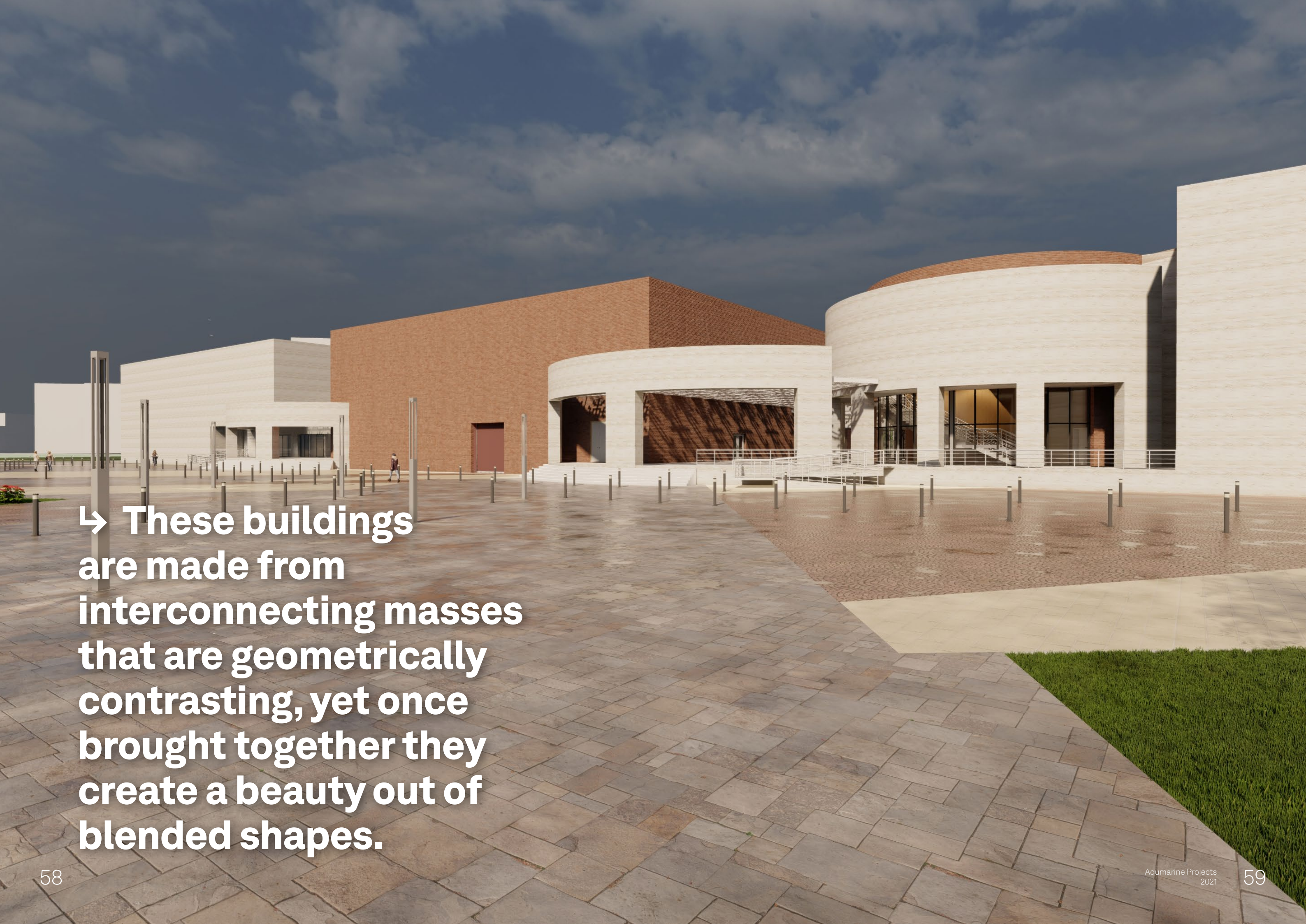
Operations and management

We provide you with the tools to maintain top quality facilities that are second to none. We do this by aligning the project with objectives, goals, and operational plans, defining specific roles for accountability, developing systems to monitor and improve practices and procedures, and developing measurable objectives. This can range from writing Operations and Management manuals, advising on marketing and promotion activities, organizing staff training, or selecting a General Manager.





