Asia-Pacific
Economic Cooperation

2011/SOM2/CTI/SEM/012

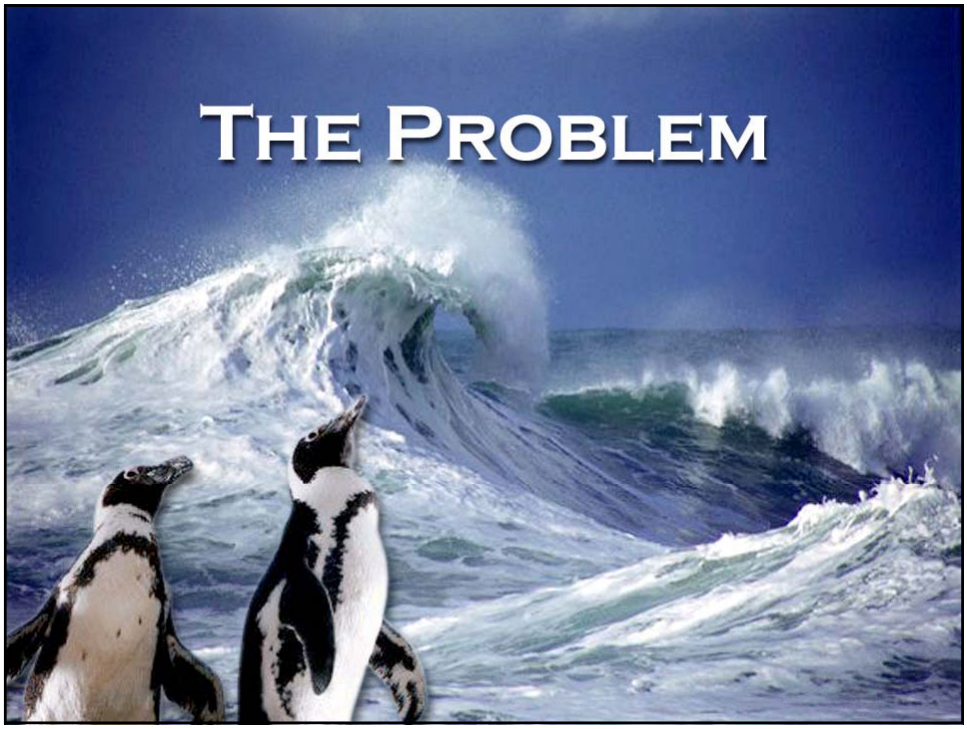
Way Forward – Crystal Lagoons

Submitted by: Crystal Lagoons

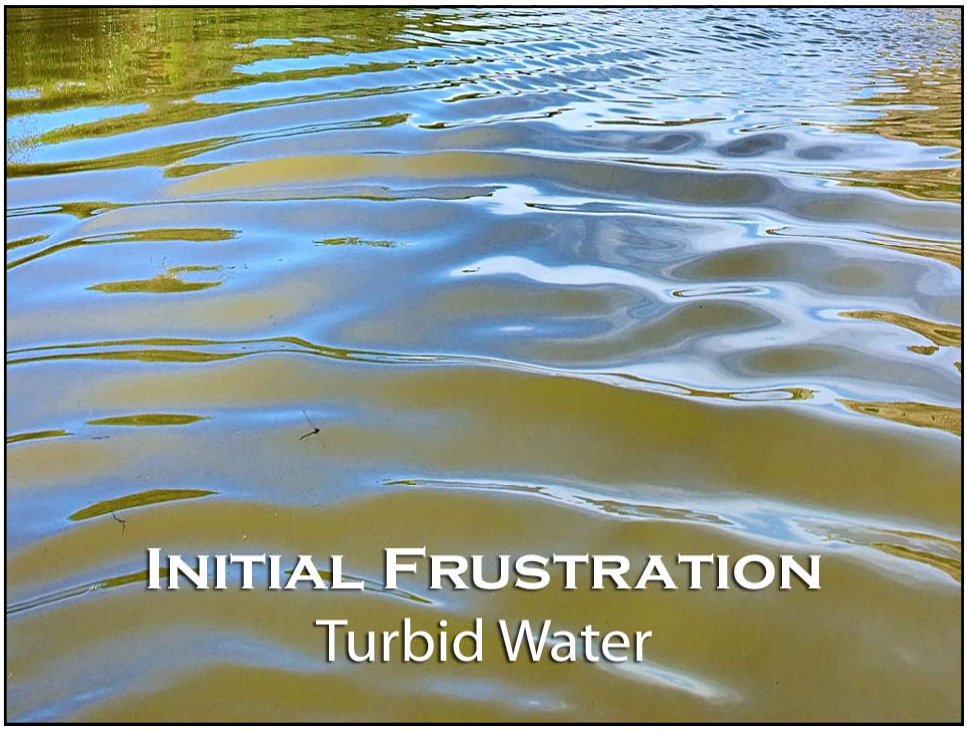
APEC USA 2011

Seminar on Dissemination of Environmental Technologies
Big Sky, United States
11 May 2011

