

MAN MADE CRYSTAL LAGOONS OF UNLIMITED SIZE

Crystal Lagoons[®]
WORLD'S TOP AMENITY



An aerial photograph of a coastal landscape. In the foreground, there is a wide, sandy beach meeting a calm, blue body of water. Behind the beach, a series of rolling green hills and valleys are visible, some with patches of trees and small settlements. In the far distance, a range of mountains stretches across the horizon under a clear sky. A semi-transparent blue rectangle is overlaid on the left side of the image, containing the text "THE BEGINNING" in white, bold, sans-serif capital letters.

THE BEGINNING



THE PROBLEM

THE DREAM



Crystal Lagoons

THE DREAM



Crystal Lagoons

INITIAL
FRUSTRATION



Crystal Lagoons®

RESEARCH



Crystal Lagoons

PRESS &
AWARDS



2007



PRESS & AWARDS

**Bloomberg
Businessweek**

Take a dip, cool a power plant: a rendering of Eisenhower's vision

Innovator
High-Tech Pools

**NATIONAL
GEOGRAPHIC**

TECHNOLOGY

Big Dipper But what's that southern constellation you
can't see? The stars are there, but only in the south of
the world's largest pond.

pump through a typical large power plant every day. About 40 percent of the electricity generated in the U.S. comes from plants that draw from rivers, lakes, or oceans, and spit out heated water, which can harm aquatic life near the black, acidic effluents. In some cases, the plants can be ecologically damaging, even without a Volcanism-scale disaster. The water going into a plant also may be clean to avoid fouling its equipment.

Decisions about siting systems are thousands of kilometers apart. For instance, siting a plant near a volcano, such as the one at the Algeciras, requires taking steps to prevent volcanic ash and debris from fouling the plant's equipment. In the case of the Algeciras, the plant is designed to handle a volcanic eruption that would deposit 10 cm of ash on the plant's roof. The plant is also designed to handle a volcanic eruption that would deposit 10 cm of ash on the plant's roof. The plant is also designed to handle a volcanic eruption that would deposit 10 cm of ash on the plant's roof.

Fuchsmann's team used a fluorescently labeled antibody to agglutinate waterborne bacteria, simplifying their removal. A second antibody, which binds to the agglutinated bacteria, is then used to agglutinate the bacteria, simplifying their removal. A third antibody, which binds to the agglutinated bacteria, is then used to agglutinate the bacteria, simplifying their removal.

REUTERS

THE WALL STREET JOURNAL

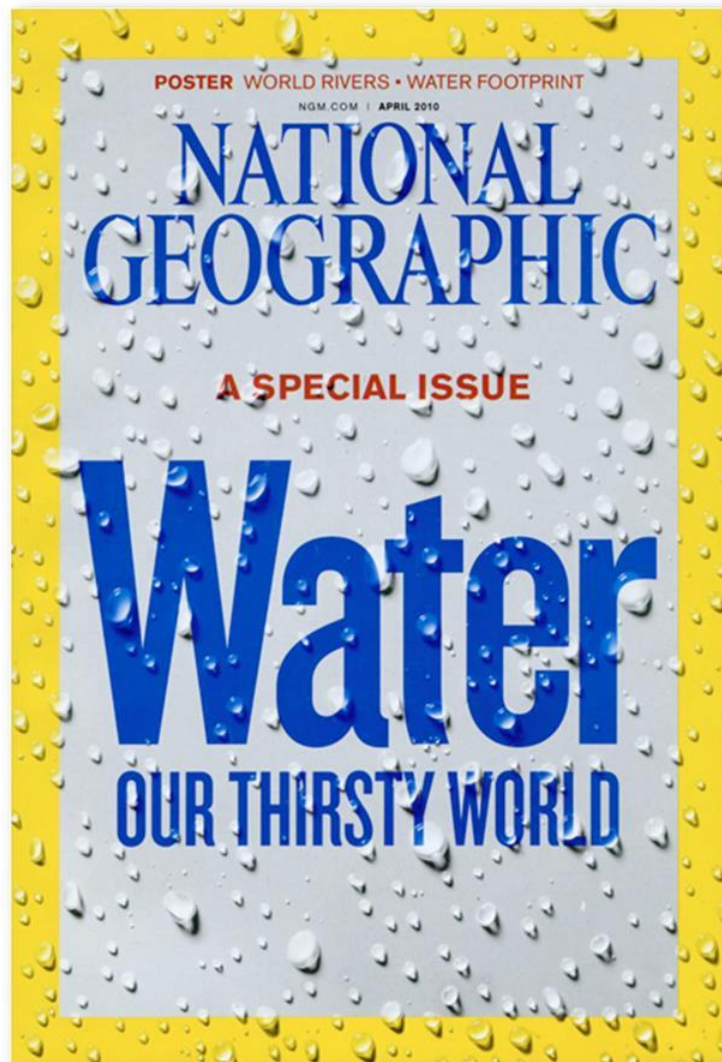
Home World U.S. Politics Economy Business Tech Markets Opinion Arts Life