↳ Museums



↳ These buildings are made from interconnecting masses that are geometrically contrasting, yet once brought together they create a beauty out of blended shapes.

Case study →

Kogalym Museum Kogalym, Russia

In progress. Completion due 2023.

These buildings are made from interconnecting masses that are geometrically contrasting, yet once brought together they create a beauty out of blended shapes.

The building geometry is similar to the content of Museums; many different subjects from art, economy, geology, culture, teach the visitor about how important a collective knowledge is to humanity.

The Museum Complex has three main parts, the Russian State Museum, a Coin Museum and the Lukoil Museum.

Russia State Museum

The Russian State Museum will display works of art that can provide glimpses into the changing character of Russia through the centuries - a window into the culture of Russia through the carefully curated objects and works of art.

All types, genres, trends and schools of Russian art from the fifteenth to the twenty first century will be represented. This could include works ranging from icons inspired by the Byzantine tradition to the socialist realism of the Soviet era through to contemporary art.

These works will represent the rich Russian artistic legacy, with worldwide and well-known names of Russian and Soviet art, and will focus on the varied

historical and cultural influences that have contributed to Russian art and its development as culturally rich, visually engaging, and emotionally compelling.

Visitors will be able to view Russian art spanning the ages: from the orthodox devotion of icons with a gold background, to the middle-class tradition of portrait and landscape, to the great upheavals of the cubist, cubist-futuristic and constructivist avant-gardes, and the 20th-century message of socialist realism.

Rather than being grouped by time period or geography, works will be organized thematically to shape the way individual artworks come to life as viewers interact with them. Visitors will be able to view each work and contemplate it alone or in relation to surrounding works.

Coin Museum

Coins give us an insight into history from the 1st millennium BC through to the present day. They reflect every part of the world. They make connections

Total Building Area: 9,000 m²

Number of Museums in the Complex: 5

Features: Coin Museum, Planetarium, Auditorium for 200 Pax. Coin Museum Administration, Lukoil Discovery, Ticketing for Lukoil Museum, Russian State Museum, Art Gallery, Education Center, Café



between what's happening locally, nationally and globally. They allow us to tell stories about civic pride or national identity, about the rise and destruction of empires, about the movement of people, and about faith and belief.

We will seek to pair objects from different places and periods in order to transcend geographic and chronological boundaries and focus on the history behind the objects and their individual and shared meanings. Thus, the exhibition is organized thematically, rather than chronologically or by object type.

Instead of setting the coins as the central theme of the display, we will structure our approach around asking the audience questions around the cultural notions embedded in a coin.

The museum will offer visitors unique insights into art, history and material culture and encourage them to make discoveries about the diversity and the commonality of the world through a narrative approach.

The museum will pioneer different ways to engage its audiences, offering them innovative experiences and a deeper understanding of the universal themes presented in the galleries.

Lukoil Museum

The museum will highlight the history, technology and progress of LUKOIL and allow its visitors to explore the history and development of the oil industry in Western Siberia.

Visitors will be able to explore the world of petroleum science from the formation of oil to the geology surrounding it, and will leave with a knowledge and understanding of the contribution the local oil industries have made to the heritage of the Khanty-Mansi area.

The displays will enable visitors to explore the region's natural, geological and human stories through pictures of people, landscapes and maps, numerous contemporary tools and devices from the oil fields.





↳ Apartments



↳ The “first of a kind” for Kogalym, Philosopher’s Stone Apartments pave the way for high-rise development and modern liveability within the area.



Case study →

Philosopher's Stone Kogalym, Russia

In progress. Completion due 2023.

These apartments commissioned by Lukoil propose a mixture of residential, commercial, and social infrastructure all within one development. A first in terms of this construction and design theory within Kogalym, Philosopher's Stone Apartments complement other progressive projects we have undertaken with this client for the local community.

Total Building Area: 71,037 m²

Apartments: 540

Commercial spaces: 9,354 m²

We have taken our inspiration from the shapes of the squared circle, the symbol of the fabled Philosopher's Stone - triangle, circle and square.

