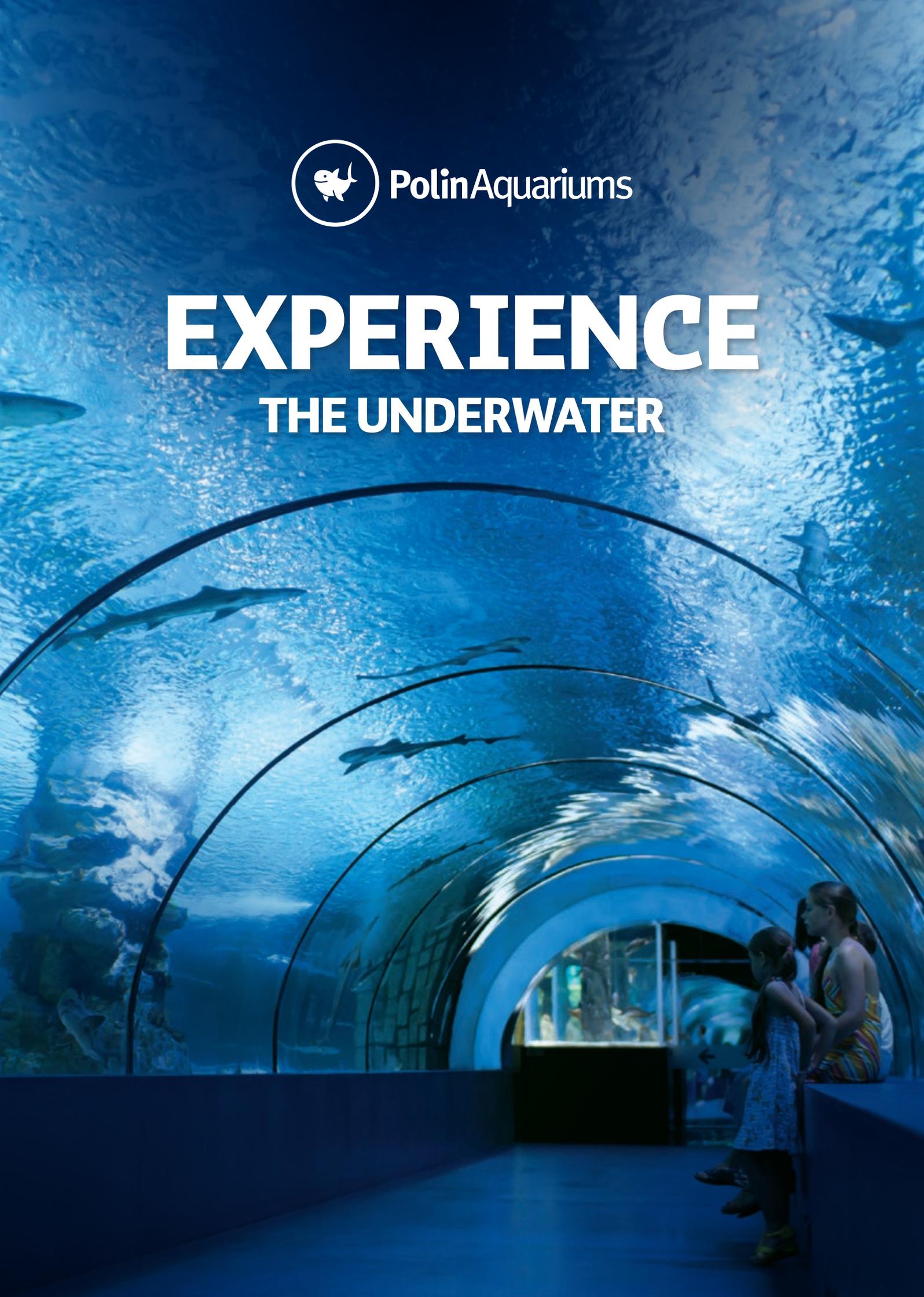




PolinAquariums

EXPERIENCE THE UNDERWATER





Polin Aquariums, as the result of the partnership between Polin and Ocean Aquariums, has a team of experts that can provide all details needed in projects including conceptual designs, engineering, architecture, construction, business plans, procurement of living creatures and brand identities. With this team of experienced architects, engineers, biologists, veterinarians and technical experts, the success of the attraction centers is built with a deep knowledge and wealth of experience.

A DEEP IMAGINATION

The power of collaboration comes to life in the partnership between Polin and Ocean Aquariums. Plumb the depths of your imagination and let Polin Aquariums turn your ideas into educational and entertaining spaces.

A DEEP EXPERIENCE

Public aquariums are complex; maximizing the number of exhibits while maintaining operational and structural integrity takes experience and skill. Using advanced concrete construction, mechanical and electrical systems and information technology Polin Aquariums is focused on providing the world's best aquatic habitats and the best environments in which to view them. With 12 different aquarium projects carrying a total of more than 35 million liters of water and almost 20 million visitors by the end of 2019, Polin Aquariums are at the forefront of the industry.



WHAT IS UNIQUE ABOUT POLIN AQUARIUMS?

