



GHESA

Water & Art



A nighttime photograph of a water park. On the left, there is a white, castle-like structure with a blue flag on top. In the center, a large fountain with multiple jets of water is illuminated with blue and white lights. The background shows palm trees and a dark sky with some clouds. The overall scene is dimly lit, with the primary light sources being the fountain and some ambient park lighting.

01. INTRODUCTION

02. GHESA'S W&A MILESTONES

03. GHESA'S W&A STRENGTHS

04. SERVICES

05. PROJECTS

06. AWARDS

07. QUALITY CERTIFICATION

01. INTRODUCTION | GHESA



GHESA Ingeniería y Tecnología S.A is one of the leading engineering companies in Europe with presence in the global market.

It was initially established for developing projects in the electricity sector, then a broad diversification process was promoted, oriented to other fields with synergies in technological and management aspects.

01. INTRODUCTION | GHESA

Founded in 1963, with +50 years of experience
and more than 1000 employees



Over 4000 projects
in 40 different countries

01. INTRODUCTION | GHESA WATER & ART BUSINESS UNIT



Water Features in Public Space Design

GHESA Water & Art is a global water fountains and water feature specialist founded in Madrid, Spain, with over 50 years of experience in the design, installation and maintenance of ornamental, cybernetic, musical and multimedia fountains. We have many branches overseas to help us provide quality services to projects and customers around the world.

WE WORK WITH

FIRE:

Water and fire form an unexpected tandem, which never ceases to surprise and amaze the viewer.



VIDEO-MAPPING:

Our multimedia show designers are expert screenwriters, choreographers, engineers and musicians in the field of artistic fountains and water games.

LIGHT:

The play of light on water, another fundamental element of our projects, creating endless possibilities of forms and scenarios.



MUSIC:

The fountain becomes a unique entertainment, where music and color come together in a composition directed by water.



WATER:

The basic element of our projects, whose control opens the way to a myriad of forms and scenarios

ROBOTIC JETS SHOW:

The movement of water combines with the chromatic effects created by advanced lighting systems, for an avant-garde and colorful spectacle.



LASER:

Laser technology enhances our shows, setting the pace of the highlights with an endless variety of fantastic effects.



02. GHESA'S W&A MILESTONES



COMPANY ESTABLISHMENT

1963

Gibbs & Hill Spain



CYBERNETIC MUSICAL FOUNTAIN

1988

World Patent



FIRST MULTIMEDIA SHOW

1992

Water, Color & Music, Spain Pavilion, EXPO 92 Seville



MULTIMEDIA FLOATING FOUNTAIN

1995

First Multimedia Fountain in Floating Structure, Macao



GUINNESS WORLD RECORD - LIMA, PERÚ

2007

GUINNESS WORLS RECORD - ROCK IN RIO MADRID, SPAIN

2008



"Sustainable Development"

2008

LED Lighting, Remote Control, Smart Programming, Consumption Optimization, etc.



FIRST FLOATING MULTIMEDIA SHOW IN THE MIDDLE EAST

2013

Al Majaz, Sharjah - UAE



GOLD STEVIE AWARD / MECS&R AWARD

2019

ICONSIAM – Thailand (Best Shopping Center @ MAPIC 2019)
Dubai Festival City – United Arab Emirates



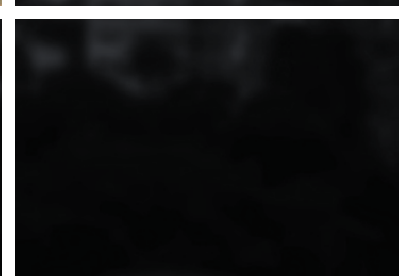
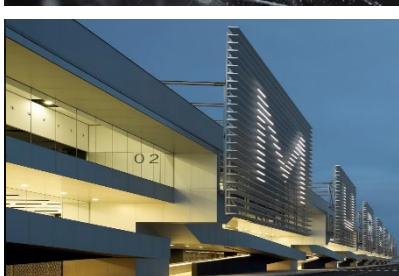
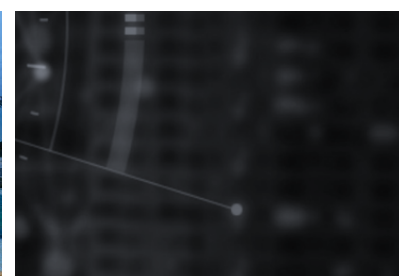
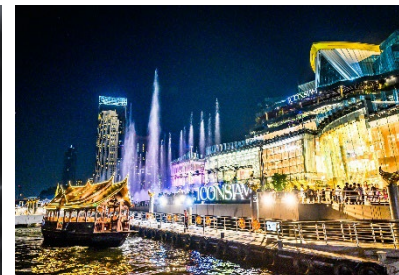
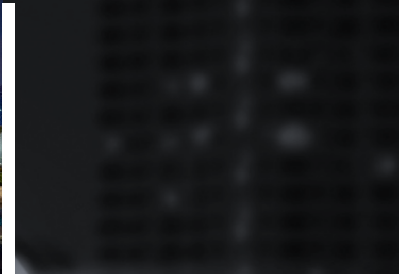
WORLD GUINNESS RECORD –EXPO 2020 DUBAI

2021

The Longest Interactive Water Feature – Saudi Arabia Pavilion



03. GHESA'S W&A STRENGTHS



International Experience

- Projects in over **40** countries,
- Adaptability to different markets and their changes,
- Ability to work in different geographical locations,
- Adaptation to different cultures and policies.



03. GHESA'S W&A STRENGTHS

URBAN SPACES



HOSPITALITY



RETAIL

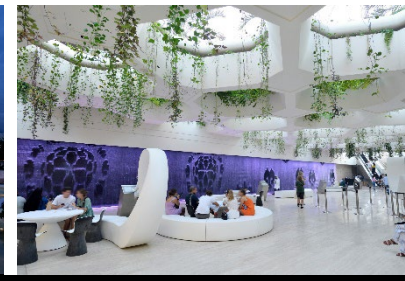
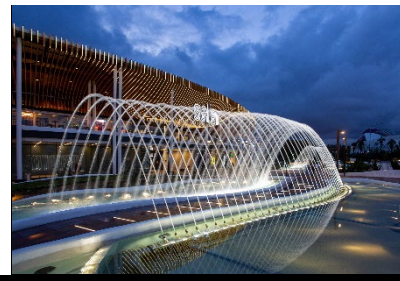
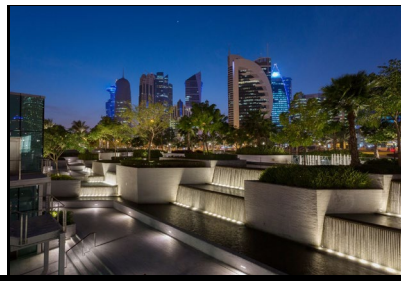
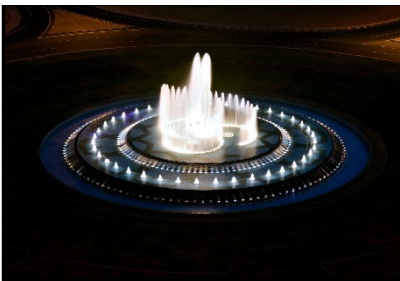
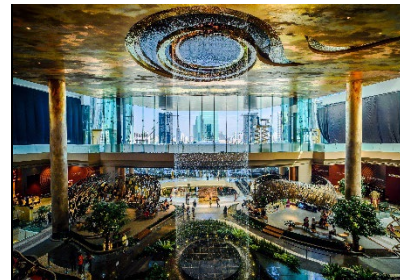


EDUCATION/CULTURE

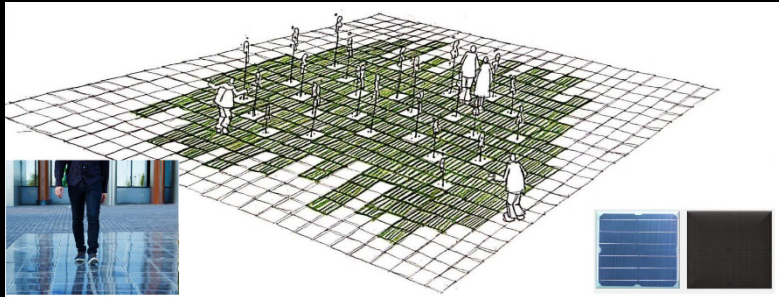


Versatility

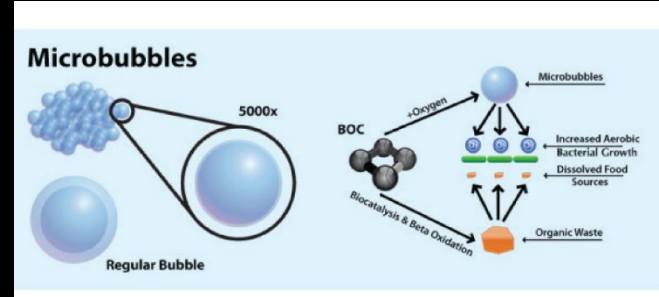
- Flexibility to adapt our products to different sectors,
- Experience working with prestigious clients and internationally renowned companies and consultants,
- Capability of developing each project according to its context and program.