The Philosopher's Stone Apartments respond to the changing social context of Kogalym, providing future-proofed housing that meets the needs of both current and subsequent generations. Applying modern design principles throughout the development, we can improve liveability through enhanced internal and external apartment amenity, contributing to positive living environments and resident well-being.


Throughout the apartment's three blocks, we have proposed a mixture of apartment sizes to facilitate greater choice for Kogalym's different demographics, living needs and household budgets.

The project also contains a Children's Medical Clinic and a Smart Library for the Residents of the City of Kogalym.

We hope to generate social dynamism through the creation of different types of communal spaces for a broad range of people, providing opportunities for social interaction amongst the residents of the buildings.

With the initial concept design approved and Technical Design soon underway, we are looking forward to seeing this progressive project come to life in Kogalym.





↳ Designed in the shape of the LUKoil logo, these apartments commissioned by their namesake propose a mixture of residential, commercial, and social infrastructure all within one development.

Case study →

LUKoil Apartments Kogalym, Russia

In progress. Completion due 2023.

Inspired by Russian Cubism and the industrial styles of the shapes and lines found in this art movement, LUKoil Apartments complement Kogalym's surrounding landscape.

LUKoil Apartments development responds to the changing social context of Kogalym, providing future-proofed housing that meets the needs of both current and subsequent generations. Applying modern design principles throughout the development, we can improve livability through enhanced internal and external apartment amenity, contributing to positive living environments and resident well-being.

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With initial concept design approved and Technical Design soon underway, we are looking forward to seeing this progressive project come to life in Kogalym.



Total Building Area: 56,456 m²

Apartments: 338

Commercial spaces: 3,415 m²

Teen and youth center: 5,500 m²





Project investment opportunities

We're inspired by challenges. We've built our business on being adaptable, working in the world's most unique, complex and demanding contexts. We pride ourselves on being able to craft solutions which inherently fit their context.

Whether you are interested in exploring new concepts or investing in our projects — we are ready to shape your vision for the future. Have a look at the investment opportunities below, contact us if you are interested.

Moscow

Capital Investment	\$ 68,450,000 USD
Local Capital	\$ 68,450,000 USD
Project Financing (Bank Loans)	\$ 0 USD
Annual Sales	\$ 25,740,743 USD
Annual Operating Costs	\$ 11,477,898 USD
Annual EBITDA	\$ 12,696,018 USD
Steady State Return on Investment	11.6 %
Return on Equity	11.6 %
Break even visitor numbers	1,216,543
10-Year IRR	9.2 %
10-Year Modified IRR *	7.4 %

Yalta

Capital Investment	\$ 45,000,000 USD
Local Capital	\$ 31,500,000 USD
Project Financing (Bank Loans)	\$ 13,500,000 USD
Annual Sales	\$ 18,710,339 USD
Annual Operating Costs	\$ 7,282,058 USD
Annual EBITDA	\$ 11,428,281 USD
Steady State Return on Investment	15.6%
Return on Equity	22.3%
Break even visitor numbers	634,213
10-Year IRR	14.7%
10-Year Modified IRR *	9.9%

Jakarta

Capital Investment	\$ 60,000,000 USD
Local Capital	\$ 30,000,000 USD
Project Financing (Bank Loans)	\$ 30,000,000 USD
Annual Sales	\$ 43,824,356USD
Annual Operating Costs	\$ 16,643,920 USD
Annual EBITDA	\$ 27,180,437 USD
Steady State Return on Investment	27.7%
Return on Equity	54.4%
Break even visitor numbers	2,023,214
10-Year IRR	34.7%
10-Year Modified IRR *	16.9%

Bali

Capital Investment	\$ 46,122,565 USD
Local Capital	\$ 23,061,565 USD
Project Financing (Bank Loans)	\$ 23,061,565 USD
Annual Sales	\$ 31,922,282 USD
Annual Operating Costs	\$ 16,220,984 USD
Annual EBITDA	\$ 15,701298 USD
Steady State Return on Investment	18.7 %
Return on Equity	37.5 %
Break even visitor numbers	860 139
10-Year IRR	23.0 %
10-Year Modified IRR *	13.1 %

aquamarine

Portfolio

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Contact

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