DESIGN + CONSTRUCTION + MANAGEMENT

Polin Aquariums specializes in designing and constructing living attractions that educate and entertain. As one of the few companies in the world that develops large-scale aquariums, terrariums and other zoological exhibits, Polin Aquariums employs experienced design, construction and husbandry staff that take projects from concept to completion. These professionals include architects, interior designers, zoologists, marine biologists, mechanical engineers, electrical engineers, artists and sculptors.

PUBLIC AQUARIUM DESIGN

Imagine your journey through your perfect public aquarium. What does it look like? What does it feel like? Our architects and designers help bring your concept to life in collaboration with our planners, estimators and engineers, we are able to anticipate many of the technical and biological challenges that these specialist projects present. This integrated development approach means that each project is guaranteed to be both unique and ideally suited to its inhabitants.



CONSTRUCTION MANAGEMENT

Polin Aquariums knows that no matter how beautiful the building, the real stars of the show are the aquatic animals that live in the aquariums. So, whether it's specialized concrete mixes and waterproofing or the use of non-toxic materials for the internal fit-out, you can be assured that our team of experts always has the welfare of the animals in mind.



LIFE SUPPORT SYSTEMS

Life Support Systems (LSS) are the backbone of every public aquarium and comprise the filtration and water recycling systems used to ensure the health and wellbeing of aquatic animals. Polin Aquariums employs a team of mechanical engineers, aquaculture specialists, marine biologists and aquarium curators that ensure the systems we design and install are perfectly suited to the animals in each exhibit. Automation specialists work with this group to regulate mechanical tasks and calibrate system settings to fine-tune each habitat.

ARTIFICIAL ENVIRONMENTS & DECOR

Our designs are driven by a deep understanding of the needs of our aquatic animals and their visitors. This understanding demands detail-oriented methods and specialized construction techniques which results in beautiful exhibits and nurturing habitats.



AQUARIUM INSTALLATIONS

The installation of individual aquariums takes place during the construction of the public aquarium structure.

AQUATIC ANIMAL PROCUREMENT & ACCLIMATION

Polin Aquariums' zoologists and aquatic experts carefully choose species for exhibits that thrive in artificial environments. Wherever possible, these species are captive-born and transferred from other, similar facilities. Only if a captive-born animal is not available will we source wild-caught species and even then, only from partners with sustainable sourcing practices.

We understand the responsibility we have to protect and properly care for the animals used in our exhibits and we carefully ensure that all aquatic animals are transported, acclimated and quarantined according to international standards.



OTHER ATTRACTION AMENITIES

The inclusion of supplemental spaces such as meeting rooms, souvenir shops, cafes and restaurants in public aquarium designs can offset operation costs and increase the amount of time visitors spend inside the facility.



SERVICE AND MAINTENANCE

Polin Aquariums offers a service and maintenance package to help ensure that Life Support Systems (LSS) continue to perform their required functions and maintain healthy habitats for the aquatic animals in each exhibit.



MANAGEMENT

Polin Aquariums operates several aquariums and knows what it takes to manage one. We offer a management package that provides business support and solutions to help your facility run smoothly.

OUR SUPPORT NETWORK

ALTINOLUK STORAGE AND QUARANTINE FACILITY

The Polin Aquariums storage and quarantine complex is located in Altinoluk, Turkey handles the acquisition of Mediterranean aquatic animals. Controlling the procurement and acclimation processes means that we provide our aquariums with only the healthiest and most beautiful specimens.



ISTANBUL STORAGE AND QUARANTINE FACILITY

This Polin Aquariums storage and quarantine complex is located in Umraniye and handles the acquisition of tropical aquatic animals. With a capacity to hold 120 tons of water volume and 520 Kg of living species, this facility is the largest in Turkey. These animals are brought from all over the world and are delivered to aquariums in custom-designed containers to provide our aquatic animals with the most comfortable and least traumatic shipping experience.



ESKISEHIR SCENERY DESIGN AND PRODUCTION FACILITY

Master sculptors work closely with members of the project team to design the three-dimensional thematic elements that are incorporated into attraction exhibits. At the Eskisehir Scenery Design and Production Facility, these initial concepts are prototyped and tested before being put into production.



ESKISEHIR MATERIALS PRODUCTION FACILITY

Polin Aquariums has the ability to formulate specific mixes of synthetic sea salt to match each destination facility's size, capacity and salinity levels and we use advanced OceanTech™ filters and protein percolators to ensure that habitats remain as natural as possible anywhere around the world.





**WHO IS
POLIN AQUARIUMS?**

RISING TREND OF THE BRAND CITIES AND SHOPPING MALLS

PUBLIC AQUARIUMS

Whether the investment is in a large public aquarium complex as a center of attraction or a mid-size aquarium as an addition to a shopping mall, the attraction power and prestige they provide create long term ROI through entrance fees, souvenirs, photos and restaurants.

These additional revenue generators provide visitors with a full day of activities and attractions to keep their attention. Whether it is families enjoying playground areas and food/beverages or business groups utilizing special meeting rooms, the aquarium complex provides visitors with the functionality they need while they experience the visually-stimulating underwater display.



