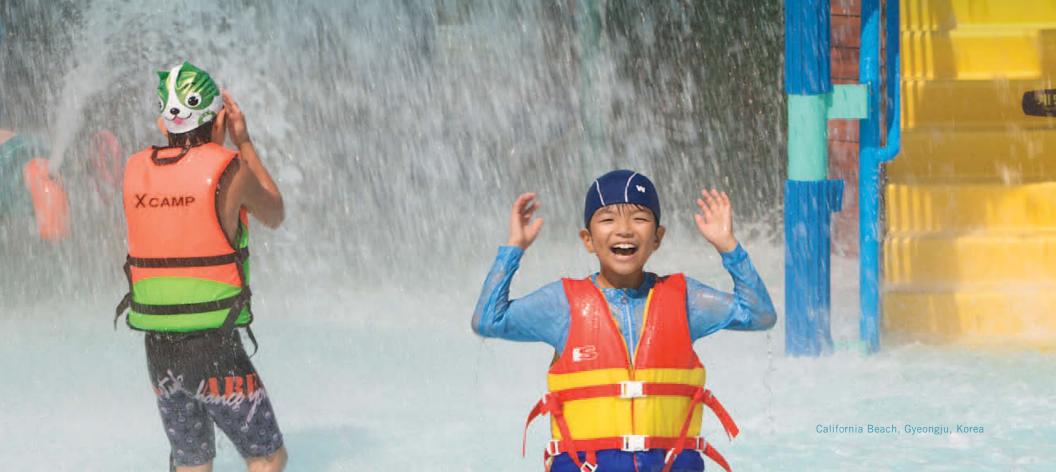


It requires an understanding of the many personalities of water and the ways that people interact with it.



"IF THERE IS MAGIC ON THIS PLANET, IT IS CONTAINED IN WATER."

- Loren Eiseley, *The Immense Journey,* 1957

AN ATTRACTION TO WATER



Water is one of the most powerful tools a designer has to work with. People are drawn to it. It plays to all of our most basic emotions and it fills us with a gratification that exceeds the delight of the senses.

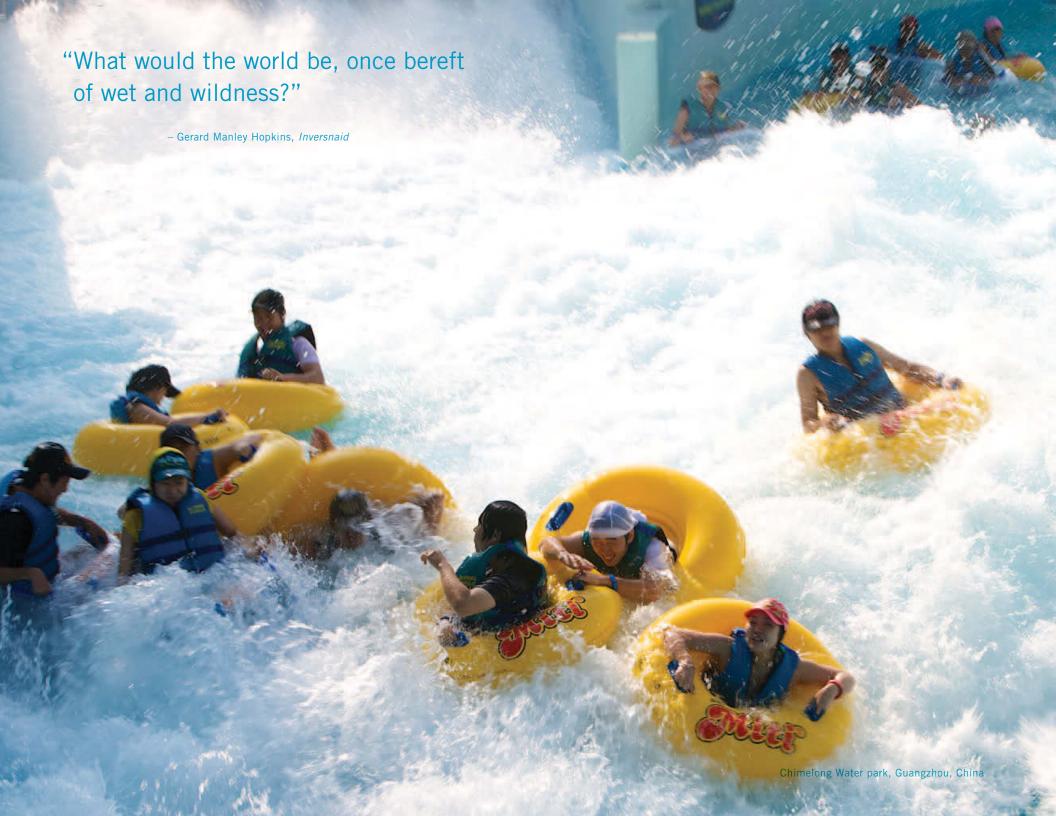


changing in form, mood and colour. It is

beautiful and delightful.

ment that water brings. Besides being peaceful and refreshing, water is also recreational – it is possibly the world's first playground. A quiet pond or fountain intended as a soothing landscape feature can just as easily be a noisy impromptu splash-pad. Water is constantly

water park innovators. You could say that we owe it all to the magic of water.



The most important thing to remember about a water park: it is a *park*.

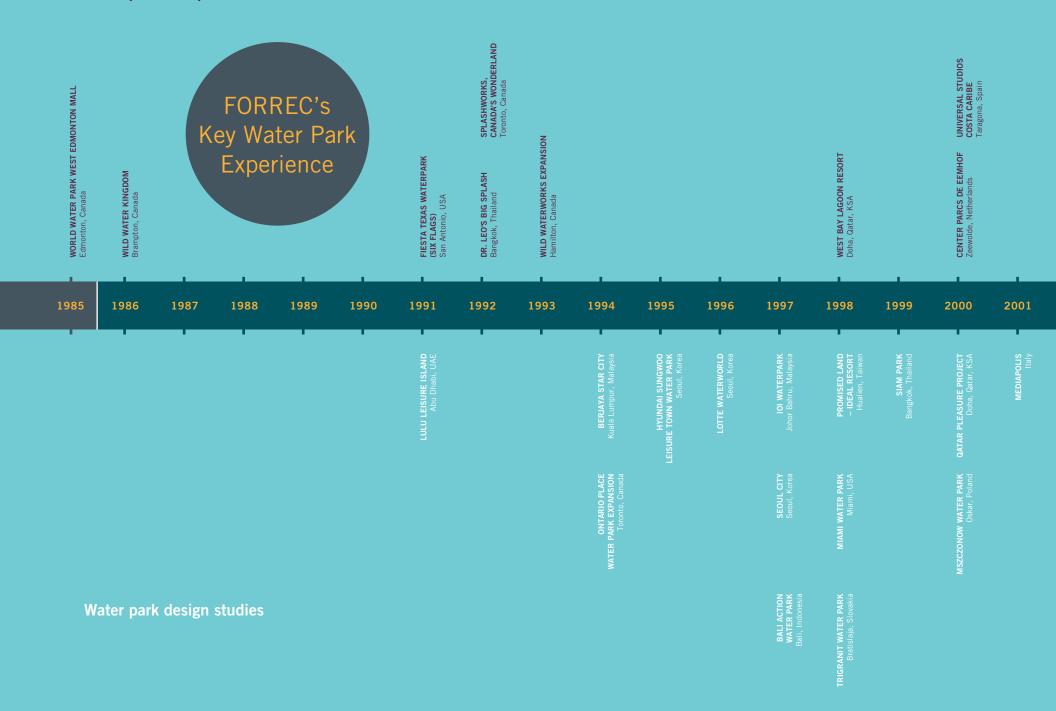
At any given moment, there are people playing, eating, lounging and strolling. They might also be swimming, splashing, squirting, sliding, plunging and paddling – or simply enjoying a day out with the family.