03. GHESA'S W&A STRENGTHS



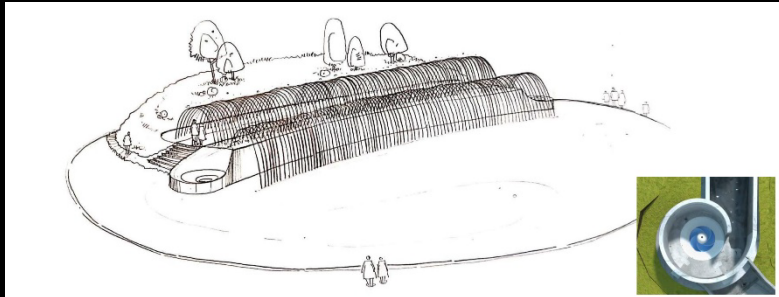
Alternative sources of energy
Potential integration of photovoltaic panels



Water Conservation
Potential integration of Bio-Organic Catalysts

Product Differentiation

- Our multi-disciplinary capabilities allow us to carry out complex projects,
- Development of tailor-made solutions, using our own technology,
- R & D for Sustainability/Environment Solutions

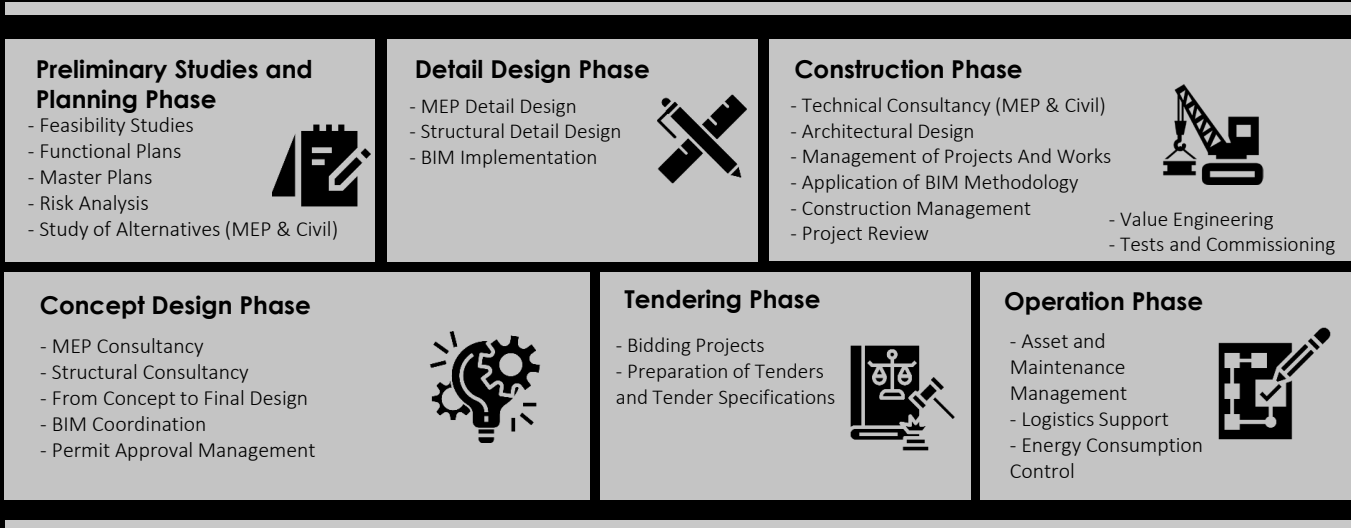
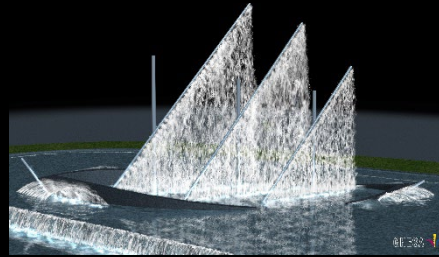
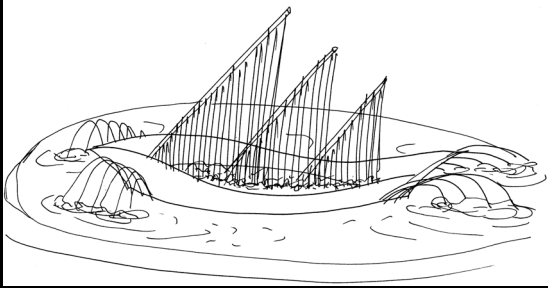


Alternative sources of energy
Potential integration of hydroelectric turbines



Energy conservation
High Efficiency / Dimmable LED lighting

04. SERVICES



05. PROJECTS

1 ▶

Public Space
Squares
Urban Parks
Roundabouts

2 ▶

Leisure, Culture & Sports
Shopping Malls
Cultural and Education Centers
Sports Centers
Hospitality & Casinos
Theme Parks
Shows

3 ▶

Special Projects
Floating Fountains
National Heritage
Public Buildings
Listed Buildings