NOT JUST AN ENTERTAINMENT DESTINATION

Polin Aquariums' attractions and exhibits come in all shapes and sizes and are designed to do more than just educate and entertain. Key amenities like private meeting rooms not only provide additional streams of revenue, they also enhance the image of the complex. Whether it's a school field trip, a romantic evening or an important meeting, everyone can find something at a public aquarium.

These multi-functional facilities are beneficial to not only local communities but are also tourist attractions. Tourists may obtain information about exhibited living creatures either through audio guides given out at entrances or boards and screens located close to the aquariums. Exhibits that focus on regional creatures and their natural habitats are especially interesting to tourists.

The educational experience of Polin Aquariums can be endless, from regional to exotic attractions with creatures in habitats such as lakes, rivers, creeks and seas all around the world. Visitors not only soak up the knowledge about these unique animals, but also relish in the magnificent visual experience as they are submersed in their habitats through Tunnel Aquariums. Visitors get an up-close and personal experience with these creatures in their habitats as they walk through underwater tunnels. Among these creatures are sharks, one of the most popular and exciting creatures found in Tunnel Aquariums. These tunnels offer something for everyone.

polinaquariums.com



PolinAquariums



TOUCH POOLS & EDUCATIONAL AQUARIUMS

Touch pools are the most intimate experiences guests can have at a public aquarium. From shallow exhibits featuring starfish, crabs and coral to deeper, semi-open aquariums that house harmless sharks and rays, Polin Aquariums' touch pools are custom-designed to amaze and delight.



PENGUINS & ARCTIC BIRDS EXHIBITS

Who can resist a bird in a tuxedo? Arctic bird exhibits are often the most popular attractions and one of the most difficult to design. The climate and life support systems must be calibrated perfectly to allow these Antarctic animals to flourish in their environment and Polin Aquariums works hard to provide the perfect habitat for these amazing creatures.



AQUARIUM WATER SLIDES

Partnering with Polin Waterparks, Polin Aquariums offers a waterslide and aquarium exhibit that sends guests flying into the middle of a shark tank in a closed-flume, transparent acrylic waterslide. As guests enter the tank through the slide, the sharks react to their movement and the result is an adrenaline-pumping thrill ride. A perfect expansion project for medium to large water parks, the Aquarium Waterslide is provided as a complete, turnkey package including décor, living species, life support systems and maintenance planning.



AQUARIUM CAGE DIVING

Aquarium cage diving is a big step up from the touch pools and is the ultimate immersive aquarium experience. Large tanks that support these activities can also be added to zoos, water and theme parks to diversify entertainment offerings. There are different cage options and depending on the tank size and variety of aquatic animals, acrylic can be used for an unobstructed view.

Not only can the immersive experience be done in tanks but also in terrariums or paludariums where exotic species such as crocodiles can be viewed using either scuba or snorkel equipment. The variety of aquatic animals can range from large and intimidating creatures to the most gentle kinds.



SPECIAL DESIGN PROJECTS

Polin Aquariums challenges the boundaries of imagination with its architectural elements and ingenuity. Our development of complex and large-scale aquatic projects like the transparent acrylic rooftop aquarium in Turkey and the world's largest aquarium in Turkmenistan, have given us the experience to turn your unique concept into an awe-inspiring and successful attraction.



AQUARIUM SWIMMING POOLS

Imagine swimming through a large, open-air oceanarium full of coral reefs, harmless sharks, thornback rays and hundreds of tropical fish of a variety of sizes and colors...

Aquarium Swimming Pools feature large, open spaces where visitors and their guides interact with docile aquatic animals. Whether it's feeding a friendly shark or swimming with tropical fish, this exhibit brings the feeling of the open ocean to your public aquarium.

These interactive environments are prepared with in-depth consideration of safety for both the creatures and their excited visitors. With artificially salinized water, Polin Aquarium's specialized team can bring the ocean experience anywhere in the world.



OUTDOOR & WATERFALL AQUARIUMS

By selecting species that thrive in changing temperature environments, Polin Aquariums offers outdoor exhibits where visitors can learn and observe creatures in their natural habitat. The incorporation of waterfalls enhances not only the aesthetic experience but the water in movement creates soothing sounds, adding immeasurable value to your park. As an expansion project or secondary focal point, these aquariums provide color and variety to any amusement complex.



UNDERWATER ACRYLIC POLISHING

Polin Aquariums' team of experienced maintenance technicians and divers are well-trained in this delicate process and routinely perform it for aquariums around the world.