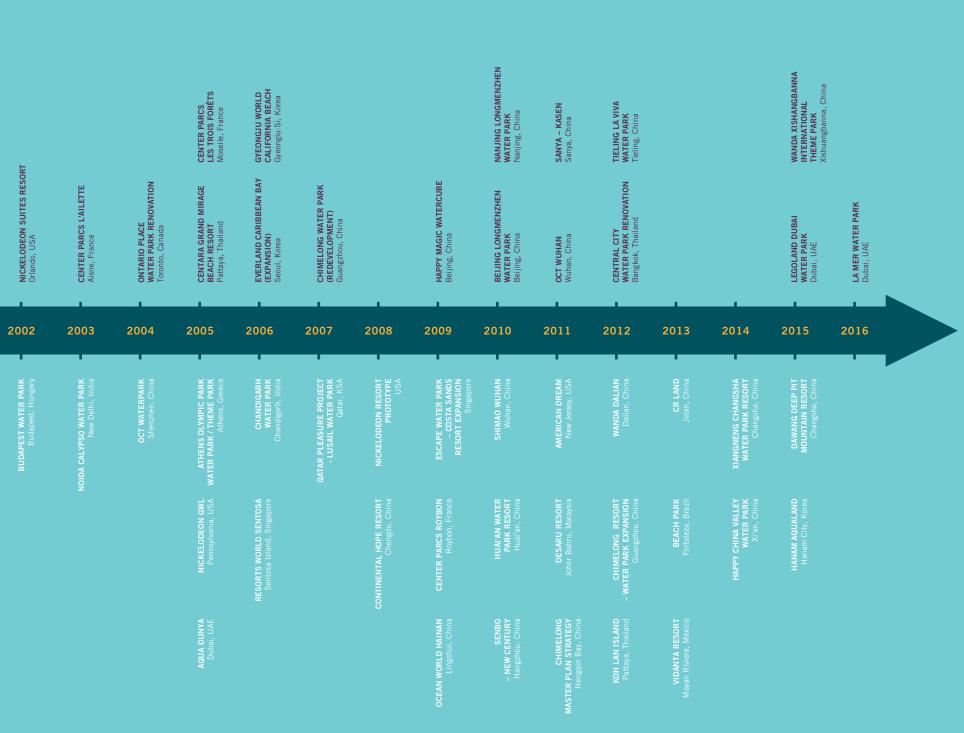
In our 30 years of international water park experience, we have never lost sight of this simple fact. But we have also been innovators in the sector, introducing revolutionary new concepts, designing the biggest and the first, pioneering the wide use of branding, rejuvenating existing successful parks and remembering that it's the total environment, not the accumulation of attractions, that make a memorable guest experience.

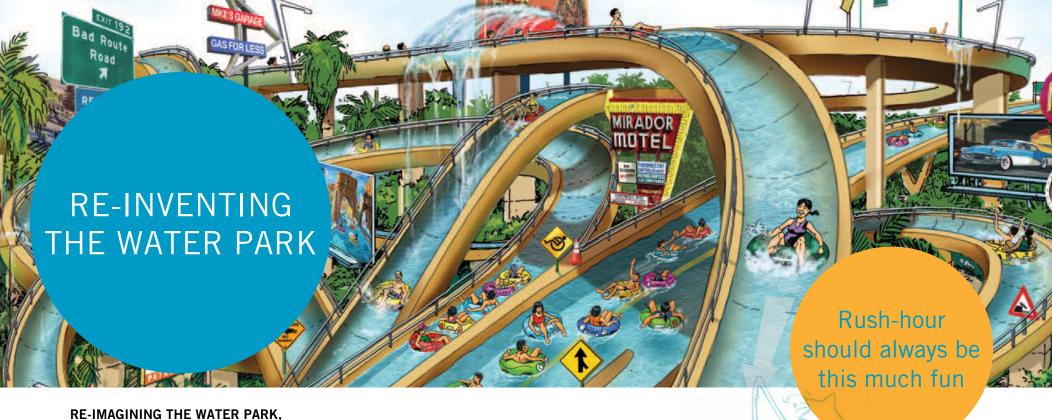
We were there at the beginning and we're still the industry leaders.



Water parks in operation or under construction





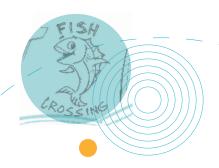


RE-IMAGINING THE WATER PARK, FROM THE TOP DOWN

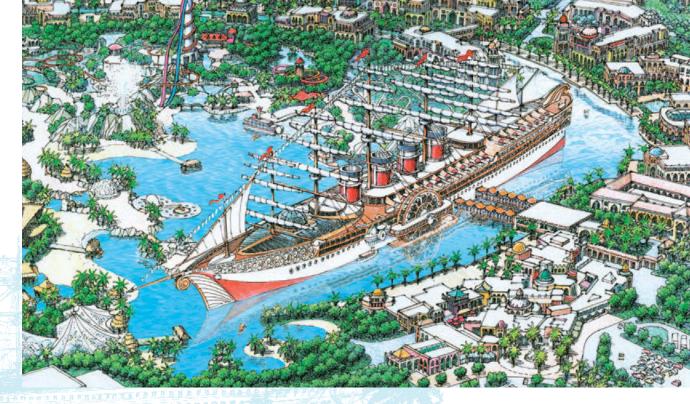
For **Kimhae Water Park** we rethought the whole water park idea from the bottom up - or, more accurately, from the top down. We based our design solution on two innovative ideas:

- 1. Putting a circulation system at an upper level so guests could slide down to attractions rather than climbing up to them; and
- 2. Creating a completely themed environment, based on a strong storyline, rather than off-the-shelf rides and equipment.

Challenging the traditional standards and writing a great storyline helped to make this a stand-out project, not only in the competitive Korean market, but internationally. Kimhae is not just a water park, but a whole new way to have fun.



At the heart of this giant resort, we created the world's largest landlocked ocean liner – grander than the Queen Mary.



SUPER-SIZED AND AMBITIOUS – A COMPLETE DESTINATION RESORT.

The Arabian Desert might seem an unlikely location for a super-sized water park, but the Emirate of Dubai thrives on superlatives. So, at Aqua Dunya we used our "Big Idea" design approach to create a huge idea – literally. At the heart of this giant resort, we placed the world's most majestic landlocked ocean liner –

larger than the Queen Mary – as a combination central icon, hotel, indoor water park, leisure environment and entertainment attraction.

As a complete destination resort, Aqua Dunya elevates the idea of the water park to a grand, luxurious scale.





"The World Water Park is the world's largest indoor water park, built in 1985, with a size of over 20,000 square metres (4.9 acres). The park has the world's largest indoor wave pool."

en.wikipedia.org

STILL THE FIRST AND STILL THE BIGGEST

With our very first major water park project, we set the bar impossibly high. West Edmonton Mall in Edmonton, Canada was then, and remains today, the largest indoor water park in North America – and one of the largest in the world. Even in those early days, FORREC was one of the few companies that masterplanned projects. Instead of locating equipment around a series of pools, we were designing complete water environments – developing a program, telling a story and planning the park according to the best practices for operations, guest experience and site opportunities. In 30 years, this has not changed at all.

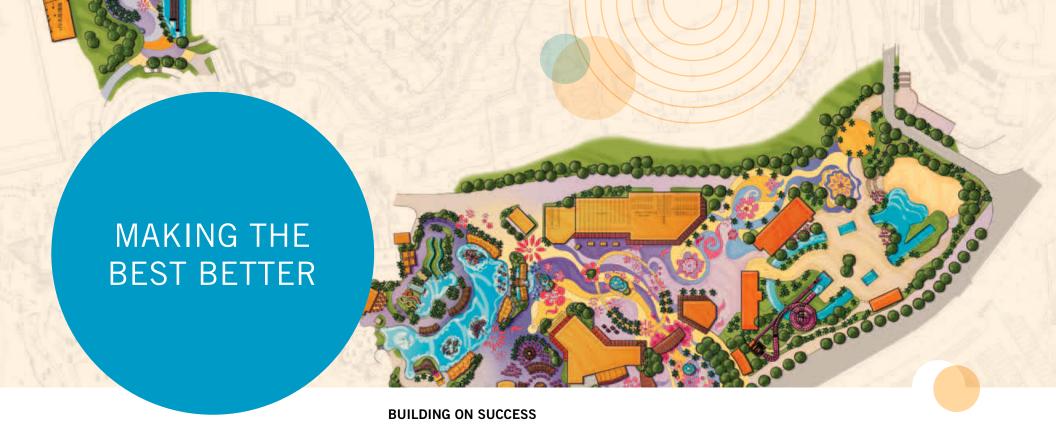
The first fully integrated water park and theme park



TWO PARKS, ONE GATE

An old gravel quarry in Texas presented the opportunity to create the first fully integrated water and theme park. Traditionally theme parks have always been separate from water parks. At Fiesta Texas in San Antonio, guests can visit both parks through a single gate. Thanks to this planning innovation, there's no need to leave one park to get to the other. Guests can flow freely between them throughout the day, providing more entertainment options, great interaction, longer stays and, for the park operators, the efficiencies of a shared program.

As you might expect of a park in Texas, the features are big and bold. From the tall slide towers, there is a spectacular view of the entire combined park.