1

Public Space
Squares
Urban Parks
Roundabouts

SQUARES
WALK-IN

Water Maze

Salou, Spain, 2007



SQUARES
MULTIMEDIA

Brasilia's Eixo Monumental 'Infinity' Fountain

Brasilia, Brasil, 2010

 Play video

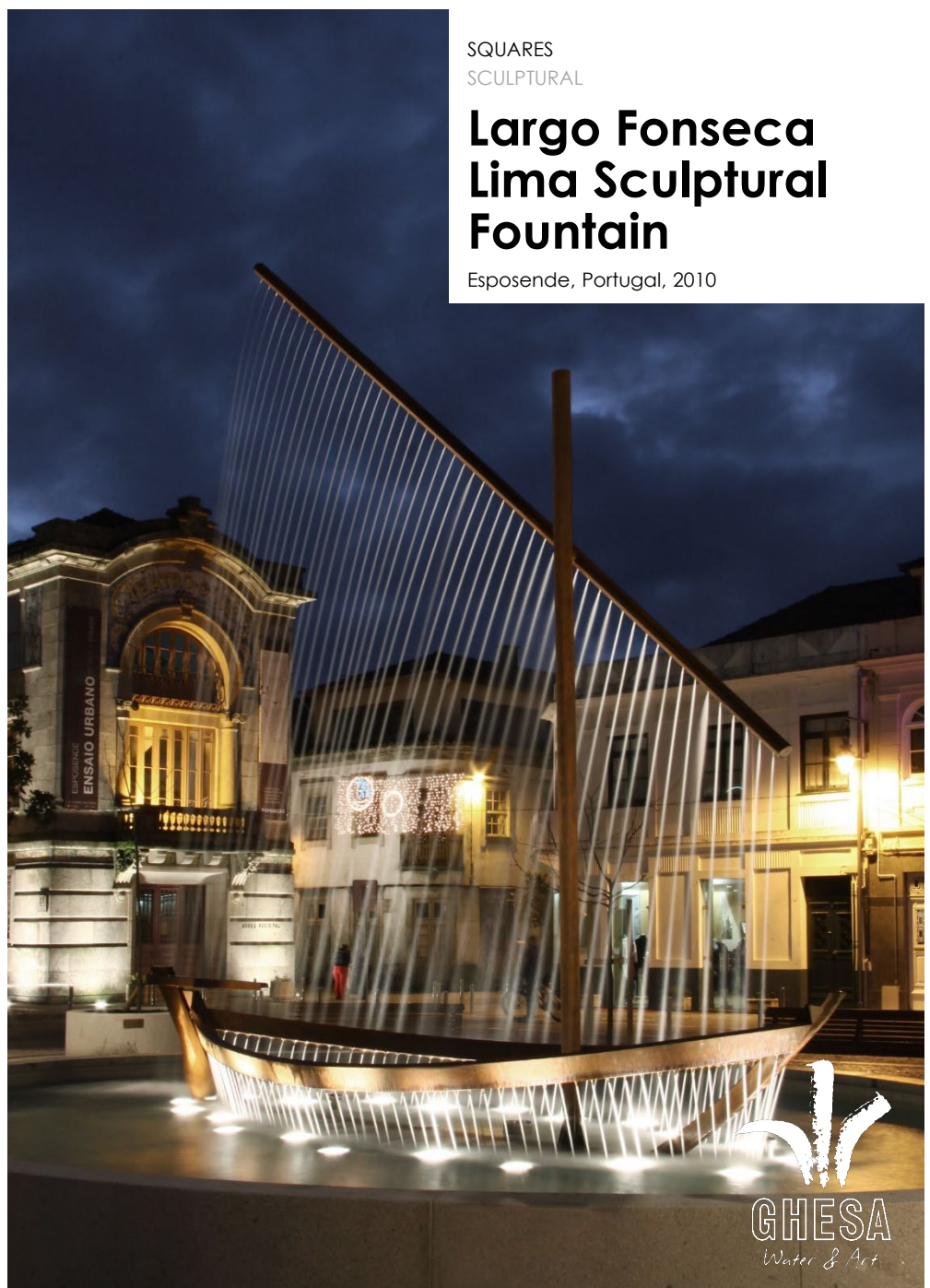

GHESA
Water & Art



SQUARES
SCULPTURAL

Largo Fonseca Lima Sculptural Fountain

Esposende, Portugal, 2010



SQUARES
MAZE/WALK-IN

Yas Marina Walk-in Fountains

Yas Marina, Abu Dhabi, UAE, 2013



 Play video


GHESA
Water & Art

SQUARES
MAZE/WALK-IN

Yas Marina Walk-in Fountains

Yas Marina, Abu Dhabi, EUA, 2013



SQUARES
MULTIMEDIA

Black Sea Arena Multimedia Fountain

Shekvetili, Georgia, 2017



GHESA
Water & Art

SQUARES
MULTIMEDIA