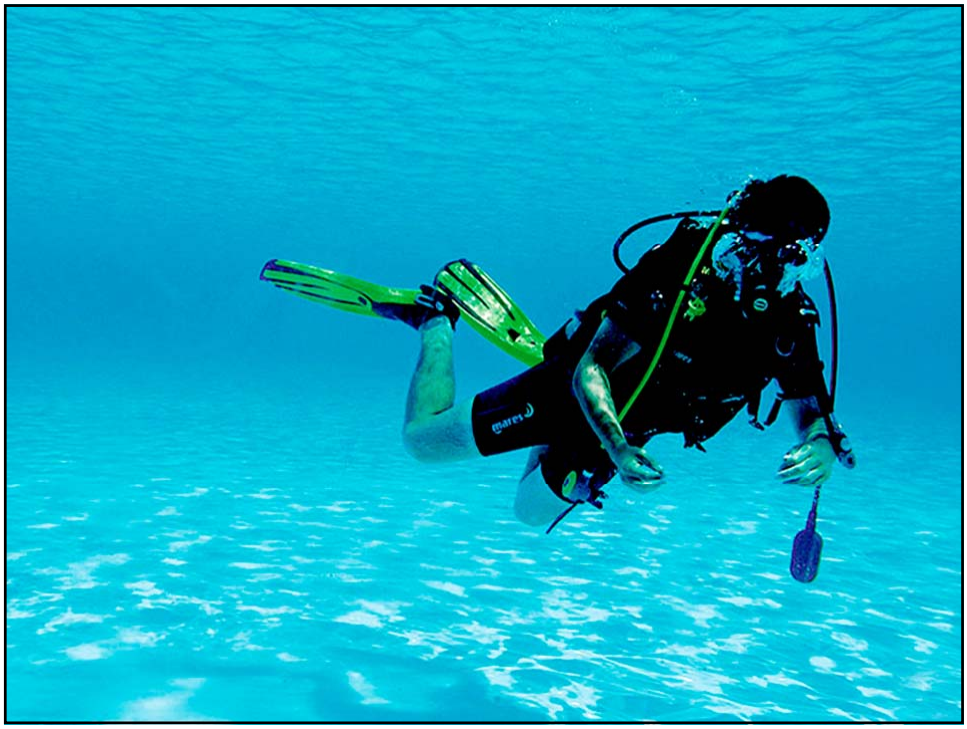
Crystal Lagoons®


THE PROBLEM

THE DREAM

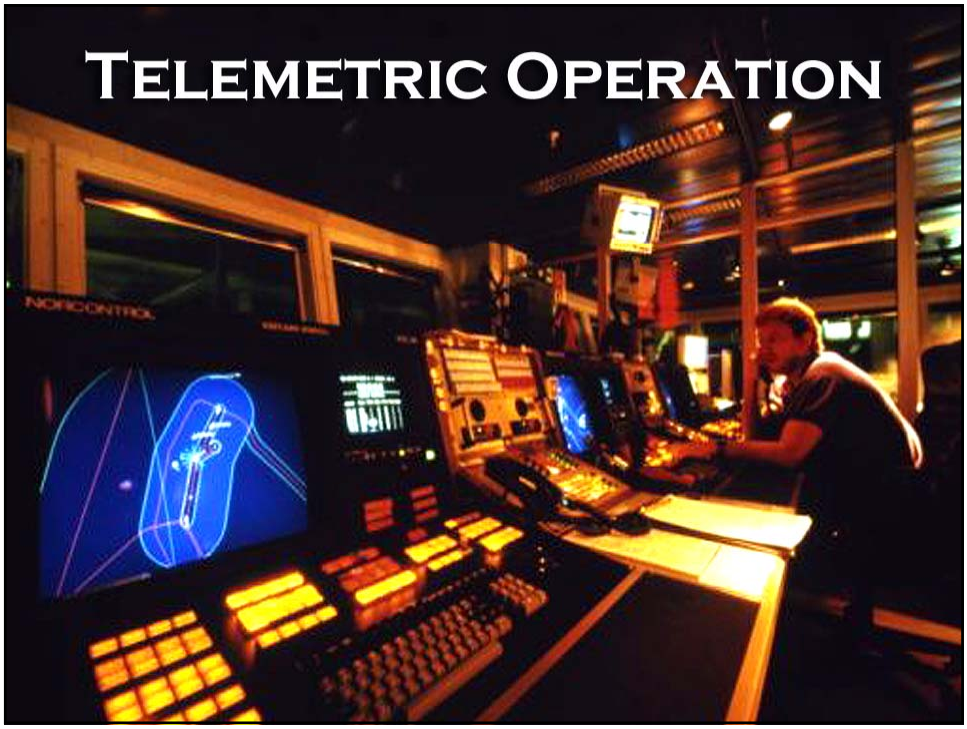

Initial Frustration
Turbid Water

SAN ALFONSO DEL MAR
SAN ALFONSO DEL MAR TODAY



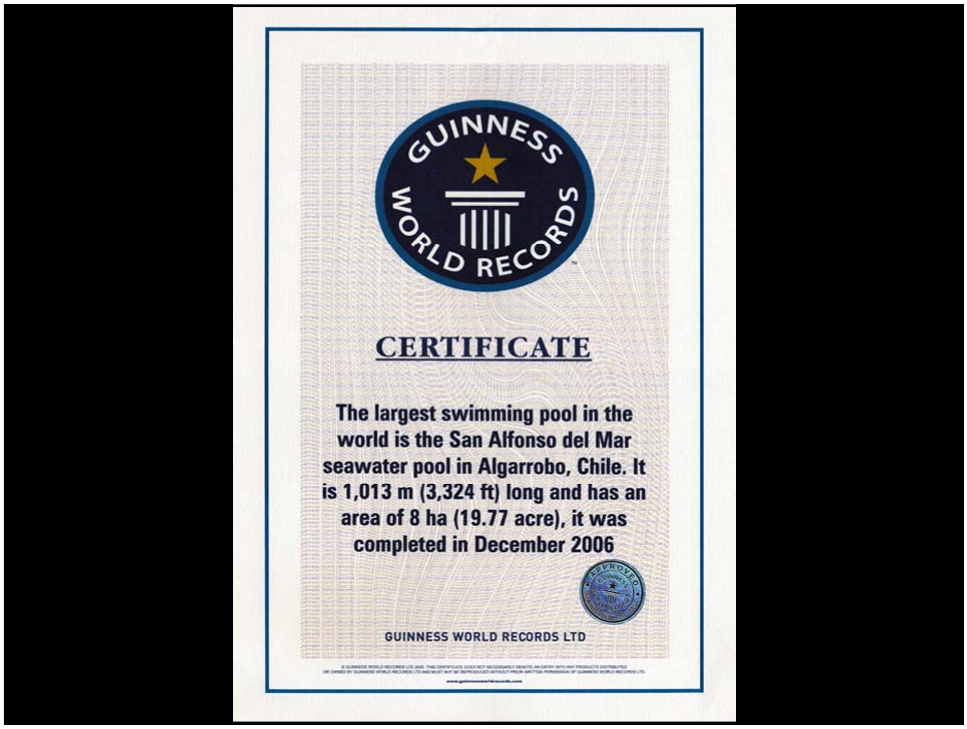
Algarrobo - Chile

SUSTAINABLE TECHNOLOGY
UNESCO
United Nations
Educational, Scientific and
Cultural Organization
Chile
green
certification
Desinfection Pulses
(100 times less chemical usage)
Low Cost Filtration
(50 times less energy consumption)
Low Water
Consumption
Specially Designed
Equipment and
Products


TELEMETRIC OPERATION

PATENTED IN
160 COUNTRIES

IDYLLIC BEACH LIFE ANYWHERE
Crystal Lagoons


GUINNESS WORLD RECORDS
CERTIFICATE
The largest swimming pool in the world is the San Alfonso del Mar seawater pool in Algarrobo, Chile. It is 1,013 m (3,324 ft) long and has an area of 8 ha (19.77 acre), it was completed in December 2006
GUINNESS WORLD RECORDS LTD