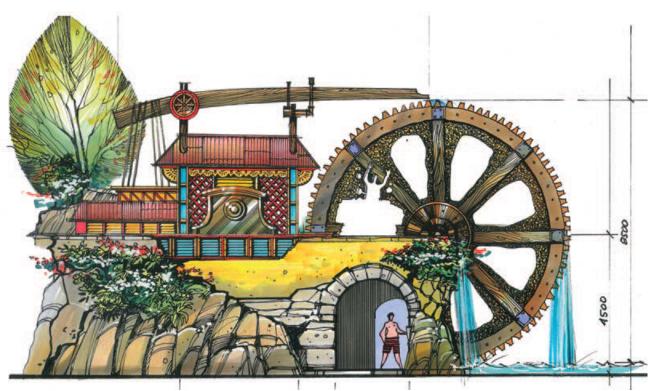


Working with successful water parks and helping to make them even better has become a FORREC specialty. When we were approached by Chimelong Water Park, in Guangzhou, China - the most successful water park in Asia, and one of the largest in the world - it wasn't to expand their water park, but to improve the efficiency of the existing park. The scope of work included the addition of major new

attractions, the creation of new park entrances, improvements to circulation patterns and the addition of new change facilities, containing 20,000 lockers. The park continues to be successful, not only because it provides exciting attractions, but also because it puts guest comfort first.







BEING ON TOP AND STAYING ON TOP REQUIRES NEW THINKING – NOT JUST NEW RIDES.



LOOKING BEYOND THE CATALOGUE

One of the most successful water parks in the world, Samsung Everland asked FORREC to help them stay ahead of the competition by applying some Big Idea thinking. Instead of just adding the highest, fastest and greatest new water park ride from a catalogue, Everland was looking to expand their Caribbean Bay in Seoul, Korea with entirely new experiences.

Knowing that installing the hottest new rides would only provide a short-term advantage, FORREC worked with Everland to develop a comprehensive themed approach. The first

step was to create a new and entirely unique high-capacity attraction. Then we designed a master plan with a mix of program elements – attractions, food and beverage, circulation, toilets and rental cabins – to accommodate increased attendance. Everland continues to maintain its position, ahead of the competition, in Korea and throughout the world.





A BRAND ATTRACTS VISITORS –
WHETHER IT'S AN ESTABLISHED
WATER PARK BRAND, OR A POPULAR
BRAND MAKING ITS DEBUT IN A
WATER PARK ENVIRONMENT.



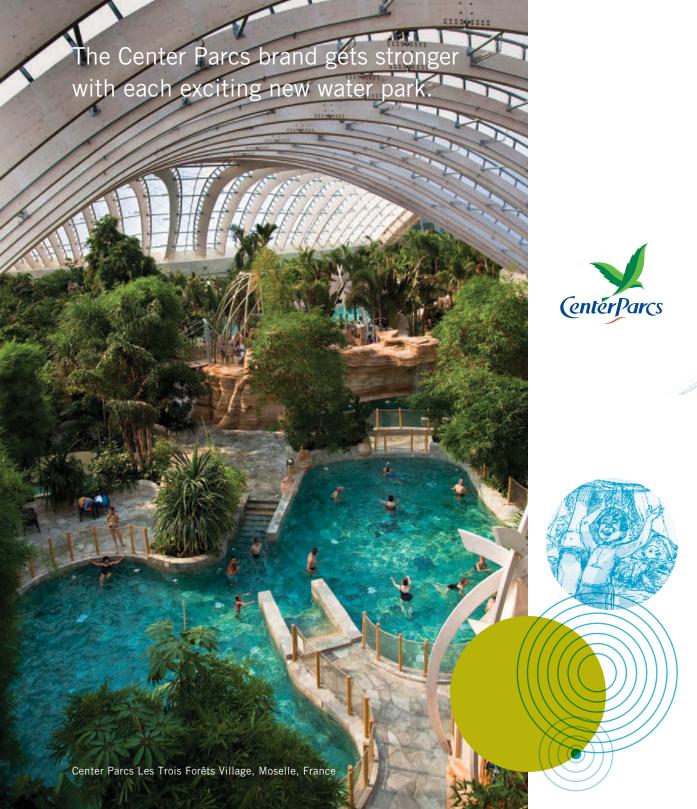


THE POWER OF BRANDING

In 2004, the branding of water parks was a fairly recent idea that offered plenty of new marketing opportunities. So, in order to shore up sagging occupancy rates in an increasingly competitive hotel market, Nickelodeon created a new kind of water park resort: Nickelodeon Suites Resort in Buena Vista, Florida. FORREC was called in to visualize this hybrid product – a heavily-themed, branded water park resort destination.

The Nickelodeon Suites Resort provided a new way to conceive of a water park. Bringing two-dimensional TV cartoon characters to life in a three-dimensional world was a welcome challenge and the result was a very popular family-oriented one-stop vacation experience, with a water park at its core.

The Nickelodeon brand, with its strong family appeal, was a perfect fit for the water park.





RELATIONSHIPS THAT LAST

Center Parcs is the world leader in the creation of water park resort destinations. A new resort emerges every few years under the Center Parcs brand. FORREC has been a valuable member of the Center Parcs team, providing master planning, creative designs and technical know-how, along with independent, experienced advice.

As successful park operators, Center Parcs is aware of every aspect concerning the guest experience and the effective running of a water park. This wisdom, combined with FORREC's creative input and global experience, has created an ongoing professional relationship that has already produced four unique resort water park projects.

FEASIBILITY REVIEW AND CAPACITY ANALYSIS

Understanding the demand

With 30 years of water park planning and design experience, our principals are well versed in the business aspects of the industry. We are able to converse with and work hand-in-hand with feasibility consultants to review statistics and market analyses, and to distil the park capacity numbers into the benchmarks for the park's overall physical program and sizing.



From raw numbers to buildable reality

The Program provides the link between the water park's requirements and the Master Plan. It describes, in simple numbers, the unique guest elements and facilities that will provide an efficient and profitable park operation. Careful consideration is given to the expectations of the target audience and to the attendance fluctuations for indoor and outdoor park components. The goal is to create a park that is well balanced, correctly sized, appropriately budgeted and aimed at the right market.

MASTER PLANNING

A development guidebook

To accommodate typically large water park crowds and to guarantee their comfort and safety, careful master planning is crucial. The Master Plan describes the park's organization and circulation, along with the relationship of its individual parts, allowing some flexibility over time. The Master Plan serves as a foundation and a source of reference for design and construction, a measuring-stick for the completed project and, finally, a guide for the park's evolution and growth.



STORYLINE AND THEMATIC DEVELOPMENT

Stories provide identity and connection

Individually themed attractions are common sights in water parks, but only recently have the parks begun to explore overall storylines and themes. The introduction of connecting storylines, right from the initial design stage, allows the park to establish a unique character and identity that make the project stand out. A water park with a strong and unique identity is one that guests will remember.

INTERIOR DESIGN

Visitor comfort comes first

Interior design brings the theme indoors and ensures the efficiency of the water park's food and beverage service, retail spaces, and service areas. FORREC's in-house interior design team provides a spectrum of services, from space planning through to construction. Indoor water parks benefit from the collaboration between FORREC interior designers and our other disciplines – all attuned to the Big Picture ideas of the water park, but never losing sight of its technical requirements and budgetary considerations.



ARCHITECTURAL DESIGN

Ideas in three dimensions

Creating water parks that are elegant, spacious, light-filled and functional requires more than simple engineering; architectural finesse is required. For indoor parks, the best enclosures are transparent and adaptable for cold- and warm-weather conditions. In outdoor parks, structures must be attractive and human-scaled. In every case, FORREC's in-house architectural teams are skilled at creating water parks that balance function, technology and comfort.

RIDE/ATTRACTION SELECTION AND THEMING

Limitless possibilities

Since FORREC is independent from water park suppliers and manufacturers, we are not restricted to any single source of rides and attractions. We draw on the widest selection available locally and world-wide – or design and theme unique one-off attractions – to produce water parks that set entirely new design directions. Our clients benefit from tighter budget control, as well as guaranteed quality, reliability, adaptability and deliverability. We offer full coordination services from selection and integration right through to tendering and onsite direction.

LANDSCAPE ARCHITECTURE

A water park is still a park.

It's not difficult to see the connection between water parks and landscape architecture. After golf courses, water parks are probably the most landscape-oriented entertainment experiences that there are. Our very first water park, at West Edmonton Mall, was really an extension of our landscape architecture practice and, for all our water parks since then, we have relied heavily on our landscape background to provide some of the most memorable, most human-scaled and best-planned parks around the globe.

GRAPHICS AND WAYFINDING

Information and character

To extend the creative concept throughout the water park requires the talents of many design professionals. Signage and graphic design take on the functional tasks of providing information and direction, while blending with the character of the park. Larger signs and graphics can be especially useful in establishing mood, by using special materials, textures and colours, with or without text.