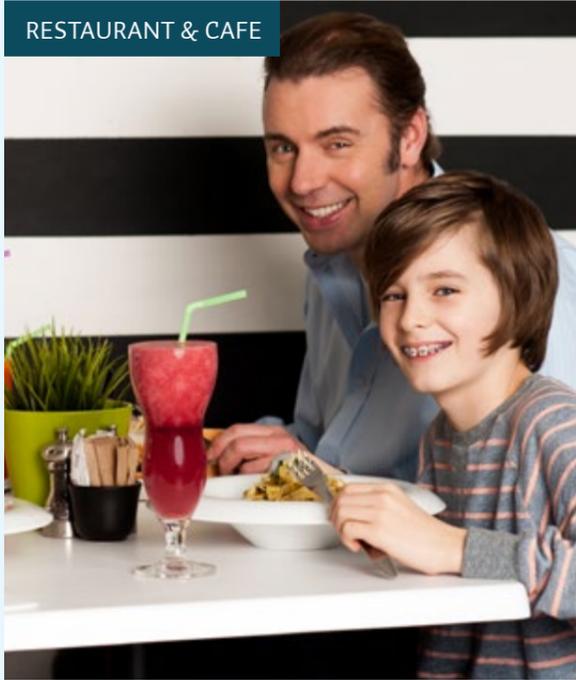


MANAGEMENT, ACCOUNTING, AUTOMATION

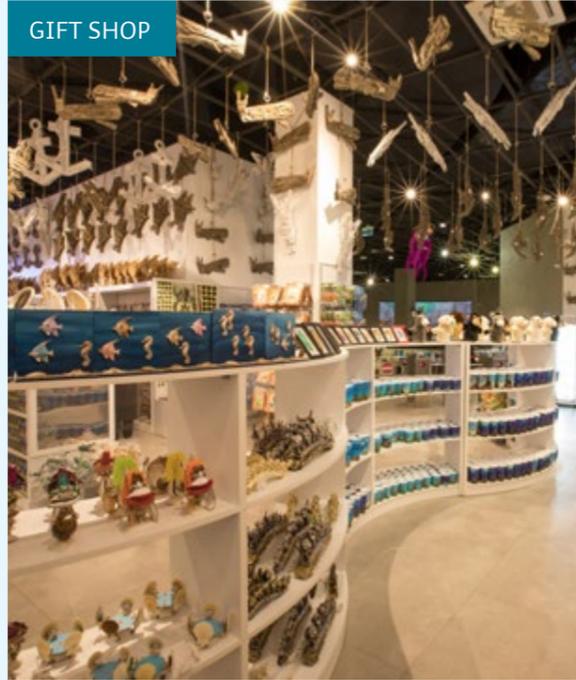
Polin Aquariums offers detailed business solutions and support for aquarium projects including ticket office software, accounting integration, souvenir photo operation, souvenir collection, brand communication and business plans.

From concept to completion and beyond, Polin Aquariums is dedicated to the successful growth and seamless operation of its partners around the world.

RESTAURANT & CAFE



GIFT SHOP



GREEN SCREEN PHOTOGRAPHY



XD **GAMELAND** NEMA



COMPLEMENTARY BRANDS & TRADEMARKS FOR A MORE PROFITABLE ATTRACTION CENTER

COMPLEMENTARY SERVICES EVERYTHING YOU NEED FOR AN ATTRACTION CENTRE

Polin Aquariums can provide the same kinds of complimentary services as Polin Safari Parks, including measures to **increase profitability** and continually improve guest experience. These services are carefully planned according to the project area and project features.





funtastic
aquariums



FUNTOGRAPHY
SOUVENIR PHOTOGRAPHY



POLAR PLANET
SNOW + ICE + FUN

INDOOR SNOW LAND • ICE MUSEUM • SKI TRACKS



OCEAN'S COLLECTION
SEA SHELLS & FOSSILS

SEA SHELLS & FOSSIL MUSEUM

funtastic
happy souvenirs

WILD SHIRTS
Relics of nature

OCEANRIDE
SUBMARINE ADVENTURE
XD CINEMA

FLYING CARPET
AROUND ANTALYA
вокруг Анталии

LOCALIZED AERIAL VR EXPERIENCE

GAMELAND

BOWLING Fantasy

Gelato di Fantasia
ICE CREAM

CAPTAIN'S MUG
BEST COFFEE SHOP IN HARBOR



PolinAquariums

COMPLETED PROJECTS

Antalya Aquarium, Antalya - Turkey

World's biggest tunnel aquarium

Via Sea Aquarium, Istanbul - Turkey

Istanbul's longest tunnel aquarium

Aqua Vega, Ankara - Turkey

Turkey's longest tunnel aquarium inside a shopping mall

Via Aquarium NY, New York - The U.S.A.

Funtastic Aquarium İzmir - Turkey

Aqua Diyarbakır, Diyarbakır - Turkey

Eti Underwater World, Eskisehir - Turkey

Avaza Congress Center Aquarium, Avaza - Turkmenistan

World's biggest floor aquarium with a single acrylic panel

Osmaniye Aquarium, Osmaniye - Turkey

Next Level Shopping Mall, Ankara - Turkey

Sea World, Ankara - Turkey

Turkey's First Public Aquarium

Kecioren Outdoor Aquarium, Ankara - Turkey

Turkey's First Outdoor Aquarium

ONGOING PROJECTS

National Aquarium, Abu Dhabi - UAE

Park of Poland, Warsaw - Poland

VGP Marine Kingdom, Chennai - India

Bhavani Island, Vijayawada - India

Bellewaerde, Ypres - Belgium

A DEEP
EXPERIENCE

ANTALYA AQUARIUM

Antalya, Turkey

Antalya Aquarium is one of the most frequently visited sites in Turkey, having seen more than two million visitors in its first two years of operation, beginning in August of 2012. Drawing intense interest from tourists, schools and student groups all over Turkey, this aquarium continues to astonish visitors and was named “best tourism investment” in 2013 by Capital Magazine.