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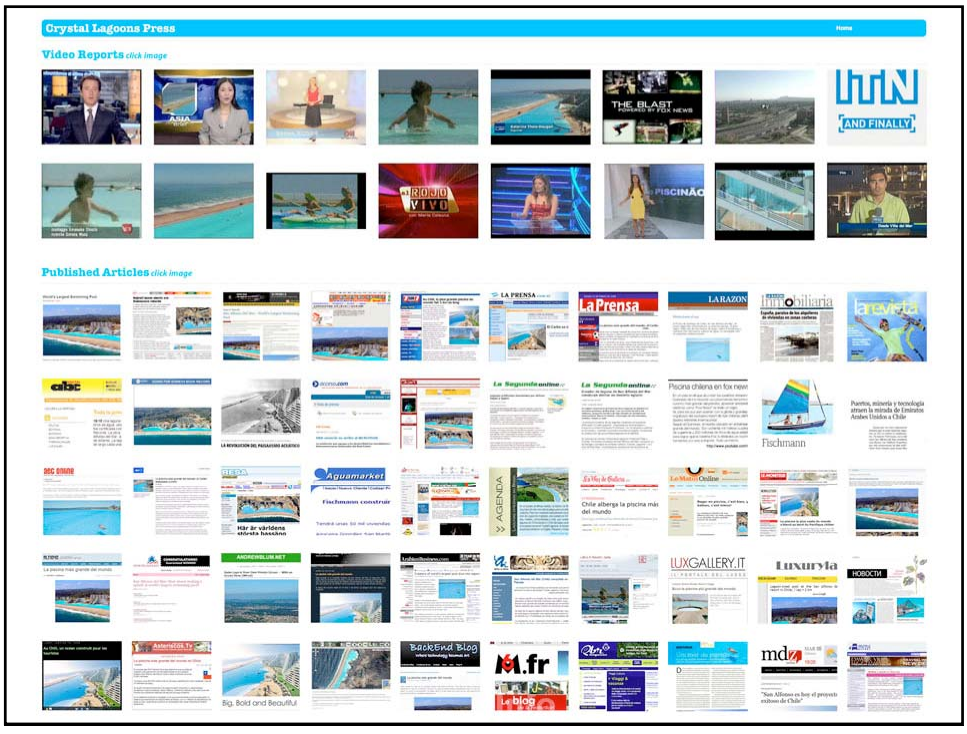
LANACION
Un paraíso artificial en la costa chilena
NATIONAL GEOGRAPHIC
TELEMUNDO
LA PISCINA MAS GRANDE
ASIA Brief
REUTERS
CORRIERE DELLA SERA.it
¡HOLA!
La piscina más grand