DESIGN MANAGEMENT

Preserving the core concepts

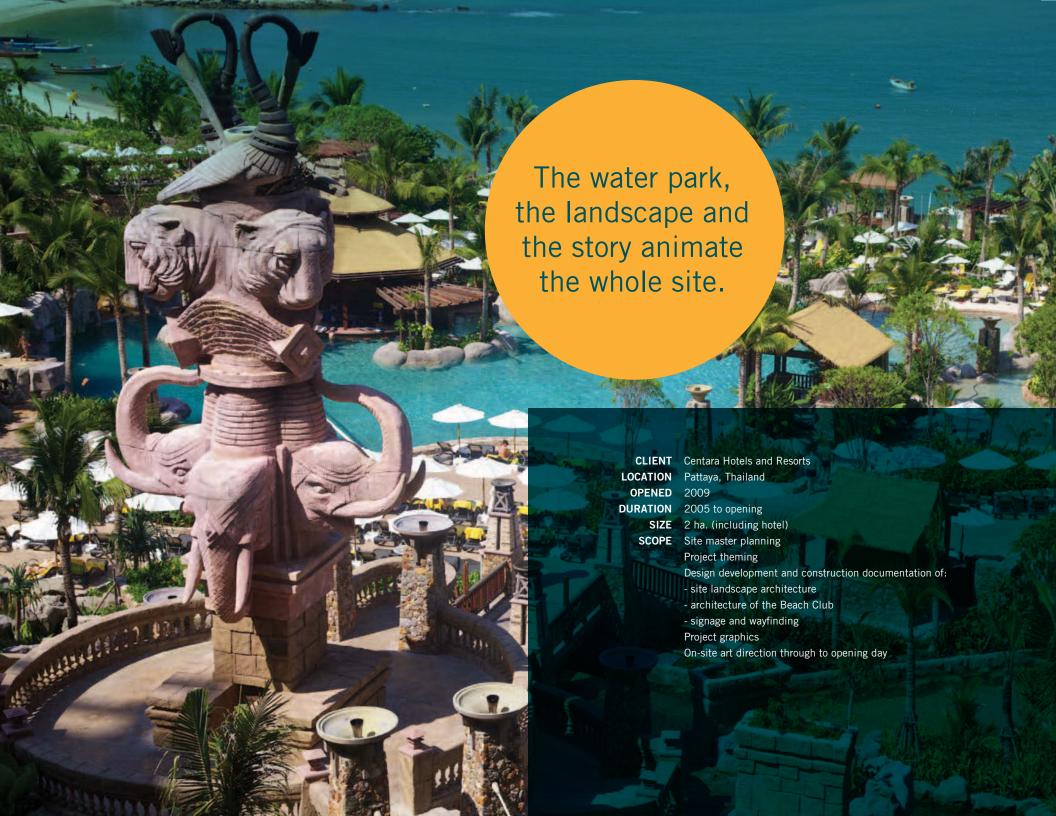
In a successful water park, the core design ideas are evident in every aspect of the guest experience. FORREC's Design Management service ensures that the Big Picture concept survives until the finishing details are applied. Our familiarity with the construction materials and methods unique to the water park sector is especially important. On our client's behalf, we can monitor drawing packages, provide on-site leadership, direction, supervision and staff, to work closely with clients, construction managers, local design teams and contractors – anywhere in the world.

Case Studies

Water parks are wonderful fun-filled places, where families can spend the day (or several days) splashing or lounging in carefree enjoyment. The design and construction of water parks involves many "backstage" elements – administration, mechanical systems, safety considerations, hydraulics and structural engineering, for example – but it's the memorable guest experience that really matters.

In great water parks, such as those on the following pages, the invisible aspects are creatively and deftly handled so that they remain invisible and the visitor experience is never less than wet, wonderful and worth enjoying again and again.











THE OPPORTUNITY A new breed of water park

An old client, familiar with our work as land-scape architects, asked us to provide comprehensive landscape design services for the pool and gardens of a new hotel: The Centara Grand Mirage Beach Resort in Thailand. But when we saw the site, the word "comprehensive" took on a whole new meaning. Here was a stunning opportunity to create an "active" landscape – part landscape architecture, part water park and part themed environment – something really distinctive that would set this hotel apart from the many other competing beach hotels – and create an entirely new resort experience.

THE BIG IDEA Develop a great story

The site is spectacular: a tropical beachfront, with crystal blue waters and golden sunsets. But adjacent resort hotels have equally spectacular sites. So to compete successfully, the Grand Mirage needed something more than a nice garden and a pool. FORREC responded by creating a complete experience: a romantic adventure story based on a dark jungle mystery and a celebration of nature. The story quickly expanded to include the whole site: hotel, entry gate and garden. The scope of the project blossomed from a pool and garden to an epic adventure story of a lost jungle paradise.

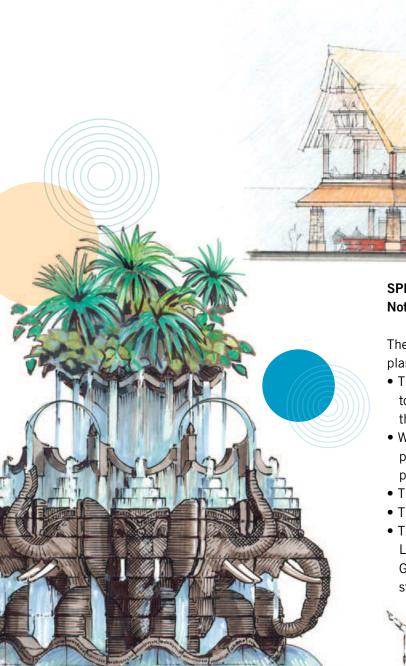
A TOTAL ENVIRONMENT Escaping into a jungle fantasy

Instead of attaching the garden to the hotel, the hotel is treated as an element within the garden – a lush tropical landscape that begins at the front gate, envelops the hotel and flows right down to the beach. The site tells the story of an ancient tribe that revered and celebrated nature. Centara is a re-imagining of their lost jungle world. The active part of the jungle adventure – the Water Garden – steps down from the lobby, through forests, gardens, rivers, chutes, cascades and pools, all connected by meandering wooden walkways and treetop bridges.





Centara Grand Mirage is at the forefront of a new generation of water parks and resorts that satisfy an increasing demand for better more immersive experiences.



SPECIAL ELEMENTS Not just another hotel pool

The Water Garden is a jungle sanctuary of tropical plants, water and special features:

- The Ceremonial Platform, with its sculptured totem, presiding over the park and introducing the jungle adventure.
- White Tiger Falls: a shaded observation platform that overlooks shallow waterfalls and pools interconnected by body slides.
- The Oasis Pool with swim-up bar.
- The Reef: a children's pool and play area.
- The Jungle River Adventure Zone, with its Lazy River tube ride, weaving through the Garden and connecting The Menagerie play structure, Bamboo Chutes and sports pool.

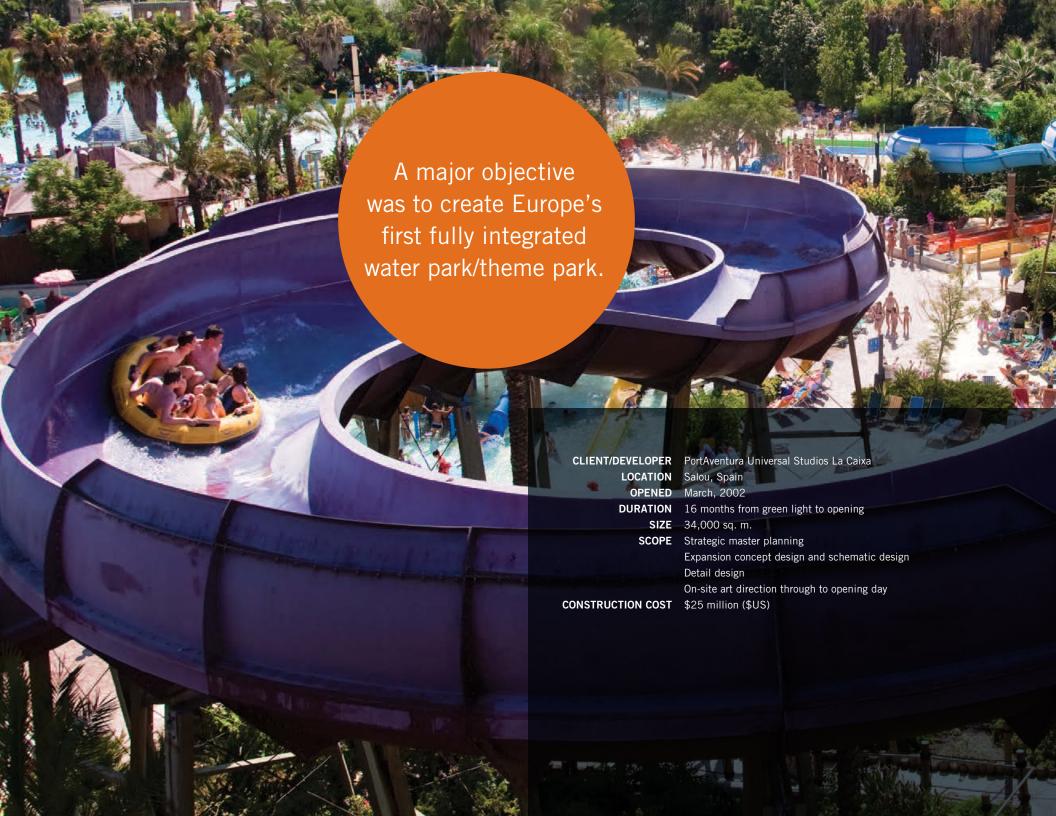
RESULTS A real competitive advantage

The jungle-themed environment was so well received by the client that the storyline was carried through to all aspects of the hotel and site operations, from the entry gateway to the lobby, interiors and even down to the site buildings, signage, graphics, menus and room keys. The final product included the landscaping of the whole site and, of course, one of the most romantic, most exciting, most distinctive water parks anywhere.