WORLD’S BIGGEST TUNNEL AQUARIUM



AQUA VEGA AQUARIUM

Ankara, Turkey

Located in the heart of the capital, Aqua Vega Aquarium features a 105 meter tunnel aquarium, themed tanks, touch pools, a cafeteria and a souvenir shop. Polin Aquariums shares the space with a reptile house filled with other interesting and exotic animals.

TURKEY’S BIGGEST SHOPPING MALL PUBLIC AQUARIUM



VIA SEA AQUARIUM

Istanbul, Turkey

This tunnel aquarium measuring 88 meters in length is located in the Viaport Marin aquarium complex built by Via GYO in Istanbul Tuzla. The longest tunnel aquarium in Istanbul, it's themed exhibits, touch pools, tanks and impressive 5.5 million-liter capacity make this a destination for visitors from all over the world.

WORLD’S FIRST CLIMATE THEMED PUBLIC AQUARIUM



VIA AQUARIUM NY

New York, The U.S.A

This educational project was completed in 2016 and features themed aquariums, a large koi touch pool, a training classroom and comprehensive underwater life museum. Polin Aquairums provided complete turnkey delivery of this special shopping mall aquarium.

EDUCATIONAL PUBLIC AQUARIUM



IZMIR AQUARIUM

Izmir, Turkey

This brand-new public aquarium features 2,500 m² of indoor themed aquariums, touch pools, a large main tank and a tunnel aquarium. An important example of the potential impact of mall and attraction partnerships, it is also the first public aquarium in the Aegean Region.

IZMIR'S FIRST PUBLIC AQUARIUM



ETI UNDERWATER WORLD

Eskisehir, Turkey

This public aquarium complex features not only 30 separately-themed aquariums and a 19 meter tunnel aquarium, but also 6 terrariums in which deadly tropical amphibians are housed. The 2,400 m² space, which was designed for the Eskisehir Metropolitan Municipality also includes a shell museum, souvenir shop and private cafeteria.



AQUA DIYARBAKIR

Diyarbakir, Turkey

Located in the Ceylan Karavil Shopping Mall, the Aqua Diyarbakir public aquarium features 3,500 m² of indoor themed aquariums, touch pools, a main tank and a tunnel aquarium.

Uniquely, the main tank features three different concepts on display. Opening in February of 2015, it is the first public aquarium in Southeastern Anatolia.

THE FIRST PUBLIC AQUARIUM IN SOUTHEASTERN ANATOLIA

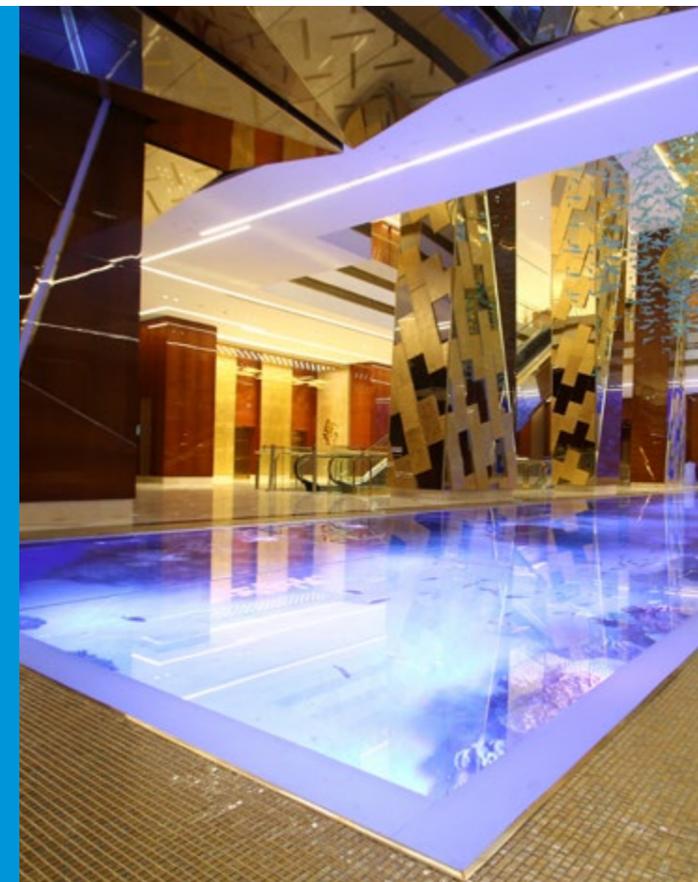


AVAZA CONGRESS CENTER

Avaza, Turkmenistan

The public aquarium in the Turkmenistan Turkmenbashi (Presidency) Avaza Congress Center began construction in June of 2014 and opened in July of 2015. It features the world's largest mono-block acrylic-plated ground aquarium. At 32 meters long, 6 meters high and 1.5 meters tall, this monumental attraction is sure to delight and inspire. An additional nearby feature is a wall aquarium that stands 6 meters tall.