By PETER GRANT

Construction of the Jacobs Drive project in North Miami, shown in a rendering, is set to take two decades, with

By **PETER GRANT**





TECHNOLOGY

Big Dipper Salt water from a southern ocean surrounds you. White sand lines the floor and shore. Sailboats dot the surface as snorkelers swim by. Welcome to... the world's largest pool.

Covering 20 acres and stretching half a mile, the swimming hole at Chile's San Alfonso del Mar resort is a 115-foot-deep, 66-million-gallon monster. (An Olympic-size pool is "only" 164 feet long, 6 feet 7 inches deep, 660,000 gallons.) Built for \$3.5 million by the Chilean firm Crystal Lagoons, which aims to open an even vaster version in the Egyptian desert, the pool has delighted resort guests and curiosity seekers since 2007. Now athletes are joining the list.

U.S. triathlete Amanda Stevens, 32, took a dip in—and a run around—the giant pool last year. "It stretches on forever and ever," she gushes. "There should be a training camp here!" —Jeremy Berlin



The world's largest pool is in Algarrobo, Chile, about 60 miles west of the capital, Santiago.



Pumped in from the Pacific, the water in this Chilean pool is 16°F warmer than the ocean.

PHOTO: ELISEO FERNANDEZ, REUTERS, NOW MAPS

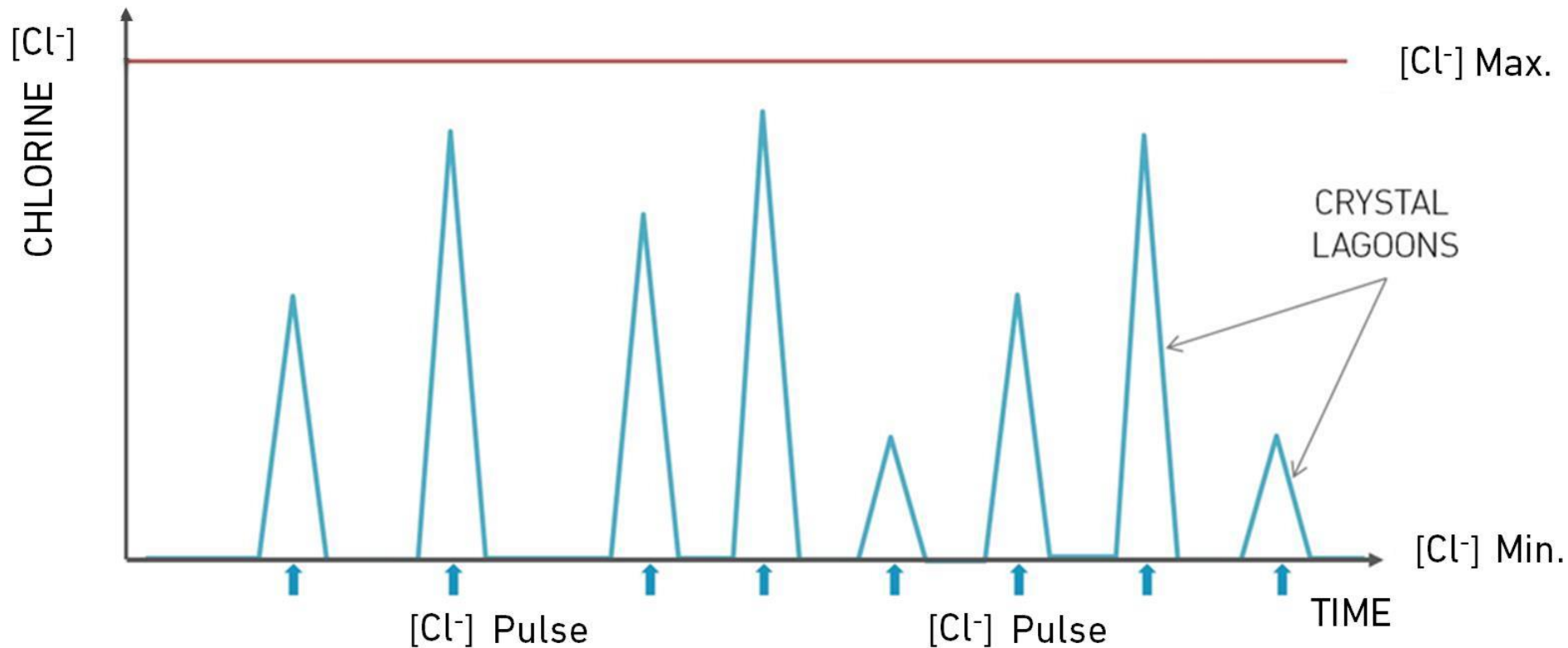
SUSTAINABLE TECHNOLOGY



United Nations
Educational, Scientific and
Cultural Organization

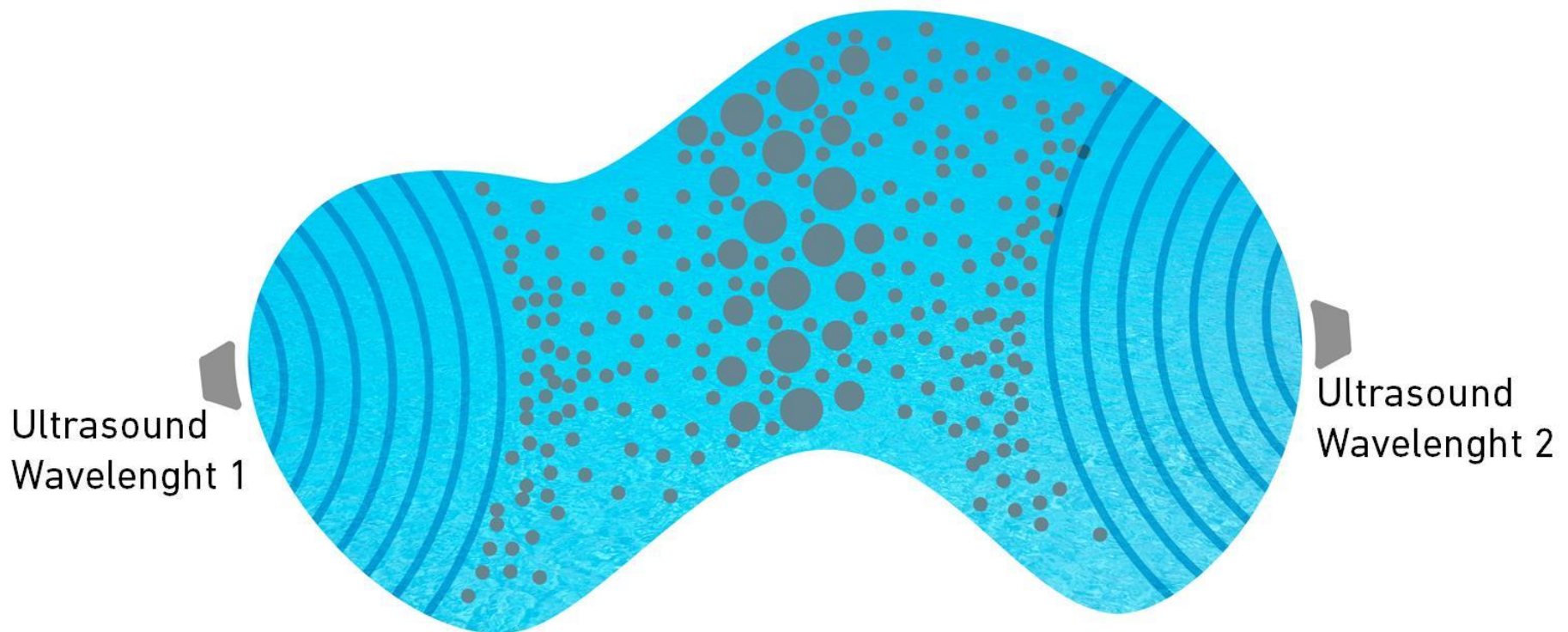


Disinfection Pulses (100 times less chemicals)



- All **additives** used by Crystal Lagoons' technology are **EPA approved** for drinking water and swimming pools and are used in much lower concentrations

- Low cost filtration
(50 times less energy consumption)





Low water consumption

- A 3 [ha] lagoons uses 30 times less water than a standard 18 holes-golf-course.
 - 25% water consumption compared to a park of the same size.
- (Evaporation Control: NSF Approved – Surface Film)

TELEMETRIC OPERATION



CRYSTAL LAGOONS: IDYLLIC BEACH LIFE ANYWHERE

Founded in 2008



A large, dynamic splash of water in shades of blue and white, filling the background. The water is captured in mid-air, creating a sense of movement and energy. The splash is more concentrated on the right side, with many smaller droplets and bubbles trailing off towards the bottom right. On the left side, there is a solid blue rectangular area that serves as a backdrop for the text.