Está en el 'resort' San Alfonso del Mar
del 'Libro Guiness de los Records'
CNN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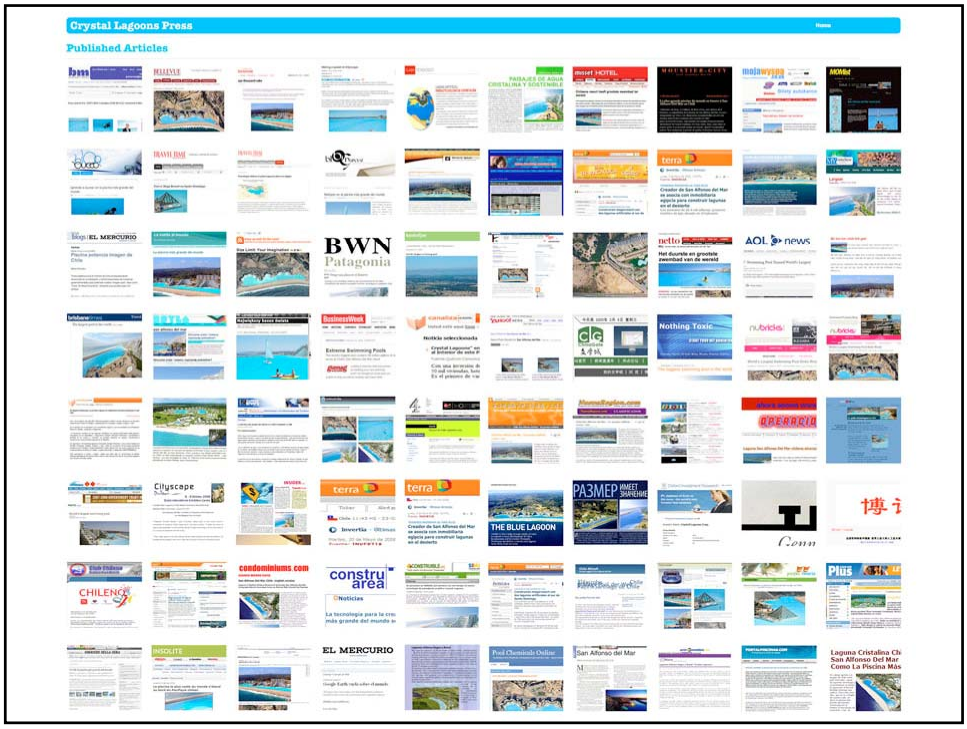
Video Reports click image
AND FINALLY
Published Articles click image
La Prensa
LA RAZON
Fischmann
Aquamarket