WORLD'S LARGEST FLOOR AQUARIUM



OSMANIYE AQUARIUM

Osmaniye, Turkey

Designed to be an underwater museum, this impressive aquarium has 12 themed tanks, including a special ceiling exhibit that features the very popular Mediterranean sharks and other invasive species. A shell museum located in the center adds color and texture to this education-focused attraction.



UNDERWATER MUSEUM

SEA WORLD

Ankara, Turkey

This public aquarium features a stunning 16-meter tunnel aquarium and 12 other 6-meter aquariums, as well as a cylindrical aquarium, touch pools and a meeting room. This 2,700 m² attraction is the first aquarium ever built in Turkey.



TURKEY'S FIRST PUBLIC AQUARIUM

NEXT LEVEL SHOPPING MALL

Ankara, Turkey

The acrylic panels that make up the bottom of four ornamental pools with a total surface area of 660 square meters, act as skylights for the shopping mall below. The specially-designed panels required unique engineering solutions for function as well as maintenance. The water quality for clarity and life support systems make this project one-of-a-kind and bring light and excitement to visitors as they explore the retail areas below.



A GIANT AQUARIUM ON THE ROOF OF A SHOPPING MALL

KECIOREN OUTDOOR AQUARIUM

Ankara, Turkey

This unique open-air public aquarium is located in the Fatih Sultan Mehmet Park. At 35 meters in length and capable of holding approximately 300 tons of water, this attraction is the first and only open air public aquarium in Turkey.



THE FIRST AND ONLY OUTDOOR PUBLIC AQUARIUM IN TURKEY

ONGOING AQUARIUM PROJECTS



NATIONAL AQUARIUM

Abu Dhabi, U.A.E.

At 5,700 m², the Alqana Aquarium is the largest aquarium in the Middle East and is home to more than 10,000 aquatic animals with the proper units to care for them such as quarantine, laboratory and bait preparation units. But what truly makes this facility special is that it is designed to be accessible to everyone. This aquarium features WAZA and EAZA-compliant barrier-free circulation areas and other inclusive elements such as extra narration systems for visually impaired and diving equipment for spinal cord paralysis. The design is focused on helping as many people as possible enjoy their experience.

THE LARGEST
PUBLIC AQUARIUM IN THE MIDDLE EAST



PARK OF POLAND

Warsaw, Poland

Polin Aquariums has designed and is currently delivering a special 20-ton freshwater aquarium for this amazing project, which also features Europe's largest water park.



VGP MARINE KINGDOM

Chennai, India

This project features a outstanding 70-meter tunnel aquarium and big special aquariums, as well as a cylindrical aquarium, touch pools and a meeting room. This 7,500 m² attraction is the first aquarium ever built in India, exhibiting more than 5,000 aquatic animals.