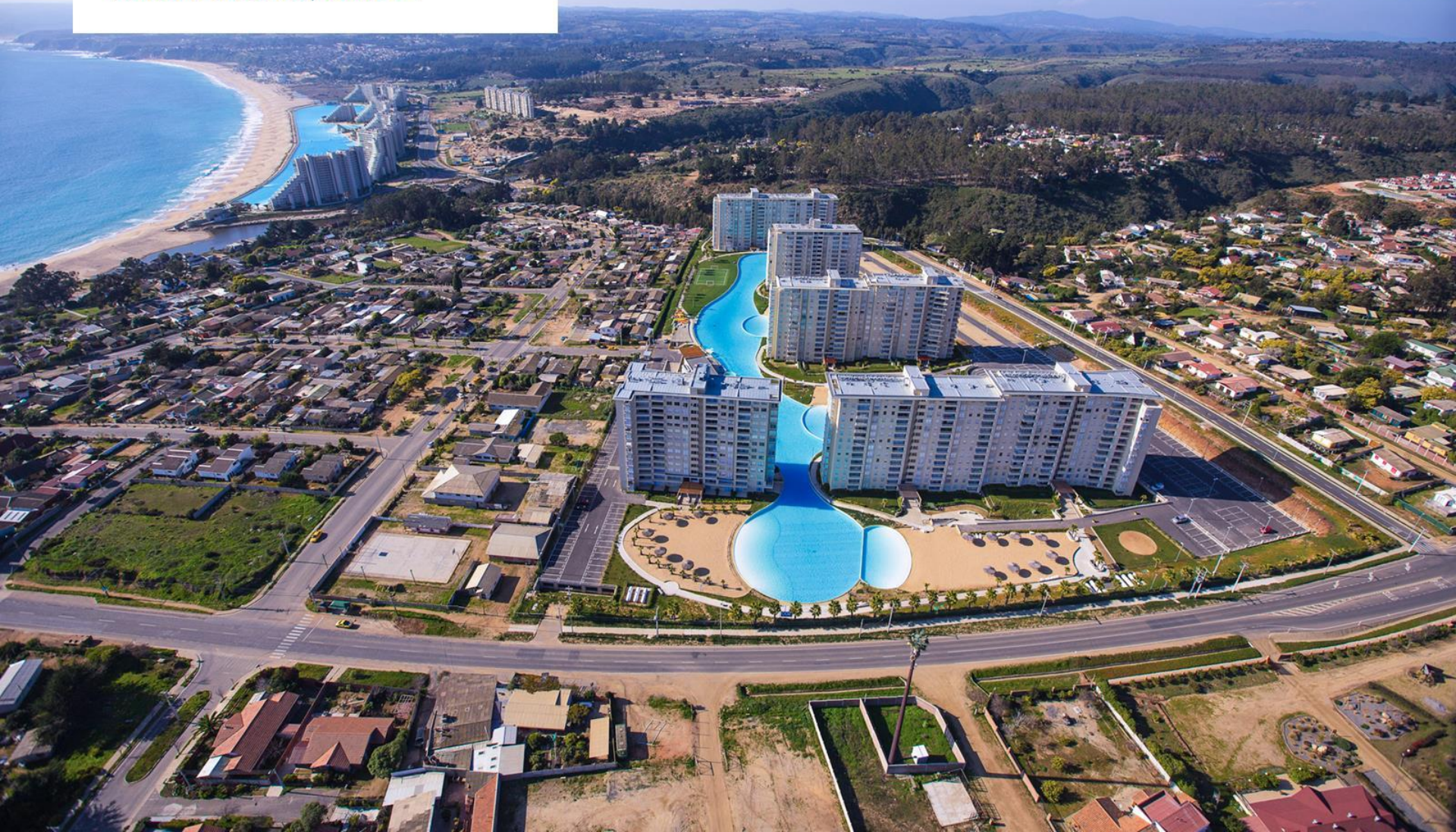
GLOBAL EXPANSION

Crystal Lagoons

LOCAL
EXPANSION

LAGUNA VISTA

ALGARROBO, CHILE



Crystal Lagoons

URBAN
BEACHES

AYRES DE CHICUREO

SANTIAGO, CHILE



Crystal Lagoons

LOCAL
EXPANSION

LAS BRISAS

SANTO DOMINGO, CHILE



Crystal Lagoons

LOCAL
EXPANSION

LAS BRISAS

SANTO DOMINGO, CHILE



Crystal Lagoons

URBAN
BEACHES

LAGUNA DEL SOL

SANTIAGO, CHILE



Crystal Lagoons

GLOBAL
EXPANSION

SHARM EL SHEIKH

EGYPT



Crystal Lagoons

GLOBAL
EXPANSION

SHARM EL SHEIKH

EGYPT



2015



Crystal Lagoons

GLOBAL
EXPANSION

DEAD SEA LAGOON

JORDAN



Crystal Lagoons

GLOBAL
EXPANSION

LA JOLLA DE ASIA

PERU



Crystal Lagoons

GLOBAL
EXPANSION

PLAYA BLANCA

CORONADO, PANAMA



Crystal Lagoons

GLOBAL
EXPANSION

TERRALAGOS

EZEIZA, ARGENTINA



Crystal Lagoons

GLOBAL
EXPANSION

DIAMANTE

CABO SAN LUCAS, MEXICO



Crystal Lagoons

GLOBAL
EXPANSION

DIAMANTE

CABO SAN LUCAS, MEXICO



Crystal Lagoons

GLOBAL
EXPANSION

DUBAI

UAE



Crystal Lagoons

GLOBAL
EXPANSION

DUBAI
UAE



Crystal Lagoons

GLOBAL
EXPANSION

BINTAN INDONESIA



Crystal Lagoons

LATEST
PROJECTS

IL MONTE GALALA EGYPT



Crystal Lagoons

LATEST
PROJECTS

DSK City

INDIA



Crystal Lagoons

LATEST
PROJECTS

BOTANICA

CAIRNS, AUSTRALIA



Crystal Lagoons

LATEST
PROJECTS

Rowlett, Texas

USA



A group of eight young adults, four men and four women, are captured in mid-air, jumping joyfully on a sandy beach. They are all smiling and have their arms raised high. The background features a clear blue sky and turquoise ocean water. The group is diverse in age and ethnicity. They are wearing casual summer clothing like t-shirts, tank tops, and shorts. The overall mood is one of happiness and freedom.