Black Sea Arena Multimedia Fountain

Shekvetili, Georgia, 2017



SQUARES
MULTIMEDIA

Black Sea Arena Multimedia Fountain

Shekvetili, Georgia, 2017



SQUARES
MULTIMEDIA

Puertas de Tierra

Cádiz, Spain, 2023



SQUARES
MULTIMEDIA

Puertas de Tierra

Cádiz, Spain, 2023




GHESA
Water & Art

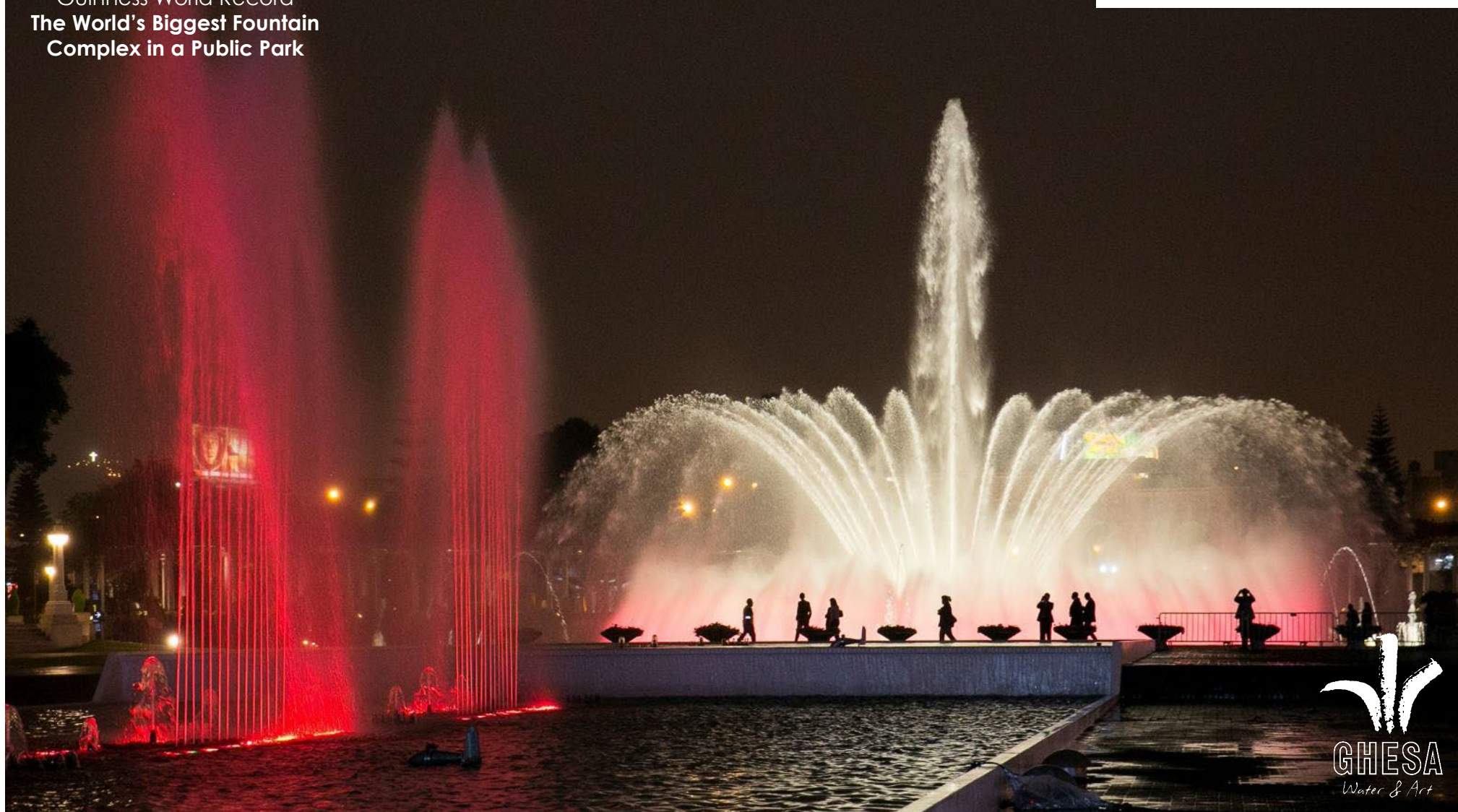


Guinness World Record
**The World's Biggest Fountain
Complex in a Public Park**

URBAN PARKS
SCULPTURAL/MAZE/MULTIMEDIA/WALK-IN

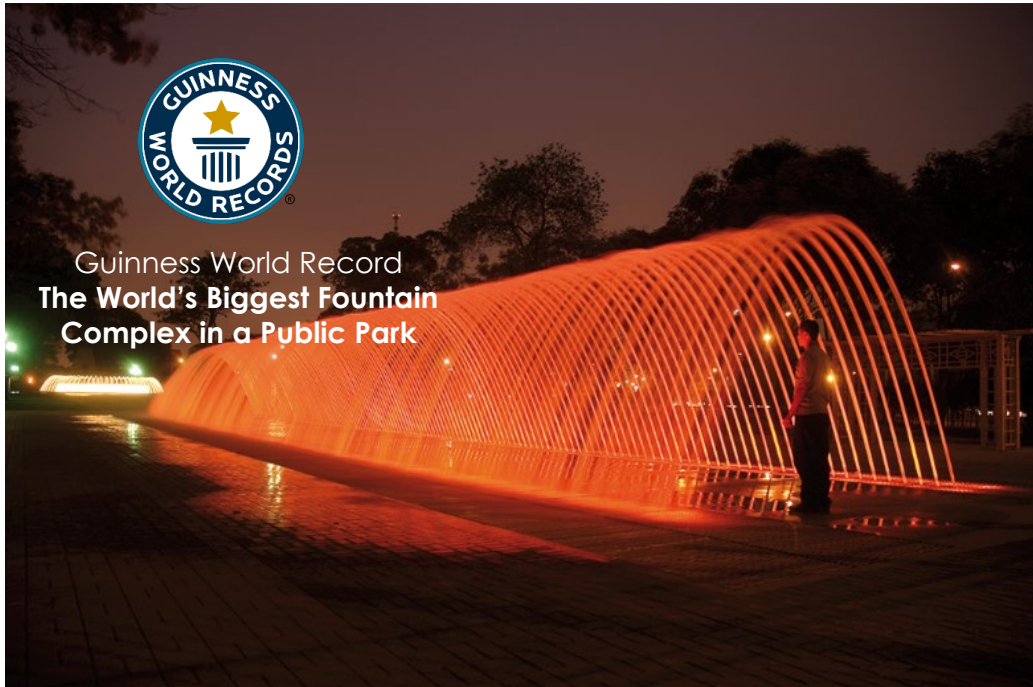
'The Magic Water Circuit'

Parque de la Reserva, Lima, Peru, 2005





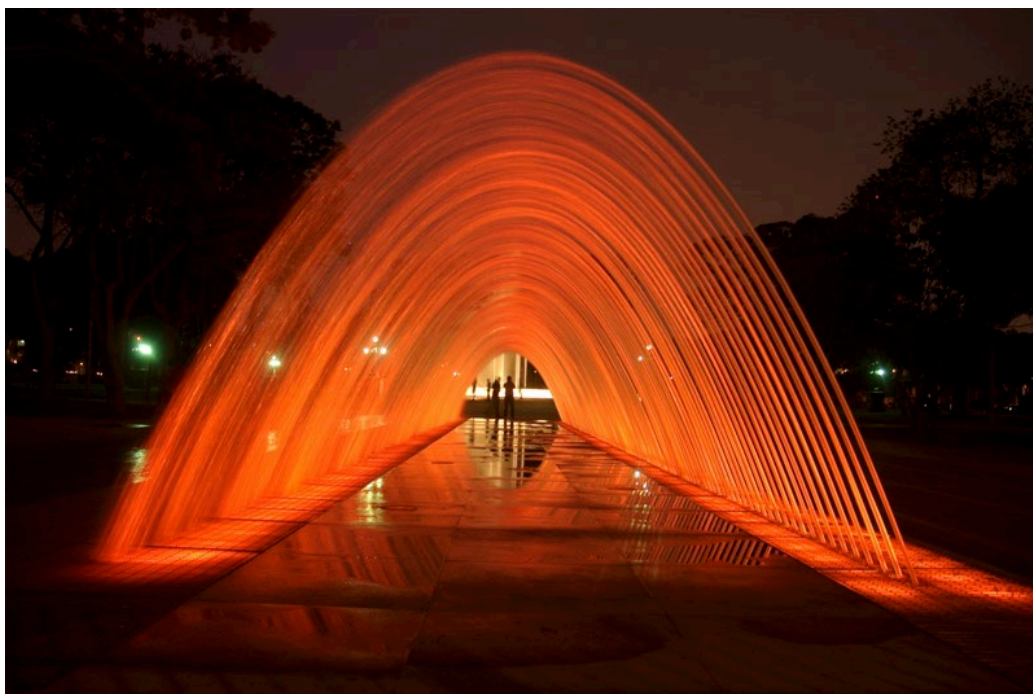
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URBAN PARKS
SCULPTURAL/MAZE/MULTIMEDIA/WALK-IN