INDIA'S FIRST PUBLIC AQUARIUM



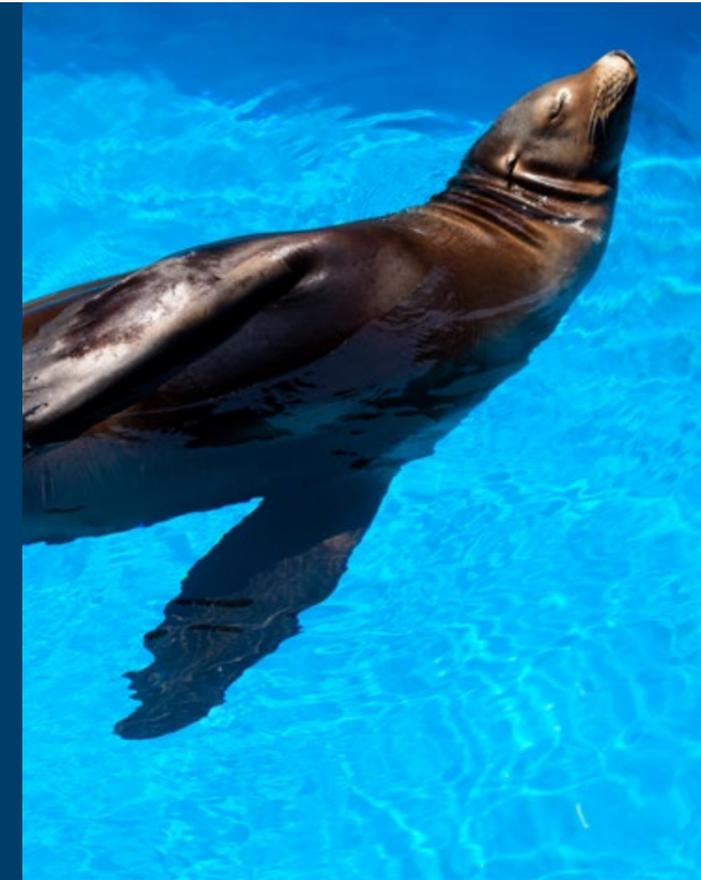
ONGOING AQUARIUM PROJECTS



BHAVANI ISLAND

Vijayawada, India

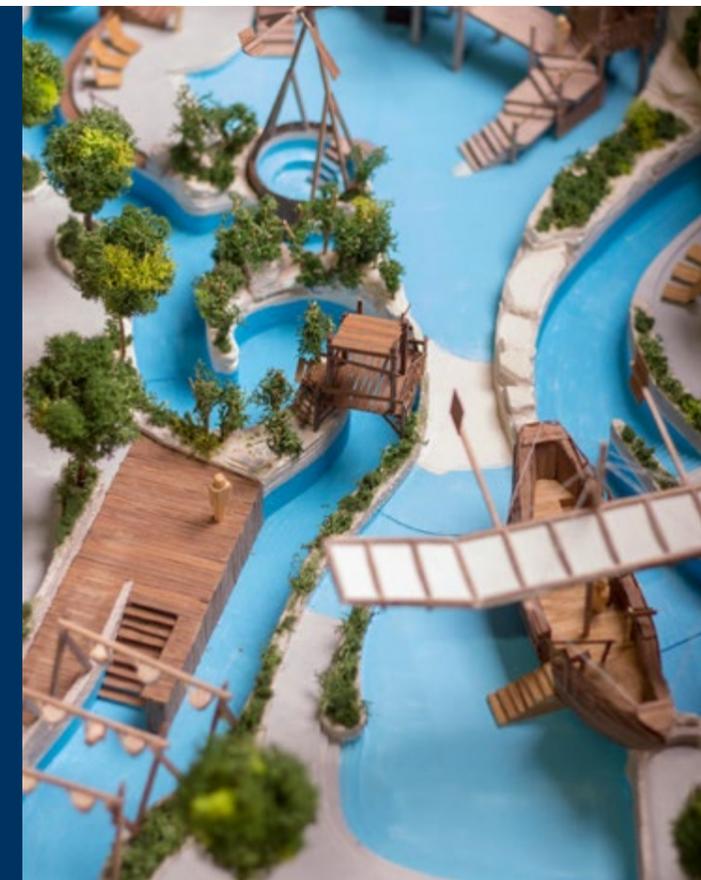
Bhavani is an island operated by Bhavani Island Tourism with a vision to be a "touristic island" near Krishna River in Vijayawada. Polin Aquariums has developed several attractions for this "tourist island" including sea lion, bird show and aviary exhibits. Not only will Polin Aquariums provide these beautiful exhibits but they will also be operating and maintaining this park for one year after opening in mid 2020.