400 PROJECTS
IN MORE THAN
60 COUNTRIES



Commercial Offices



Upcoming Commercial Offices





IMPROVING URBAN LIFESTYLE

PUBLIC LAGOONS

Crystal Lagoons

PUBLIC
LAGOONS

MIT ALLIANCE
U.S.



ARTIFICIAL BEACHES

Encarnación, Paraguay



Crystal Lagoons

SUCESS
STORIES

PARIS PLAGES

Paris, France



Crystal Lagoons

SUCESS
STORIES

Piscinao do Ramos

Rio de Janeiro, Brasil



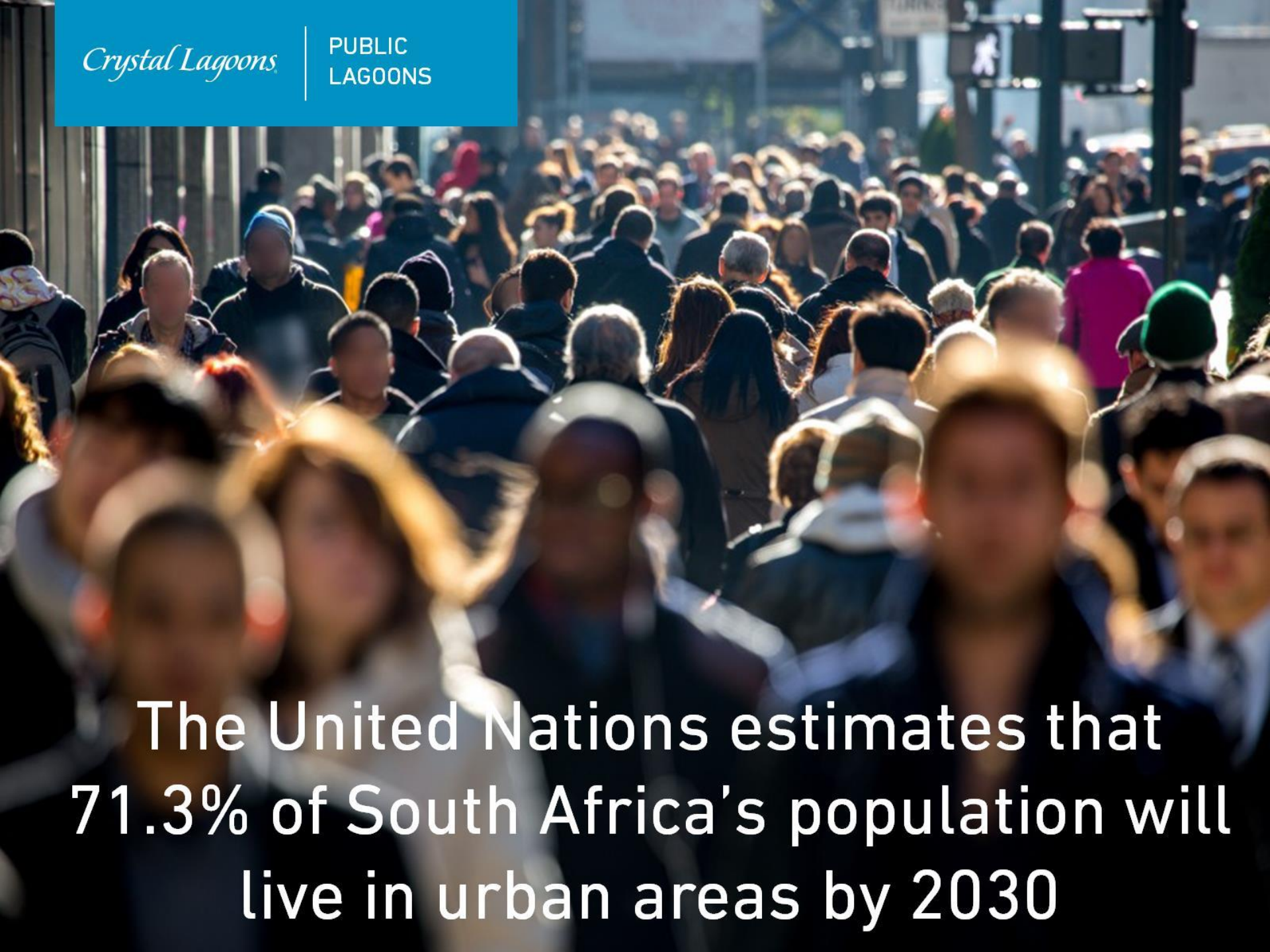
Crystal Lagoons

SUCCSS
STORIES

HTO Park

Toronto, Canada



A large, dense crowd of people walking on a city street, illustrating urban population growth. The crowd is diverse in age and appearance, and the scene is captured from a low angle, looking down the street. The background shows city buildings and a pedestrian crossing sign.

The United Nations estimates that
71.3% of South Africa's population will
live in urban areas by 2030

MAN MADE CRYSTAL LAGOONS OF UNLIMITED SIZE

Crystal Lagoons®

WORLD'S TOP AMENITY

PUBLIC LAGOONS - THE URBAN LIFESTYLE REVOLUTION



Crystal Lagoons

PUBLIC
LAGOONS

CENTRAL PARK
NEW YORK, U.S.A



Crystal Lagoons

PUBLIC
LAGOONS

MIAMI DADE COUNTY
FLORIDA, U.S.



Crystal Lagoons

PUBLIC
LAGOONS

BICENTENARIO PARK LAGOON
SANTIAGO, CHILE



Crystal Lagoons

PUBLIC
LAGOONS

RACE TRACKS



Crystal Lagoons

LATEST
PROJECTS

SOLE MIA

MIAMI, U.S.



Crystal Lagoons

PUBLIC
LAGOONS

Properties abutting parks
increase 5-20% in value



Crystal Lagoons

PUBLIC
LAGOONS



Crystal Lagoons

PUBLIC
LAGOONS



Crystal Lagoons

PUBLIC
LAGOONS

MIRADOR INTERACTIVE MUSEUM
SANTIAGO, CHILE

Surrounding activation supports