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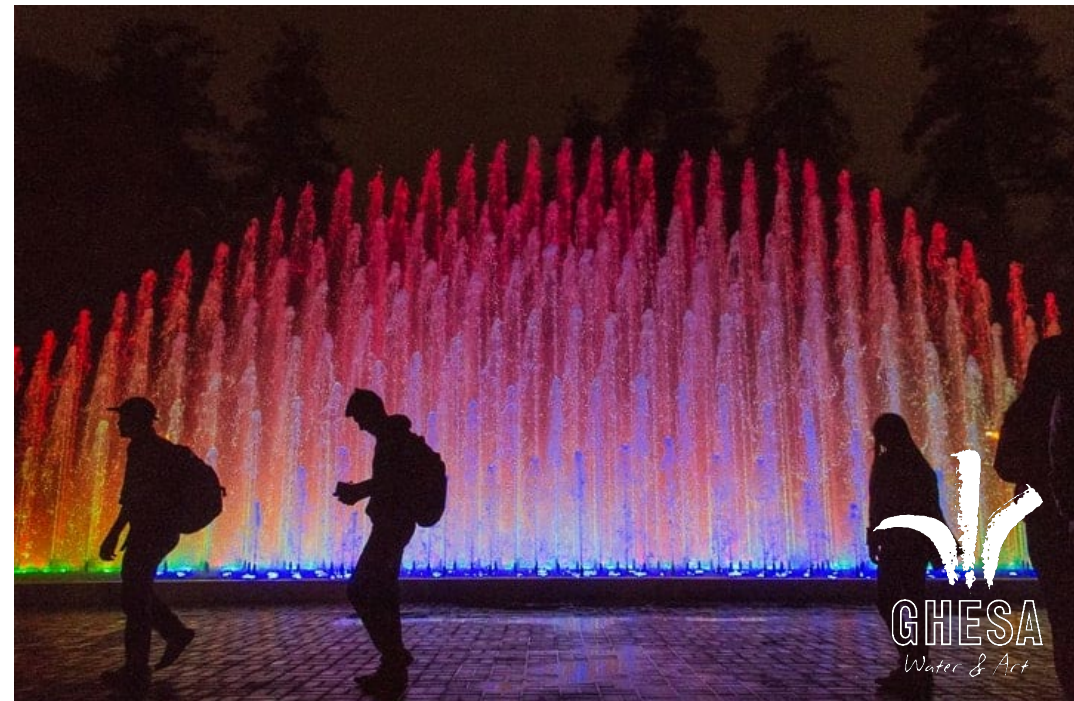
Guinness World Record
**The World's Biggest Fountain
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URBAN PARKS
SCULPTURAL/MAZE/MULTIMEDIA/WALK-IN

'The Magic Water Circuit'

Parque de la Reserva, Lima, Peru, 2005





URBAN PARKS
ORNAMENTAL/SCULPTURAL

Parque dos Poetas Fountains

Oeiras, Portugal, 2013



URBAN PARKS
ORNAMENTAL/SCULPTURAL

Rolla Park Ornamental Fountains

Sharjah, UAE, 2014



URBAN PARKS
ORNAMENTAL/INTERACTIVE/WALK-IN

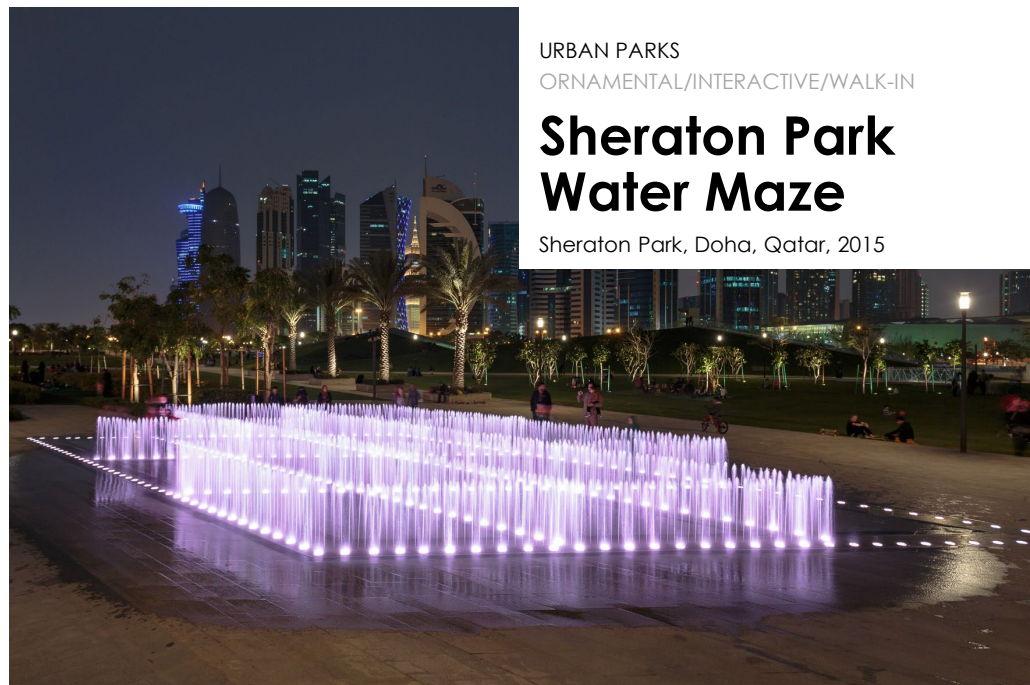
Sheraton Park Water Maze

Sheraton Park, Doha, Qatar, 2015



 Play video


GHESA
Water & Art



URBAN PARKS
ORNAMENTAL/INTERACTIVE/WALK-IN

Sheraton Park Water Maze

Sheraton Park, Doha, Qatar, 2015



URBAN PARKS
ORNAMENTAL/INTERACTIVE/WALK-IN

Sheraton Park Waterfalls

Sheraton Park, Doha, Qatar, 2015



 Play video



URBAN PARKS
ORNAMENTAL

Lusail Promenade Ornamental Fountain

Doha, Qatar, 2018



URBAN PARKS

WALK-IN

Lusail Promenade “Walk-in” Fountain

Doha, Qatar, 2018



URBAN PARKS

WALK-IN

Lusail Promenade “Walk-in” Fountain

Doha, Qatar, 2018



URBAN PARKS
ORNAMENTAL/SCULPTURAL

Khorfakkan Waterfall

Sharjah, United Arab Emirates, 2021



Play video



GHESA
Water & Art

URBAN PARKS
SCULPTURAL

'Water Chimes'

Riyadh, Saudi Arabia, 2021



ROUNDBABOUTS
CYBERNETIC

San Vicente del Raspeig Fountain

Alicante, Spain, 2004



ROUNDBOUTS
SCULPTURAL

'O Sol e o Mar' Sculptural Fountain

Matosinhos, Portugal, 2006



ROUNDBABOUTS
SCULPTURAL

Alvaro Manso Fountain

Sintra, Portugal, 2009



ROUNDBABOUTS
SCULPTURAL

Tribute to Trofa's Firemen Fountain

Trofa, Portugal, 2009



ROUNDBOUTS
ORNAMENTAL

Al Shareef Roundabout

Sharjah, United Arab Emirates, 2020



ROUNDABOUTS
CYBERNETIC

Khorfakkan set of Cybernetic Fountains

Sharjah, UAE, 2019



ROUNDBOUTS
CYBERNETIC

Khorfakkan set of Cybernetic Fountains

Sharjah, UAE, 2019



A large, multi-level shopping mall interior. The ground floor features a central fountain with multiple water jets illuminated in blue and purple. To the left, there are several art displays on easels. The upper levels are connected by a wide staircase and have glass railings. Various retail stores are visible, including 'Verona', 'SPORT', and 'CITYFIT'. The overall atmosphere is modern and well-lit.