BELLEWAERDE

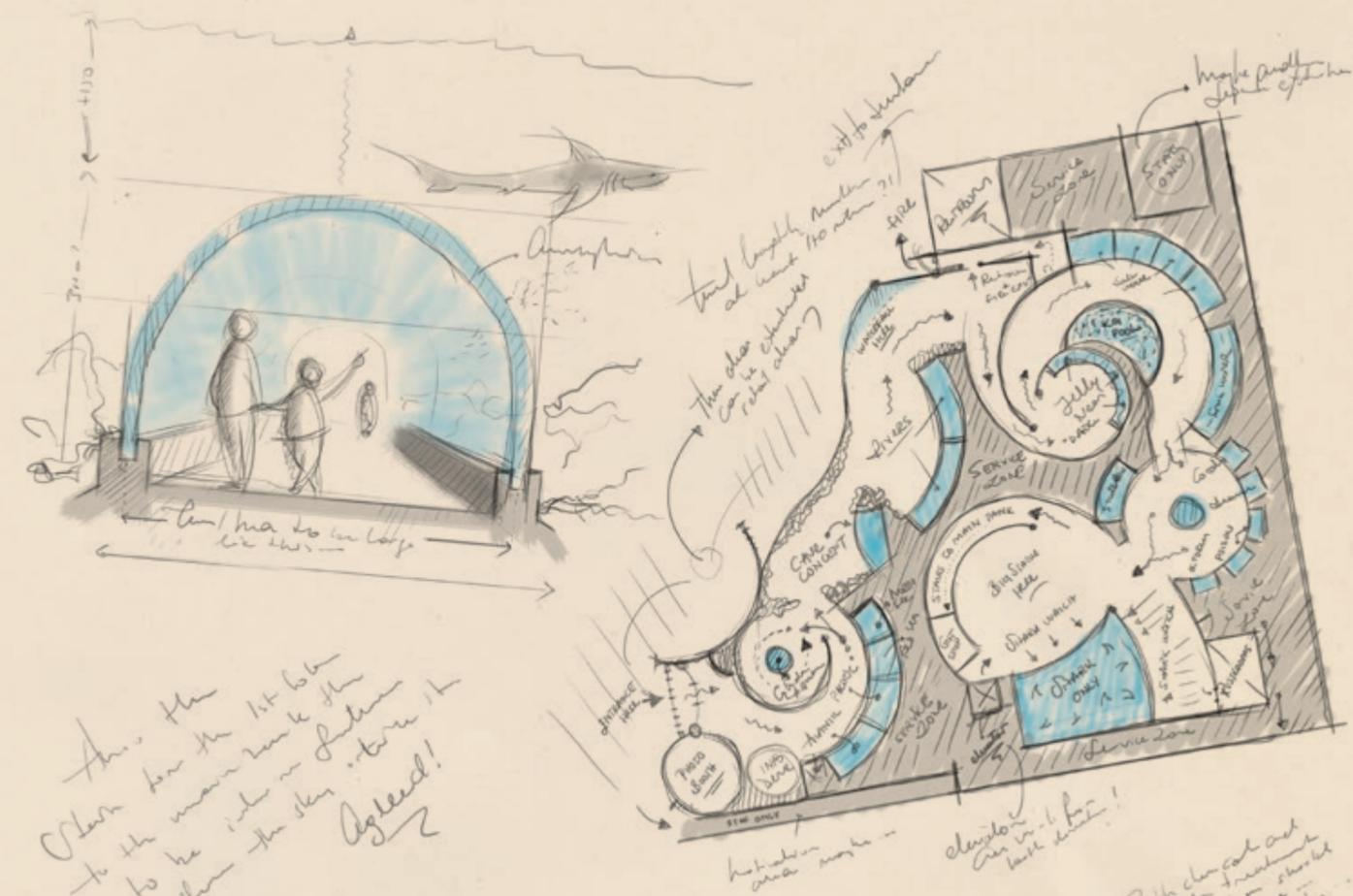
Ypres, Belgium

With a value of over 17 million euros, Bellewaerde Theme park is an impressive 3000 square meter all-inclusive park. Polin Aquariums is proud to provide the most unique themed submarine design with 3 meters of water depth located near the park's lazy river. This design includes a submarine on the outside with an aquarium on the inside. The acrylic openings allow visitors to enjoy the beautiful aquarium creatures as they float by on boats in the lazy river.

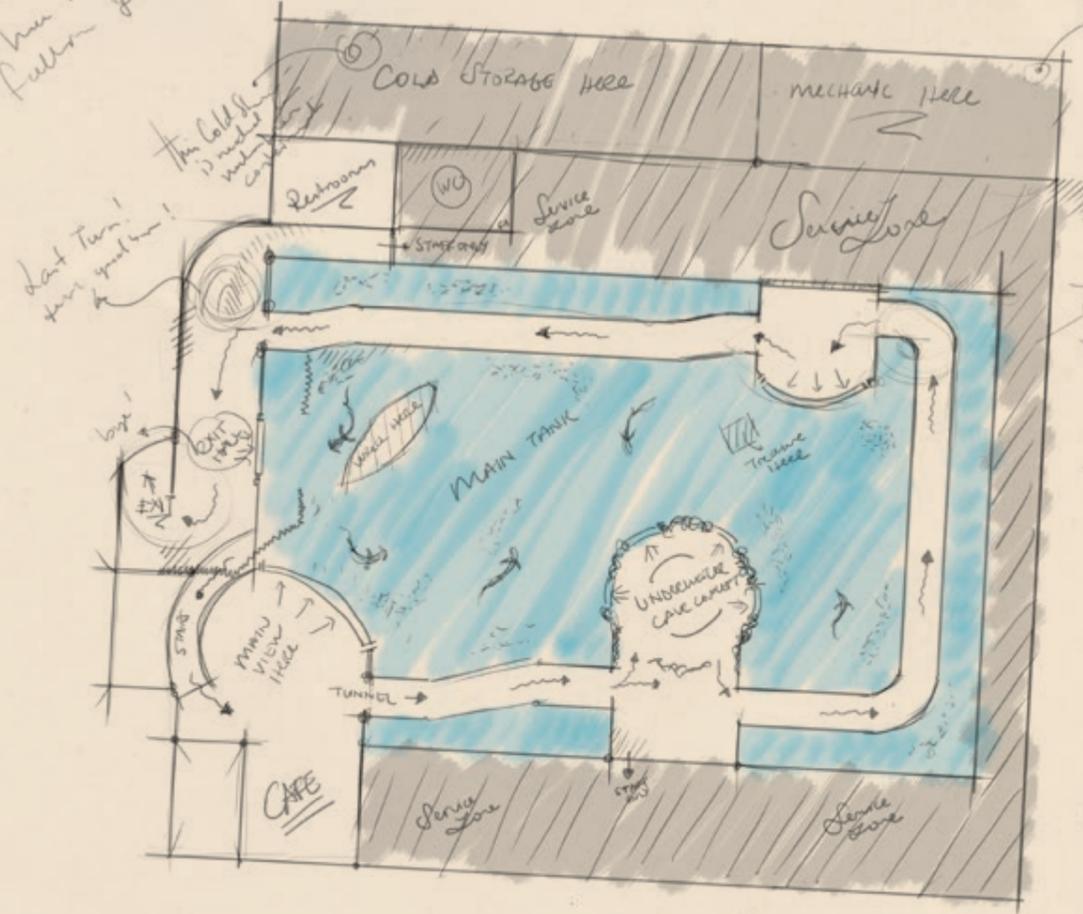




 Polin Aquariums by  Polin Waterparks
 THE EXPERIENCE



This the
 clear for the 1st floor
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 fullon from the sky return it
 Agreed!



The main and
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PolinAquariums



PolinAquariums

by



PolinWaterparks

THE EXPERIENCE

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