With such a strong and romantic identity, Centara Grand Mirage enjoys an enormous advantage over other 5-star hotels in the increasingly competitive Thai hotel market.







When Universal Studios asked us to help them create Costa Caribe water park at PortAventura, we looked at the entire scope of the project – the site, the existing theme park and the water park.





A new Spanish benchmark

Universal Studios wanted to develop a diverse world-class destination resort on the Mediterranean coast south of Barcelona, Costa Caribe water park (now called PortAventura Aquatic Park) was designed to increase the draw of the PortAventura Resort by providing a major new facility that would:

- 1. Operate either as a standalone gated water park or as a complement to the adjacent dry park (with two entries).
- 2. Appeal to all age groups.

- 3. Extend the season with an indoor water park, offering hotel guests a desirable amenity during the shoulder seasons.
- 4. Establish a new benchmark for the Spanish market by creating a level of quality consistent with the PortAventura property.



THE BIG IDEA Second gate. First rate.

The breakthrough idea was to develop the water park as an integral part of the existing theme park: both a new entertainment area AND a new park attraction. To accomplish this, a second gate was added to PortAventura, serving the theme park and the water park jointly. Theme park guests could now enjoy an additional attraction on their single multi-day ticket (increasing the length of stay) and the newly-built resort hotels would have a new draw to increase occupancy, particularly during the shoulder seasons. As a final bonus, the sharing of facilities meant significant cost savings to the client.

The siting of the park presented a considerable challenge – the existing park sits on top of a hill, and the available area was steeply sloped.





THE MASTER PLAN Intended consequences

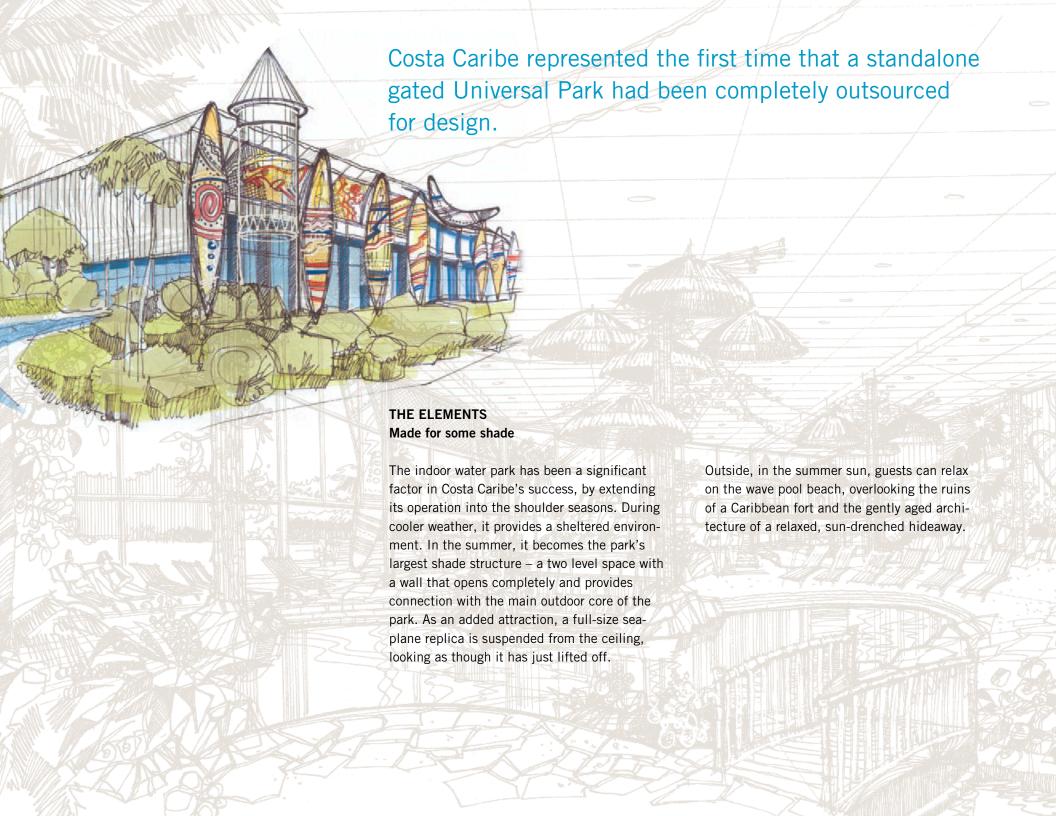
The overriding planning goal was to increase efficiency. By locating the water park near the existing guest arrival and ticketing areas, it became accessible from outside and inside the park, convenient to the resort hotels and easily available to the existing infrastructure. Furthermore, by reorganizing the existing gate operations, duplicate ticketing processes were avoided. To reduce any possible impact of the new park on the existing operations, the car park area was streamlined and reconfigured, so that future parking demands could still be met as demand increased.

THE PROCESS Working together

Costa Caribe was accomplished through strong collaboration between the FORREC team and PortAventura's in-house New Projects Team. From storyboarding through to construction documentation and site supervision, FORREC's illustrators, storywriters, master planners, landscape architects, architects, interior designers and graphic designers worked handin-hand with the client and experienced subconsultants to deliver a world-class water park.