2

Leisure, Culture & Sports
Shopping Malls
Cultural and Education Centers
Sports Centers
Hospitality & Casinos
Theme Parks
Shows

SHOPPING MALLS
GRAPHIC WATERFALL/MULTIMEDIA

El Faro Shopping Mall 'East Node' Fountain

El Faro Shopping Mall, Badajoz, Spain, 2012



 Play video


GHESA
Water & Art

SHOPPING MALLS
SCULPTURAL

Titan Plaza Pyramid Fountain

Bogota, Colombia, 2012

SHOPPING MALLS
ORNAMENTAL

Nevada Shopping Mall Fountain

Nevada Shopping Mall, Granada, Spain, 2016



SHOPPING MALLS
CYBERNETIC

Wroclavia Shopping Mall Fountain

Wroclavia Mall, Wroclaw, Poland, 2017





Gold STEVIE Award
Art, Entertainment & Public
Art Event

SHOPPING MALLS
CYBERNETIC

Iconsiam Mall Multimedia Fountain

Bangkok, Thailand, 2019



Play video





Gold STEVIE Award
Art, Entertainment & Public
Art Event

SHOPPING MALLS
CYBERNETIC

Iconsiam Mall Multimedia Fountain

Bangkok, Thailand, 2019



GHESA
Water & Art

SHOPPING MALLS
WALK-IN

Iconsiam Mall “Walk-in” Fountain

Bangkok, Thailand, 2019



SHOPPING MALLS
ORNAMENTAL

Iconsiam Mall Graphic Water Screen

Bangkok, Thailand, 2019



Play video

GHESA
Water & Art

SHOPPING MALLS
CYBERNETIC

Mogan Mall Cybernetic Fountain

Puerto Rico, Gran Canaria, Spain, 2019



SHOPPING MALLS
ORNAMENTAL/WALK-IN

Saler Shopping Centre

Valencia, Spain, 2021



SHOPPING MALLS
ORNAMENTAL/WALK-IN

Saler Shopping Centre

Valencia, Spain, 2021



SHOPPING MALLS
ORNAMENTAL

Apple Store Al Maryah Island

Abu Dhabi, UAE 2022



SHOPPING MALLS
ORNAMENTAL

Apple Store Al Maryah Island

Abu Dhabi, UAE 2022



SHOPPING MALLS
ORNAMENTAL

Apple Store Al Maryah Island

Abu Dhabi, UAE 2022



SHOPPING MALLS
ORNAMENTAL

Apple Store Al Maryah Island

Abu Dhabi, UAE 2022

SHOPPING MALLS
ORNAMENTAL

Apple Store Al Maryah Island

Abu Dhabi, UAE 2022



SHOPPING MALLS
ORNAMENTAL

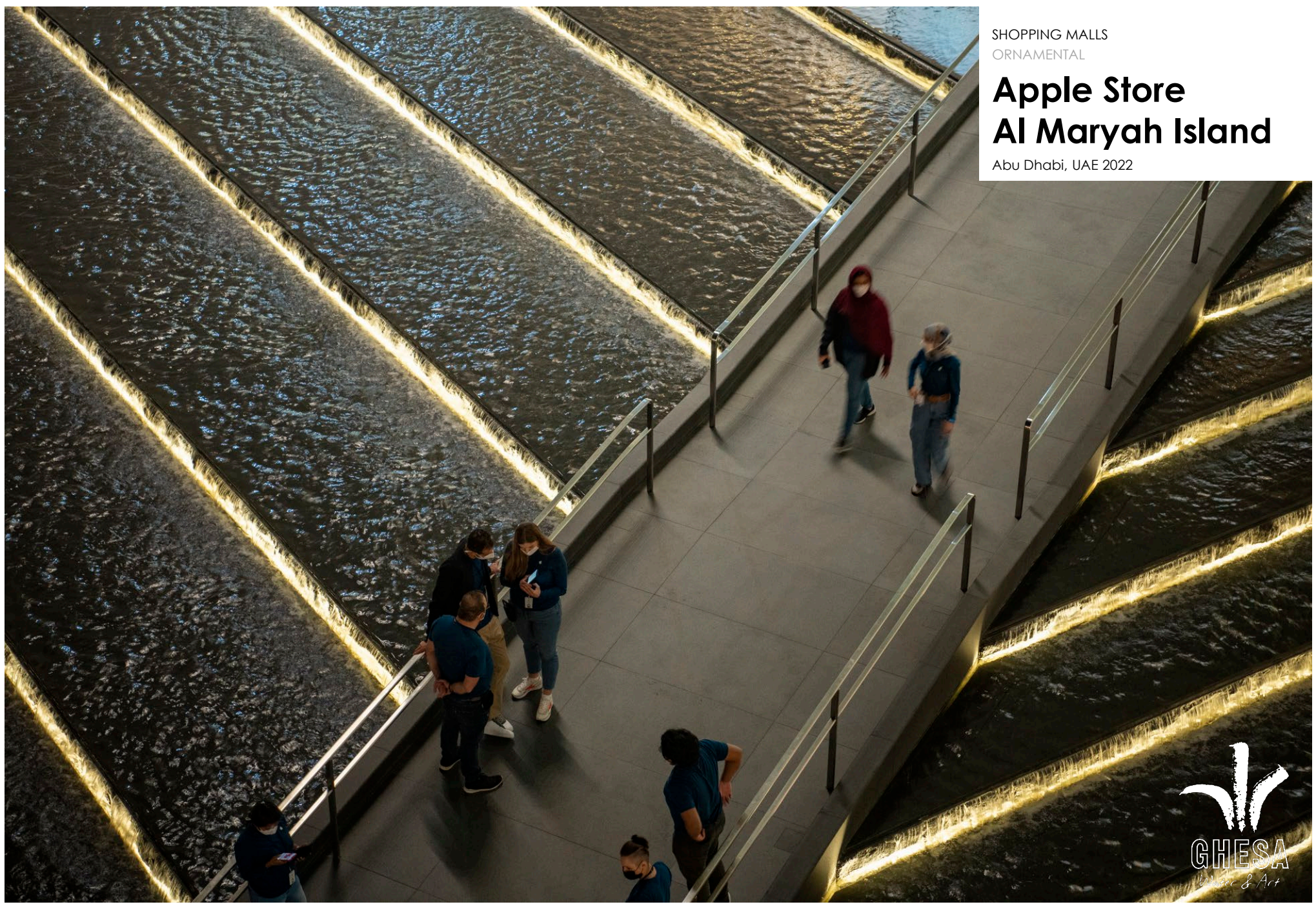
Apple Store Al Maryah Island

Abu Dhabi, UAE 2022

SHOPPING MALLS
ORNAMENTAL

Apple Store Al Maryah Island

Abu Dhabi, UAE 2022



CULTURAL AND EDUCATION CENTERS
ORNAMENTAL

International Expo Seville '92 Fountains

Seville, Spain, 1992

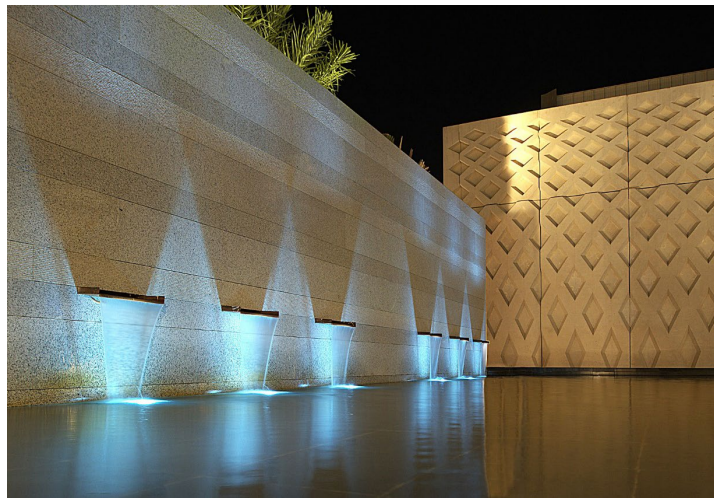


CULTURAL AND EDUCATION CENTERS
ORNAMENTAL

International Expo Zaragoza '08 Fountains

Zaragoza, Spain, 2008

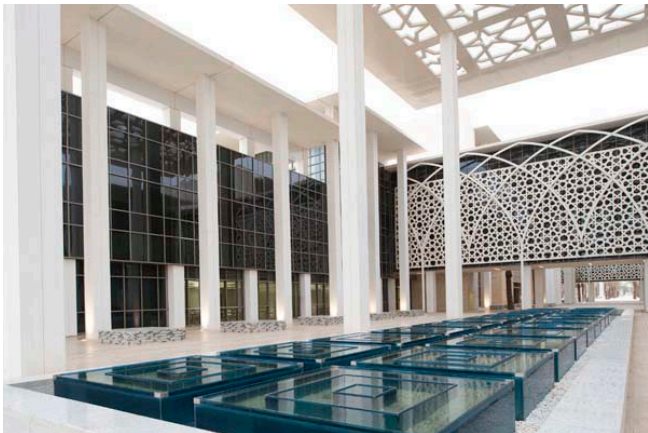




CULTURAL AND EDUCATION CENTERS
ORNAMENTAL

Princess Nourah University

Riyadh, Saudi Arabia, 2011



CULTURAL AND EDUCATION CENTERS
DIGITAL/INTERACTIVE

Saudi Arabia Pavilion Digital Water Curtain

EXPO 2020, Dubai, United Arab Emirates



Guinness World Record for
The Longest Interactive Water Feature



CULTURAL AND EDUCATION CENTERS
DIGITAL/INTERACTIVE

Saudi Arabia Pavilion Digital Water Curtain

EXPO 2020, Dubai, United Arab Emirates



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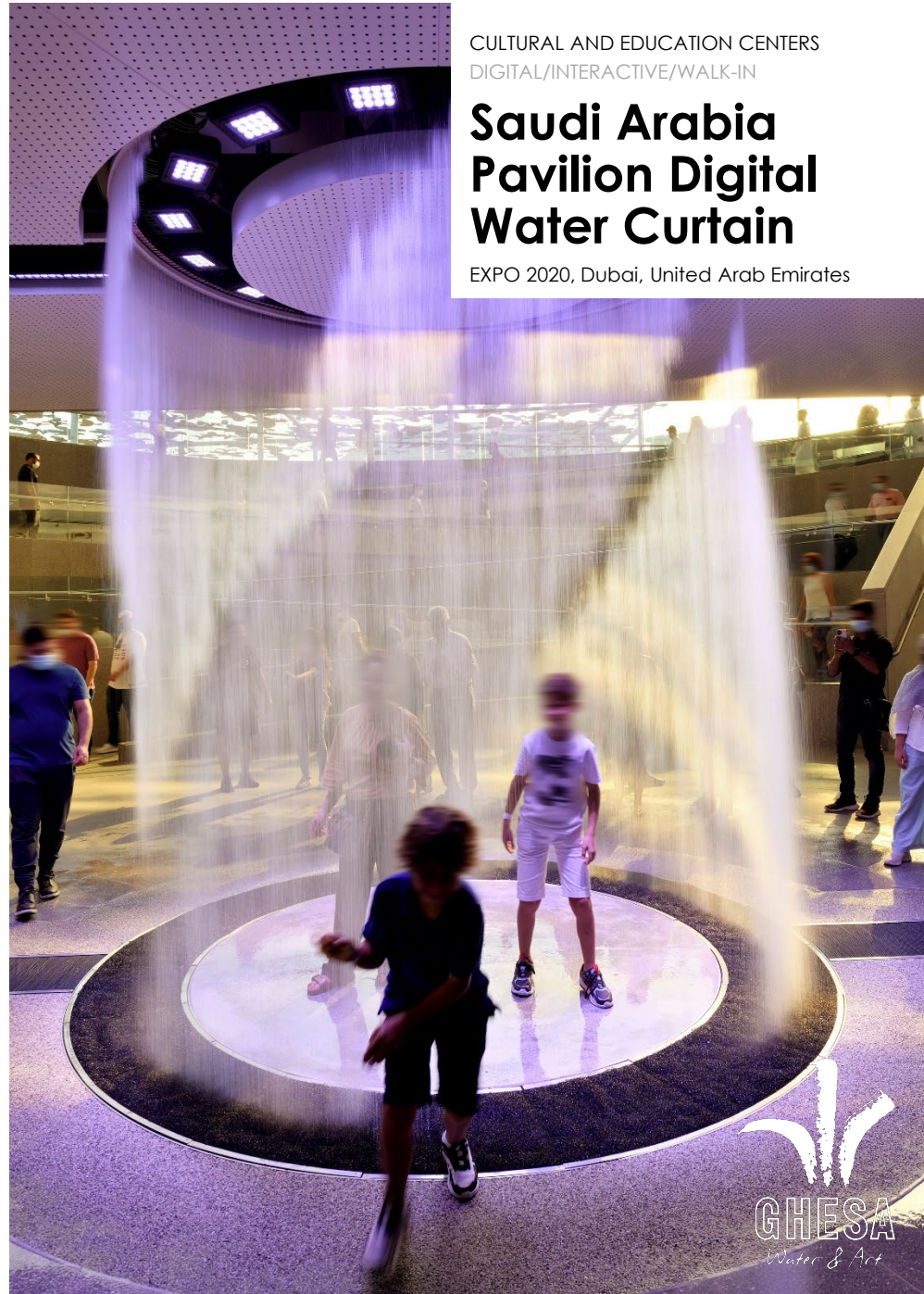