local economy development and
attracts tourism



Crystal Lagoons

PUBLIC
LAGOONS

PARQUE QUEBRADA

SANTIAGO, CHILE



Crystal Lagoons

NEW
PUBLIC
PROJECTS

LUGANO'S VILLAGE GOLF BUENOS AIRES, ARGENTINA



Crystal Lagoons

PUBLIC
LAGOONS



WORLD PROBLEMS

A composite image of Earth from space. The left side is a solid blue rectangle containing the text 'WORLD PROBLEMS'. The right side shows a view of Earth from space, with the city of Chicago on the horizon, a satellite in orbit, a small boat in the ocean, and a large stadium in the foreground. The background is a dark blue space with stars and a nebula.

ENERGY

WATER

POLLUTION

Crystal Lagoons

HEAT
VENTILATION
AND AIR
CONDITIONING



Crystal Lagoons

SAN ISIDRO
COOLING
LAGOON



Crystal Lagoons

GREEN FAST
TRACK

GREEN
FAST
TRACK

1
1,500



GREEN APPLE AWARD 2016

Crystal Lagoons
Sustainable Cooling Technology

Crystal Lagoons

INDUSTRIAL
APPLICATIONS

COMBINATION OF PUBLIC AND INDUSTRIAL LAGOONS



First desalination plant with no energy



Fraunhofer – Crystal Lagoons Alliance



INNOVATION OF THE YEAR

Gold Stevie® Award
“Oscar for Business”

Crystal Lagoons
Desalination with no energy



INNOVATOR OF THE YEAR

Gold Stevie® Award
“Oscar for Business”

Fernando Fischmann
Founder & Chairman
Crystal Lagoons

Crystal Lagoons

THE
FUTURE

CRYSTAL LAGOONS CITY



MAN MADE CRYSTAL LAGOONS OF UNLIMITED SIZE

Crystal Lagoons®

WORLD'S TOP AMENITY

AMSTERDAM • BANGKOK • BARCELONA • BEIJING • CAPE TOWN • DUBAI
ISTANBUL • LOS ANGELES • MEXICO CITY • MIAMI • SANTIAGO • SAO PAULO • SYDNEY

www.crystal-lagoons.com