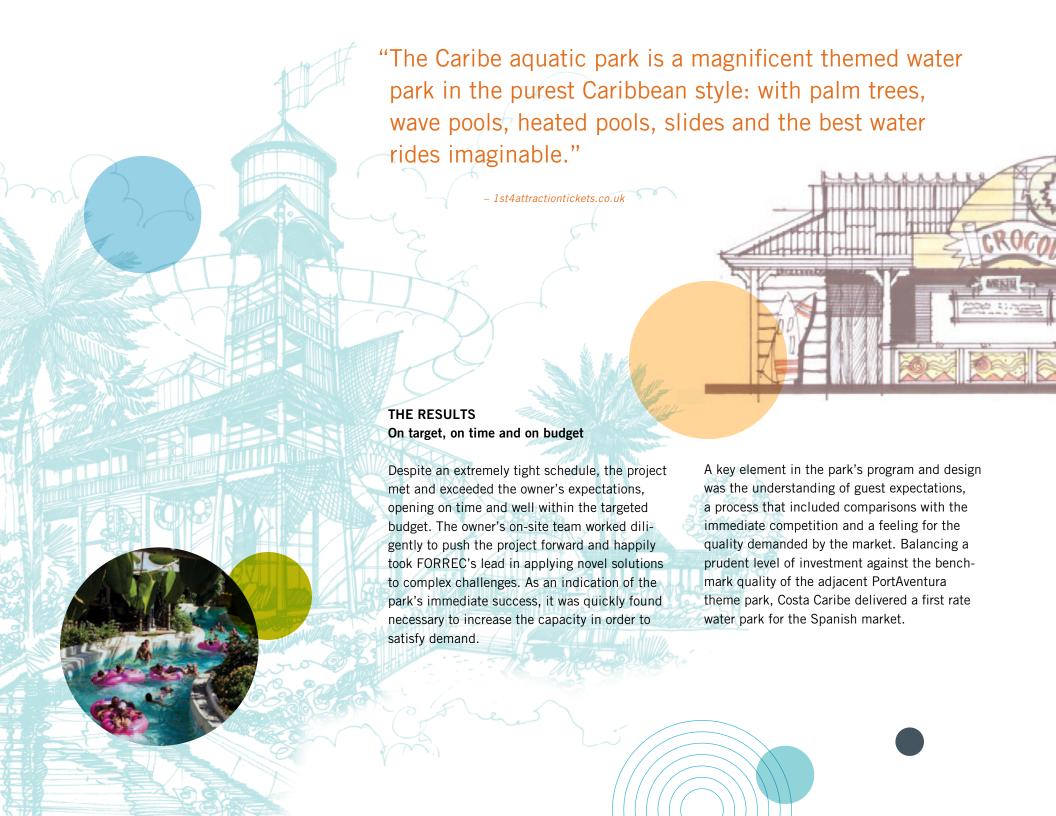


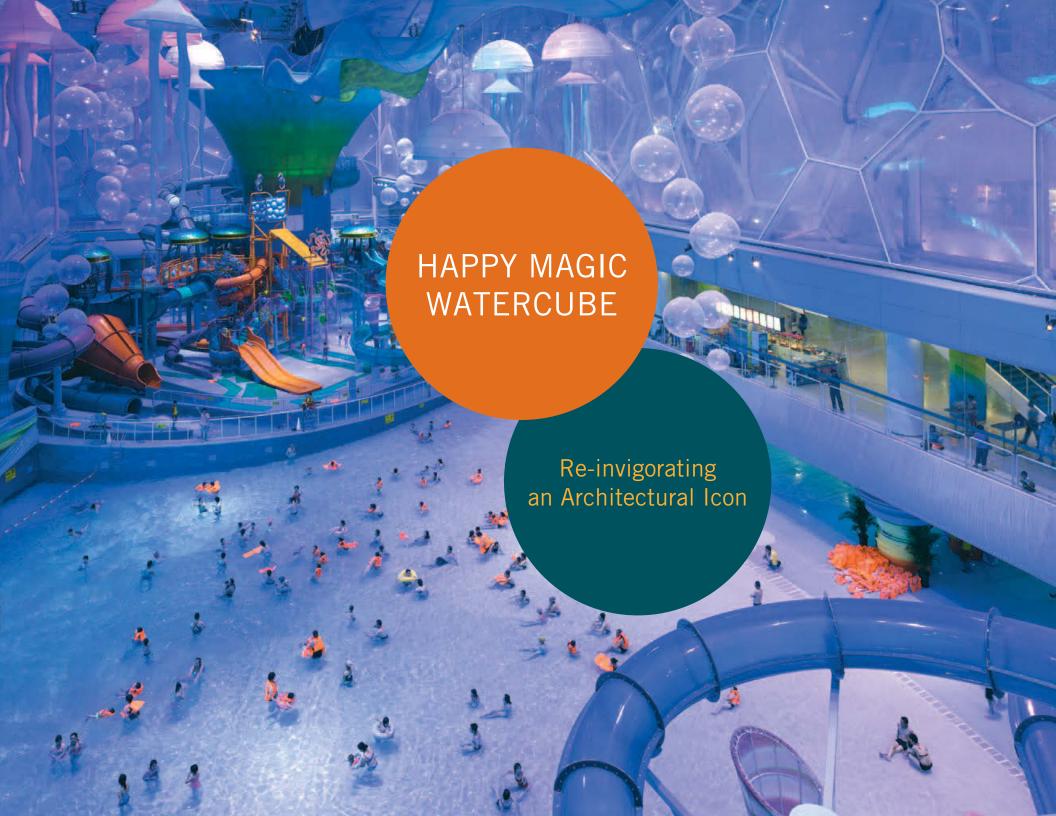














The Beijing Water Cube is a modern architectural wonder, recognized around the world as an icon of the 2008 Olympics. Happy Magic Watercube creates a water fantasy land within the simple beauty of this elegant form.



To create a new legend inside an existing one

Our client, whose core business was spas and resorts, wanted to expand into the growing Asian water park market. By winning the contract to develop their very first park in the world-renowned Water Cube, they had the opportunity to achieve instant recognition. FORREC's creative approach was to develop a theme that took its cue from the stunning interior volume of the building its form, texture and overall spirit – expanding on its underlying ideas to create a truly unique environment. The Happy Magic Watercube is a convincing demonstration of the amazing power of well-conceived water park theming.

To create THE indoor water park in China

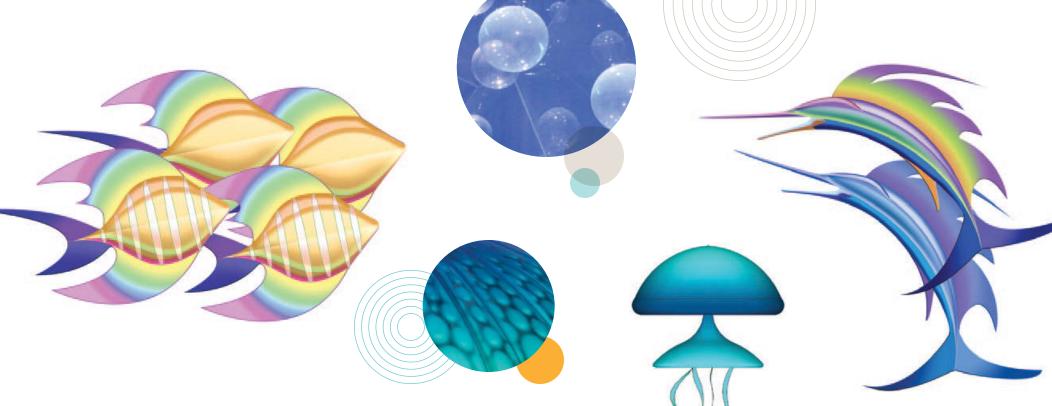
With the exception of destination parks, water parks, and especially indoor water parks, are rarely themed. But the Water Cube, with its simple shape, vast open volume and "watery" exterior skin, presented a perfect opportunity to introduce decorative, story-telling elements that would animate the space and create an exciting mood.

To complement the architecture and to create a complete watery environment, FORREC proposed an "underwater" world using abstracted aquatic elements such as air bubbles, seaweed, coral and jelly fish - large colourful shapes and

forms that "float" within the space, creating a dramatic atmosphere that is fun and exciting, but sophisticated enough to complement the architecture.







OVERALL APPROACH Letting the architecture guide the theme

FORREC's creative design team has combined water park experience with imaginative thinking to produce an exciting environment that is also practical. By taking advantage of the height of the space, as well as its floor area, the volume has been used to the maximum, with attractions and thematic elements woven into a continuous three-dimensional composition.

To take advantage of the excitement generated by the architecture, and to ensure that the Happy Magic Watercube would re-open two years after the opening of the Olympic games, the schedule was kept extremely tight. The team designed the park and guided its construction all within 17 months.

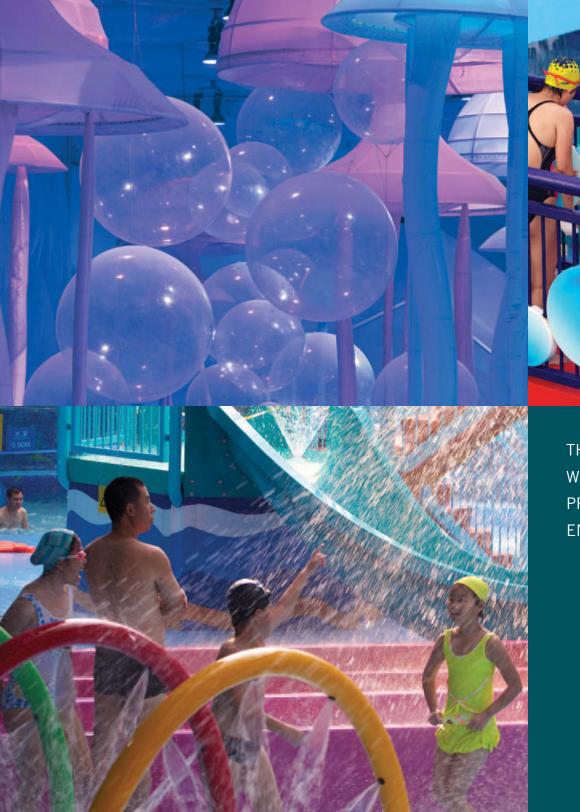
THE DETAILS Creating an underwater world

To create the underwater theme, FORREC combined simple elements with the existing building forms. Column coverings suggest a coral reef, clear plastic balls become floating air bubbles and translucent stretched fabric panels are molded into jellyfish, seaweed, and soft coral. The Watercube introduces some of the newest water park attractions available anywhere – from many of the best international suppliers – creating experiences for visitors of all ages.

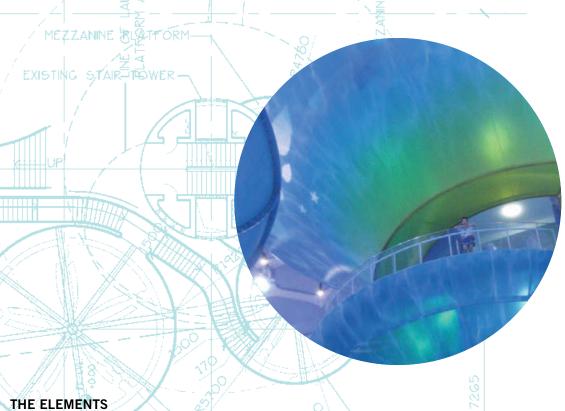
creating experiences for visitors of all ages.
 Some attractions appear here for the very first time.