CULTURAL AND EDUCATION CENTERS
DIGITAL/INTERACTIVE/WALK-IN

Saudi Arabia Pavilion Digital Water Curtain

EXPO 2020, Dubai, United Arab Emirates





CULTURAL AND EDUCATION CENTERS
DIGITAL/INTERACTIVE/WALK-IN

Saudi Arabia Pavilion Digital Water Curtain

EXPO 2020, Dubai, United Arab Emirates



SPORTS CENTERS
ORNAMENTAL

Ciudad Real Madrid Fountains

Valdebebas, Madrid, Spain, 2005



SPORTS CENTERS
INTERACTIVE/CYBERNETIC

Wembley Arena Stadium Fountain

London, England, 2006



HOSPITALITY & CASINOS
MULTIMEDIA

Restaurant Orient Pearl Fountain

Doha, Qatar, 2013



HOSPITALITY & CASINOS
MULTIMEDIA

Pomegranate Hotel & Spa Fountain

Nea Moudania, Greece, 2014

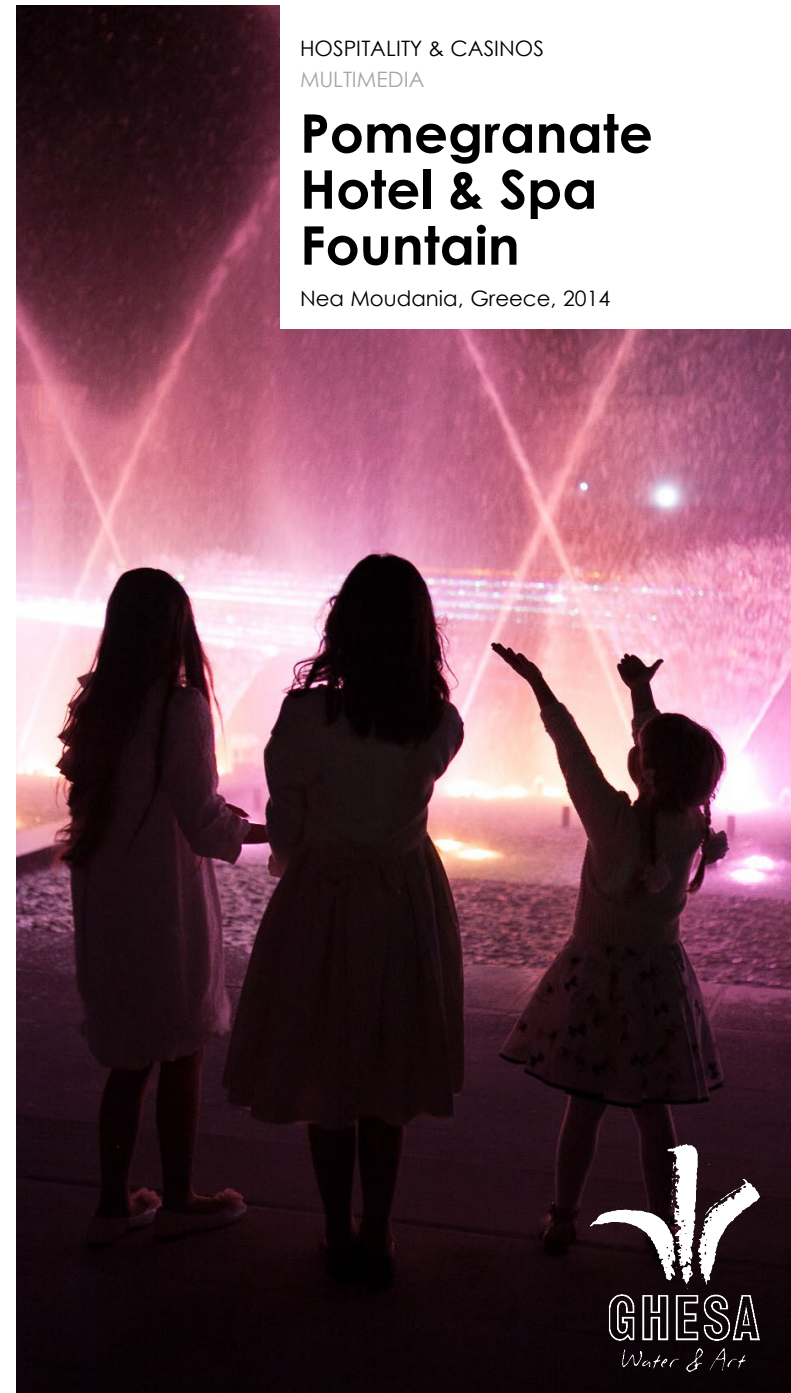




HOSPITALITY & CASINOS
MULTIMEDIA

Pomegranate Hotel & Spa Fountain

Nea Moudania, Greece, 2014



HOSPITALITY & CASINOS
ORNAMENTAL

Falcon Tower Ornamental Fountain

Doha, Qatar, 2017



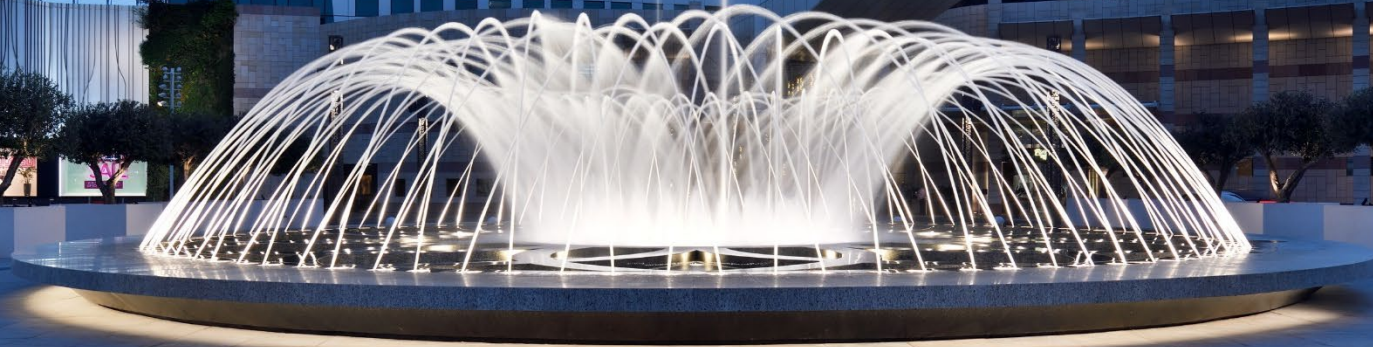


**Middle East Shopping Centre
& Retailer Awards**
*Service Excellence Award
Decor & Design Installation*

HOSPITALITY & CASINOS
CYBERNETIC

Festival Plaza Cybernetic Fountain

Dubai Festival City, UAE, 2018



Play video





HOSPITALITY & CASINOS
CYBERNETIC

Festival Plaza Cybernetic Fountain

Dubai Festival City, UAE, 2018



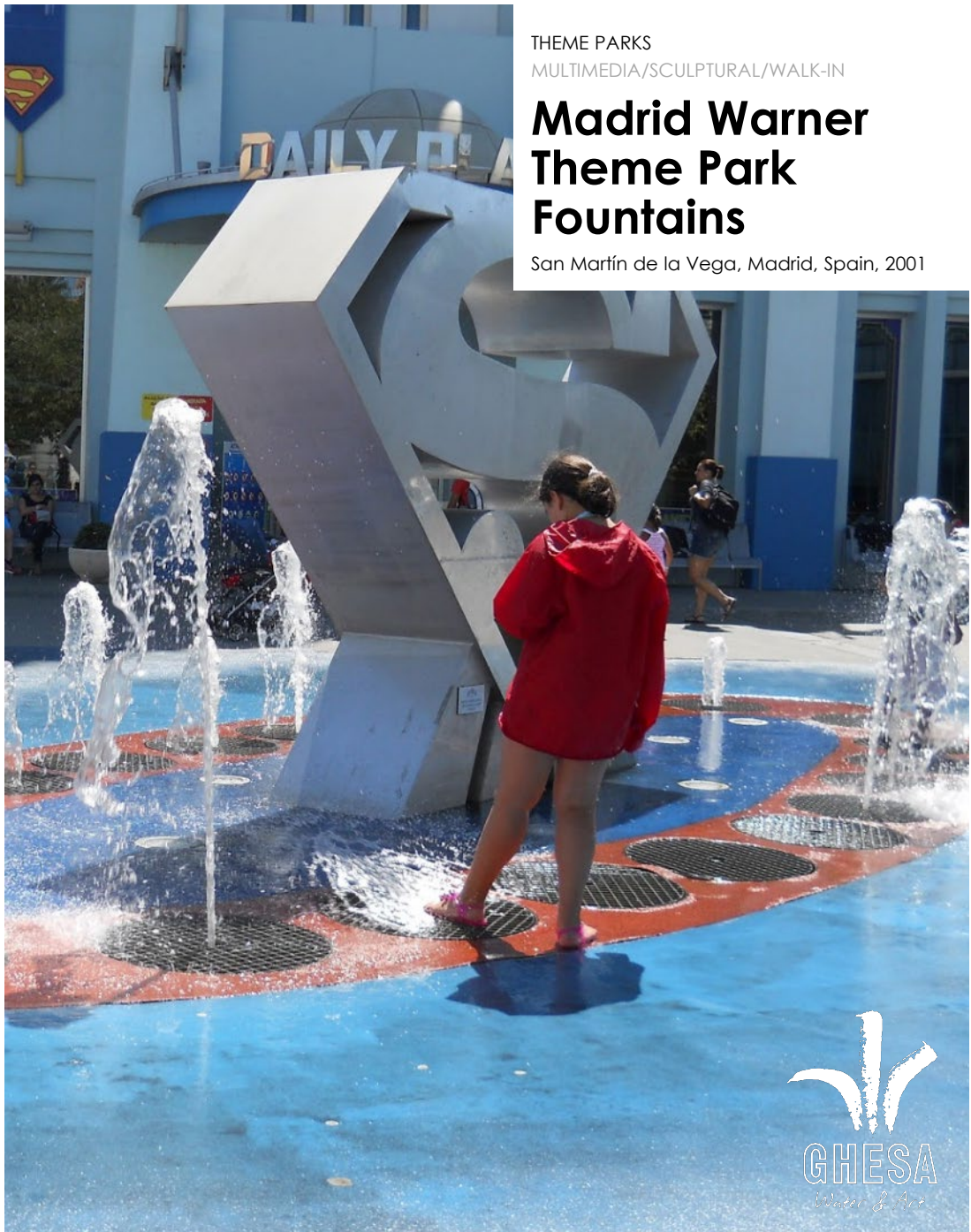


HOSPITALITY & CASINOS
CYBERNETIC

Festival Plaza Cybernetic Fountain

Dubai Festival City, UAE, 2018





THEME PARKS
MULTIMEDIA/SCULPTURAL/WALK-IN

Madrid Warner Theme Park Fountains

San Martín de la Vega, Madrid, Spain, 2001





Guinness World Record
The Longest Walk-in Fountain

THEME PARKS
MULTIMEDIA/SCULPTURAL/WALK-IN

Rock in Rio Theme Park Fountains

Arganda del Rey, Madrid, Spain, 2008





Guinness World Record
The Longest Walk-in Fountain

THEME PARKS
MULTIMEDIA/SCULPTURAL/WALK-IN

Rock in Rio Theme Park Fountains

Arganda del Rey, Madrid, Spain, 2008



THEME PARKS
MULTIMEDIA

Toverland Musical Fountain

Sevenum, Netherlands, 2013



THEME PARKS
MAZE/MULTIMEDIA/WALK-IN

Cafalandia Theme Park Fountains

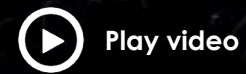
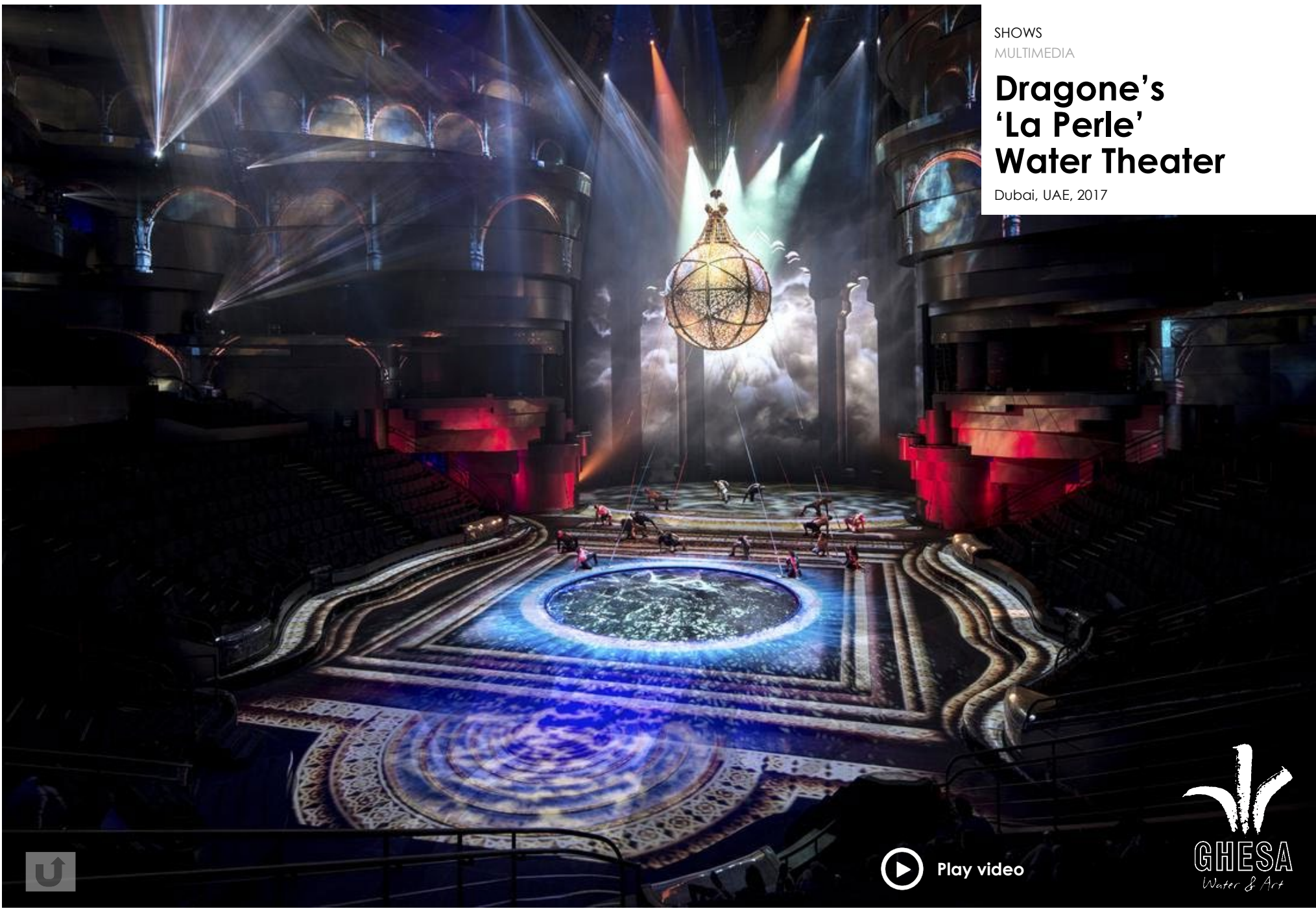
Melgar, Colombia, 2014



SHOWS
MULTIMEDIA

Dragone's 'La Perle' Water Theater

Dubai, UAE, 2017