THE CHALLENGE Tall expectations, short deadline

To create a world-class attraction on such a short schedule required seamless collaboration. The client allowed FORREC free rein in setting interim deadlines and coordinating the design process, but was always available for consultation and approvals. Decisions regarding some of the slide elements had already been made, so FORREC worked closely with the suppliers to weave these features into the design in a way that satisfied both the client's financial needs and the project's high aesthetic goals. Throughout the course of the project, the work of the various design disciplines, in different time zones, was smoothly coordinated, so decisions were made quickly and effectively.



THE WATERCUBE IS QUICKLY BECOMING ONE OF THE WORLD'S LEADING INDOOR WATER PARK ATTRACTIONS, PROVIDING A UNIQUE AND MEMORABLE FAMILY EXPERIENCE FOR UP TO 2,700 GUESTS AT A TIME.

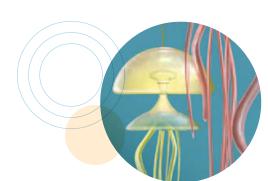


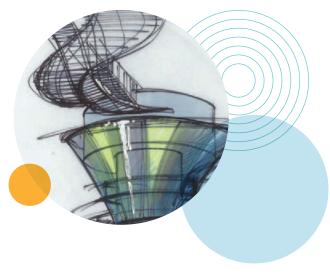


inside the cube

Most indoor water parks maximize space by running portions of their water slides outside the main hall. But the Water Cube's thick and complex structural shell made this impossible – all of the slides would have to be contained within the building envelope, without feeling cramped or crowded. The solution was to carefully consider all three dimensions of the space – not just the plan – and to combine all the attractions and thematic elements into one dynamic and colossal composition.

The innovative use of mezzanine levels helped to improve the capacity of the water park by increasing floor area and simplifying access to some of the slides. It also introduced new and exciting ways to experience the fantastic underwater world.





RESULTS Creating a worldwide buzz

Even before the opening of Happy Magic Watercube, there was a buzz in the water park industry. Something new and exciting was happening. Since then, the buzz has increased and the park has become our client's flagship project, firmly establishing and defining the brand. The Happy Magic Watercube concept — a high-quality themed water park — has expanded to water parks in Beijing and Nanjing. With the help of FORREC, there are plans to further expand the brand throughout China.



Selected Water Park Projects

Guiyang Water Park, Aquamania. Guiyang, China Bangkok, Thailand Gyeongju World; California Beach Bali Action Water Park, FORREC's Expansion, Gyeongju, Korea Bali, Indonesia Happy Magic Watercube, Beijing Longmenzhen Water Park Beijing, China Water Park & Spa Hotel, Beijing, China Hyundai Sungwoo Leisure Town Berjaya Star City Water Park, Water Park, Seoul, Korea Kuala Lumpur, Malaysia Experience Kimhae Water Park, Seoul, Korea Calypso Beach Water Park, New Delhi, India Lotte Waterworld, Seoul, Korea **North America** Centara Grand Mirage Beach Naniing Longmenzhen Water Park Resort, Pattaya, Thailand Adventures Island, & Spa Hotel, Nanjing, China New York City, USA Chandigarh Water Park, OCT Happy Valley, Wuhan, China Chandigarh, India American Dream, OCT Water Park, Shenzen, China East Rutherford, NJ Chimelong Water Park Masterplan, One Mount, Busan, Korea Guangzhou, China Fiesta Texas Water Park, Ocean Splash Water Park, San Antonio, USA Continental Hope Resort, Johor, Malaysia Chengdu, China Medieval Times Water Park, Promised Land Water Park, Schaumburg, USA Dr. Leo's Big Splash, Hualien, Taiwan Bangkok, Thailand Nickelodeon Suites Resort, Senbo Green Park Resort, China Everland; Caribbean Bay Expansion, Seoul, Korea Ontario Place, Toronto, Canada Europe Poseidon's Adventure Water Park, Aurora, Canada North America Rock & Roll Water Park, Niagara Falls, Canada Sheraton Water Park, Niagara Falls, Canada Asia Splash Works, Canada's Wonderland, Toronto, Canada Whistler Wild, Whistler, Canada Middle East White Water, Atlanta, USA Europe Wild Water Kingdom, Toronto, Center Parcs Roybon, Roybon, France Wild Waterworks, Hamilton, Center Parcs Les Trois Fôrets Village Resort, Moselle, France World Water Park, West Edmonton Mall, Canada Center Parcs Lac d'Ailette, l'Ailette, France Middle East Center Parcs, De Eemhof, Holland Qatar Pleasure Project, Mszcszonow Aqua Park, Doha, Qatar South Warsaw, Poland **America** West Bay Lagoon, Doha, Qatar Nick Blackpool 2010, Blackpool, England Universal Studio's Costa Caribe PortAventura, Salou, Spain Africa

Asia

Australia

A tropical rainforest in Eastern France Center Parcs Domaine des Trois Fôrets



CLIENT Center Parcs **PROJECT** Center Parcs Domaine des Trois Fôrets

LOCATION

SCOPE Moselle, France Master plan and concept design

SIZE 5,000 m² **OPENED** 2010



Growing a park with Big Idea thinking Everland's Caribbean Bay



SIZE

2 ha

CLIENTSamsung Everland

PROJECT Everland -Caribbean Bay Expansion **LOCATION**Seoul, Korea

SCOPE

Master plan,
concept to detail
design

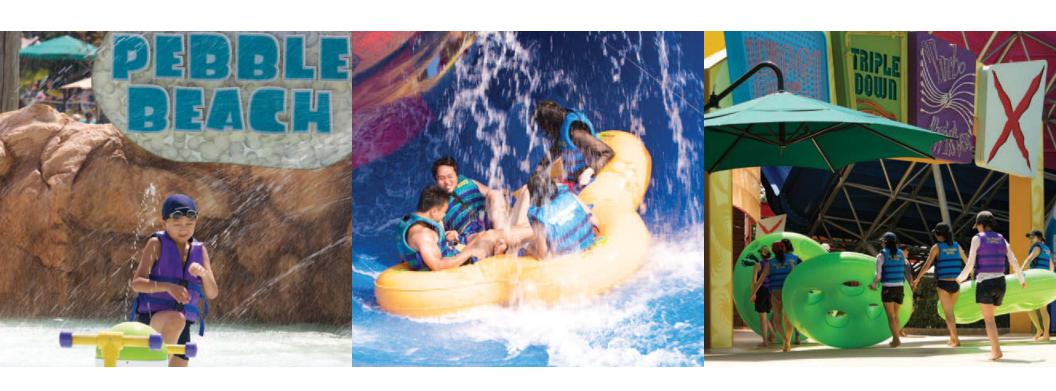
OPENED 2008





California Beach is a complete redevelopment and re-imagining of a water park that formed part of Gyeongju World: a popular existing amusement park that caters to a wide regional tourist market. The redesign includes a reconfiguration of the main entry plaza and the provision of a separate entry. The new water park includes state-of-the-art attractions and an intensive thematic treatment, unlike any other in the Korean market.

Added capacity and excitement Gyeongju World's California Beach



SIZE

8.4 ha

CLIENTGyeongju World,
Asia Cement Co.
Ltd.

PROJECT Gyeongju World -California Beach **LOCATION** Gyeongju-si, Korea SCOPE Master plan, concept design, attraction program, schematic design **OPENED** 2008



into deep pools. On the exterior, the old structures are decorated with ancient motifs and hieroglyphs with water cascading down the facades.

A lush jungle experience Chimelong Indoor Water Park



CLIENT
Guangzhou
Chimelong Group
Co. Ltd.

PROJECT
Chimelong Resort
Water Park
Expansion

LOCATION Guangzhou, China **SCOPE**Master plan and concept design

SIZE 33,000 m²

A themed water park in a dramatic setting Dawang Deep Pit Water World

The park is part of a recreational development that includes an "Ice and Snow World" that hovers above an abandoned rock quarry, within a strikingly modern structure. The indoor water park is also contained within this structure. The outdoor park, themed as an exotic South Pacific fishing port, takes advantage of the quarry's depth by creating dramatic vertical elements – slides and funiculars – that connect the rim to the pit.



CLIENT
Changsha Pilot Land
Development and
Construction Co.
Ltd.

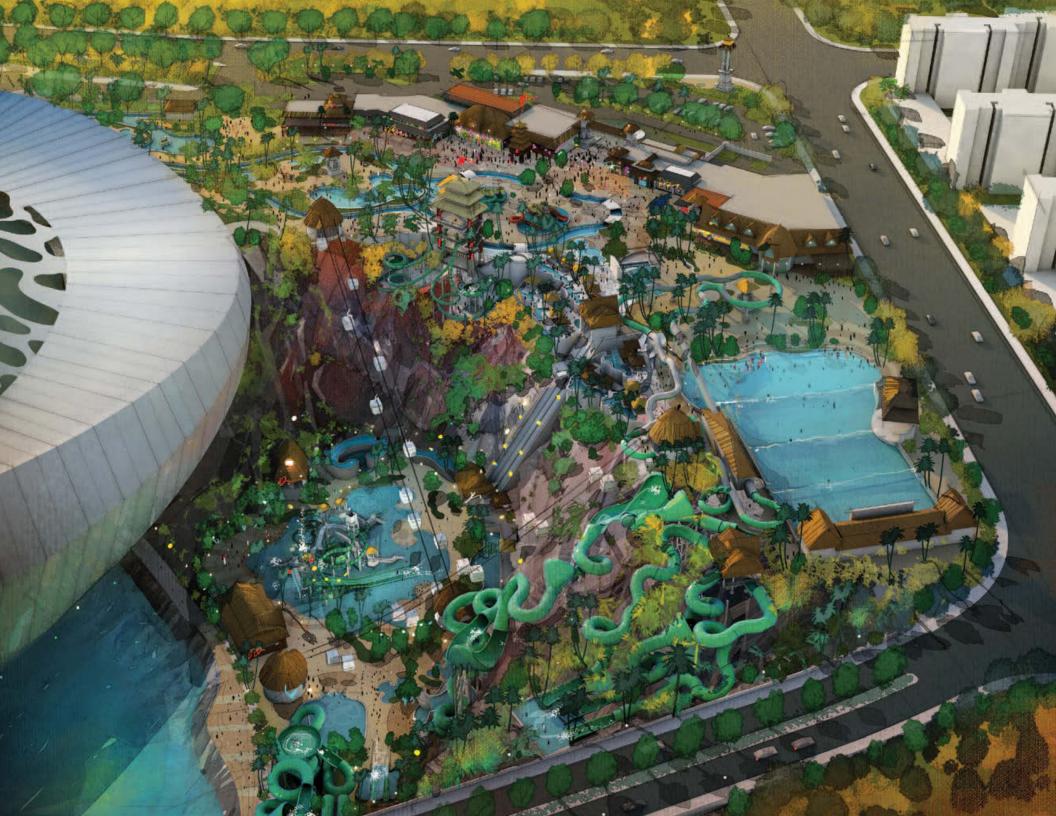
PROJECT
Dawang Deep Pit
Water World

LOCATIONChangsha, China

SIZE Indoor Water Park: 6,500 m²; Outdoor Water Park:

6.5 ha

SCOPEConcept and schematic design



A super-sized jungle waterworld Wanda Xishuangbanna Water Park

Throughout the park, super-sized vegetation creates a lush, whimsical tropical environment. Giant flowers become portals for water slides made of enormous bamboo tubes. Visitors can slide from blossom to blossom, or splash down a shaded wild river, on a giant floating leaf. Gigantic jungle vines, oversized mushrooms, intertwining roots and branches form water play structures. And for adult relaxation, there is a quiet tropical spa, with calming pools, thermal baths, and therapy rooms for a truly secluded jungle experience.



CLIENT

Wanda Group

PROJECT Wanda

Xishuangbanna Water Park LOCATION
Yishuangha

Xishuangbanna, China SCOPE

Master plan, concept to detail design

A respected TV brand gets wet Nickelodeon Family Suites Resort Water Park

In 2004, Holiday Inn partnered with Nickelodeon to create a new kind of resort: a highly-themed, branded water park resort destination.

The project provided a new way to conceive of a water park and FORREC was asked to visualize this hybrid product. Bringing two-dimensional TV cartoon characters to life in a 3-D world was a welcome challenge that has resulted in a very popular family-oriented one-stop vacation experience.



CLIENT
Holiday Inn Family
Suites Resort
Orlando

PROJECT
Nickelodeon Family
Suites Resort Water
Park

LOCATION Lake Buena Vista, Florida, USA **SCOPE**Master plan,
concept to detail
design

OPENED 2005

A magical undersea adventure Guiyang Indoor Water Park

The flowing architectural form of Guiyang Water Park is indicative of the futuristic, high-quality, multi-sensory experience that lies within: a memorable land-and-water environment featuring a host of exciting water park features. Elegant abstract forms, sensory experiences and surprising lighting effects create a unique undersea atmosphere that changes mood throughout the day. In the company of live fish, park visitors can lose themselves in a vast magical tropical lagoon.



CLIENT
Guiyang Real
Estate Development
Co, Ltd.

PROJECT
Guiyang Indoor
Water Park

LOCATIONGuiyang, China

SCOPEMaster plan and concept design

SIZE 14,000 m²



An ancient Mayan park in modern China **OCT Happy Valley**

Some historians speculate that the great Chinese admiral, Zheng He arrived in North America long before Christopher Columbus. A possible landfall for the Chinese fleet would have been Mexico's Yucatan Peninsula, where Mayan culture flourished. Extending this idea to the modern day, OCT Happy Valley represents the re-creation of a Mayan water park based on the imagined discovery of long-lost charts and artifacts from one of Zheng He's voyages. Features include Mayan temples, tropical rivers and a sandy beach.



CLIENT

PROJECT Wuhan OCT Co. Ltd. OCT Happy Valley LOCATION Wuhan, Hubei, China

SCOPE Master plan, concept and schematic design

SIZE 92,000 m²



A destination resort with two themed water parks Sanya Water Park

When FORREC was approached by Chimelong Waterpark – the most successful water park in Asia, and one of the largest in the world – it wasn't to expand their water park, but to improve the efficiency of the existing park. The scope of work included the addition of major new attractions, the creation of new park entrances, improvements to circulation patterns and the addition of new change facilities, containing 20,000 lockers. By putting guest comfort first, the park's success continues, uninterrupted.



CLIENTKasen International
Holdings Ltd.

PROJECT Sanya Water Park **LOCATION** Sanya, Hainan,

China

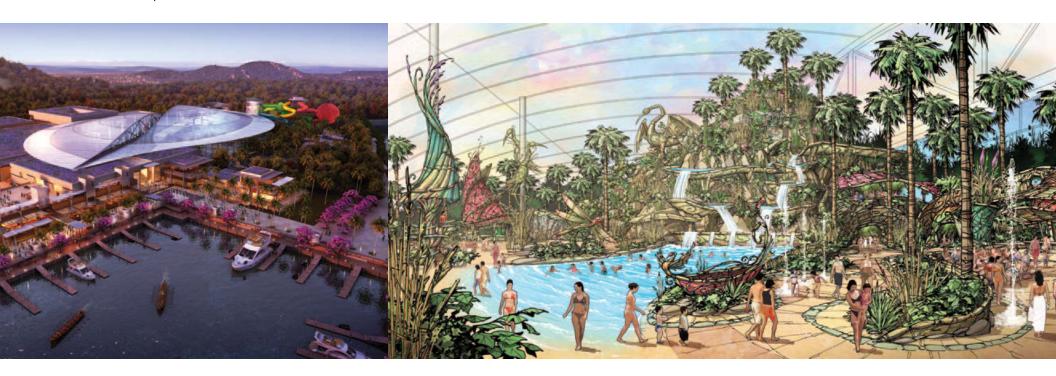
SCOPEMaster plan and concept design

SIZE 109 ha; Resort: 6,000 keys/ rooms; 3 Resort Water Parks at 19 ha each



An old fable inspires a themed water park New Century

The giant translucent leaf that covers this indoor water park represents the importance of nature in this ecologically sensitive region, while bringing daylight into interior spaces. At night it glows with a soft light. The fully themed environment is inspired by a story of ancient tribes who lived in harmony with the land, reflected in two zones: the entertainment- and retail-oriented Discovery & Market Dome, and the Water Dome, a large indoor/ outdoor water park.



CLIENT
New Century Real
Estate Group Co.
Ltd.

PROJECTNew Century

LOCATION China SCOPE
Master plan,
concept design to
detail design

SIZE 60,000 m²



We have succeeded by combining big-picture creative with strict attention to detail. We design and deliver breakthrough projects, where people and their experiences come first. Our vision is a world that works, plays, shops and lives in places that are smarter, more functional and totally people-centred.

FORREC designs success.

Theme Parks | Entertainment Centres | Water Parks | Retail and Mixed-Use | Resorts | Museums and Science Centres

Please contact us to find out more about how we can help you realize your vision of success.

Suite 100C, 219 Dufferin Street Toronto, Ontario, Canada M6K 3J1

T: 416 696 8686 F: 416 696 8866 E: designs@forrec.com www.forrec.com



Designing Success