An aerial night view of a city waterfront. In the foreground, a large, illuminated public building with a central dome and multiple wings is visible. The building is surrounded by landscaped areas with palm trees and walkways. In the middle ground, a large body of water features a prominent fountain with a tall, vertical jet of water and several smaller, colorful jets. The city skyline in the background is filled with numerous high-rise buildings, many of which are lit up. The sky is dark with some clouds, and the overall scene is illuminated by the city lights and the fountain's lights.

3

Special Projects
Floating Fountains
National Heritage
Public Buildings

FLOATING FOUNTAINS
FLOATING/MULTIMEDIA

Reservatorio de Cacilhas Floating Fountain

Macau, China, 1995



FLOATING FOUNTAINS
FLOATING/MULTIMEDIA

Lake Ibirapuera Floating Fountain

São Paulo, Brasil, 2004



FLOATING FOUNTAINS
FLOATING/MULTIMEDIA

Al Majaz Waterfront Fountain

Sharjah, UAE, 2012



FLOATING FOUNTAINS
FLOATING/MULTIMEDIA

Al Majaz Waterfront Fountain

Sharjah, UAE, 2012



NATIONAL HERITAGE
ORNAMENTAL

Montjuïc Cascades Restoration

Barcelona, Spain, 1992



NATIONAL HERITAGE
ORNAMENTAL

Plaza de Zorrilla Fountain Restoration

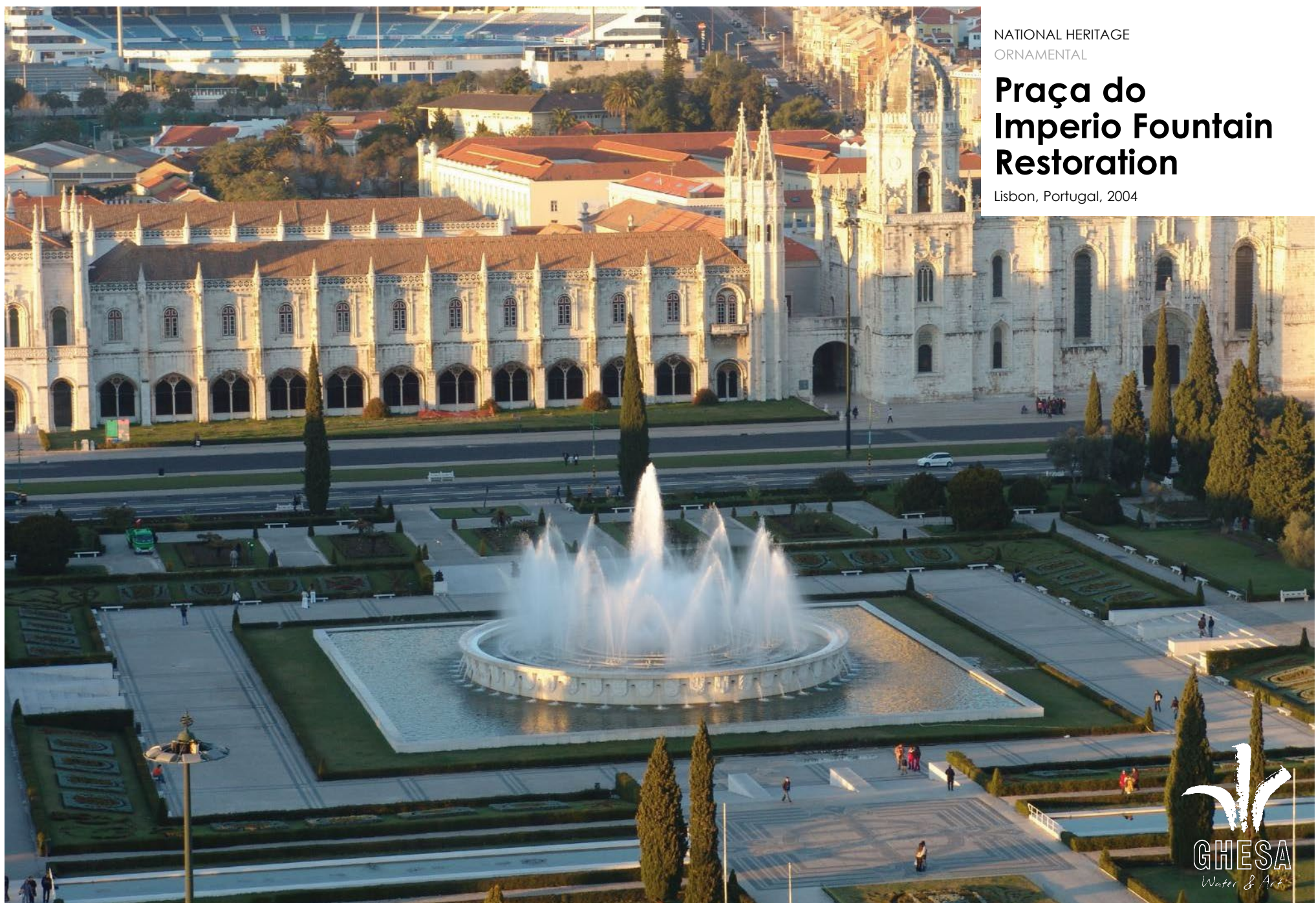
Valladolid, Spain, 1999



NATIONAL HERITAGE
ORNAMENTAL

Praça do Imperio Fountain Restoration

Lisbon, Portugal, 2004



PUBLIC BUILDINGS
ORNAMENTAL

Abu Dhabi's Presidential Palace Fountains

Abu Dhabi, UAE, 2014



PUBLIC BUILDINGS
CYBERNETIC

Dana Holdings Multimedia Cybernetic Fountain

Minsk, Belorussia, 2019



Ghesa
Water & Art

06. AWARDS



Guinness World Record 2007

World's Largest Fountain Complex in a Public Park (Parque de la Reserva – Peru)

Guinness World Record 2008

World's Longest Walk-in Water Feature (Rock in Rio Madrid, Spain)

Guinness World Record 2020

World's Longest Interactive Water Feature (KSA Pavilion – Dubai Expo 2020)

Instituto para la Excelencia Award 2017

Larus Design Awards



Gold STEVIE Awards 2019 for Art, Entertainment & Public for ICONSIAM's "ICONIC Multimedia Water Features"



Middle East Shopping Centre & Retailer Awards (Service Excellence Award - Decor & Design Installation) for Dubai Festival Plaza



Macael Award 2019- Asia International Award Category for Mondran Hotel fountain set

07. QUALITY CERTIFICATION

GHESA WATER & ART

ISO 9001:2015 CERTIFICATION

GHESA

ISO 14001:2015 CERTIFICATION

EA

ISO 45001:2018 CERTIFICATION

Our designs contribute to obtaining
LEED & BREEAM environmental
certifications



Business
Development

Operations
Management

- Business Development
- Bidding
- Engineering
- Procurement
- Setting-up

After-sales
Service



GHESA
Water & Art



ghesawaterart.com