Chile alberga la piscina más del mundo
LUXGALLERY.IT
Luxuria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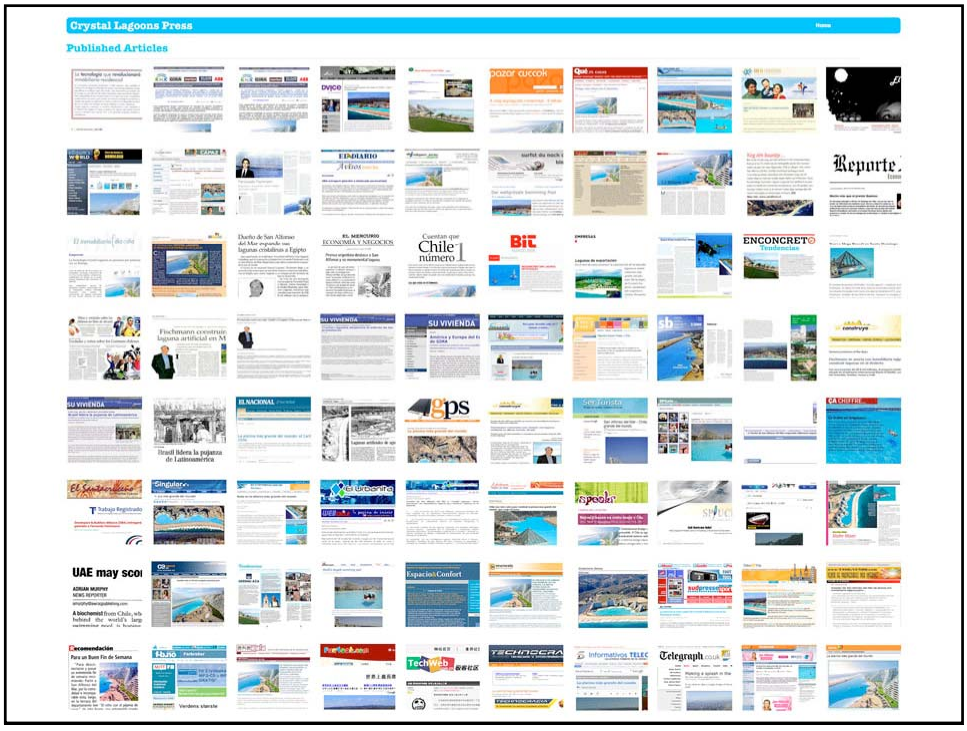
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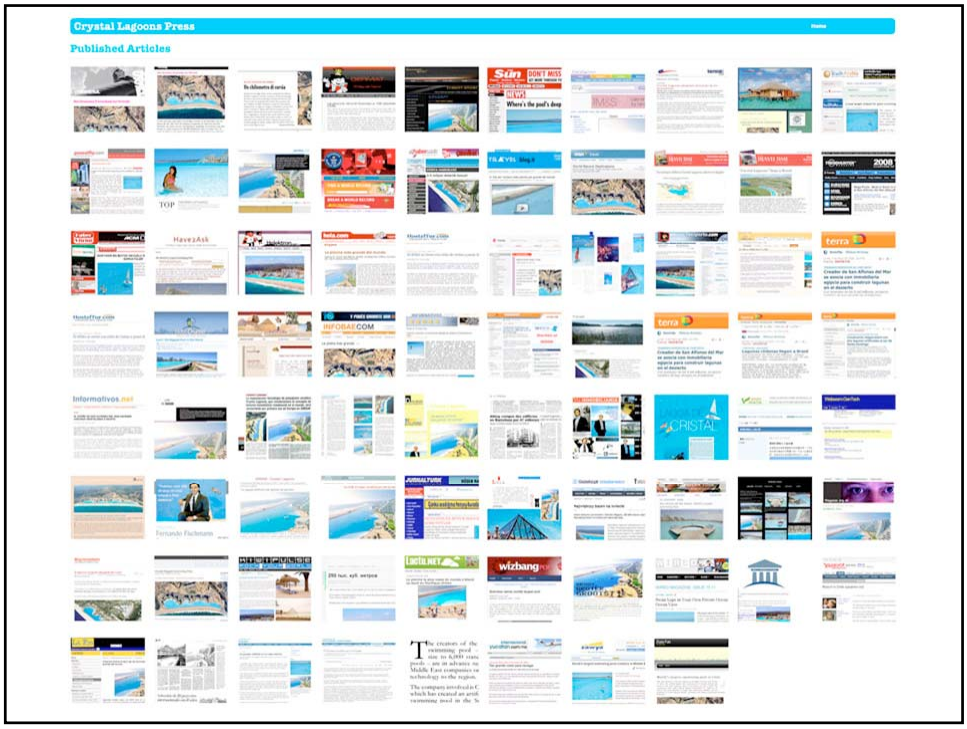
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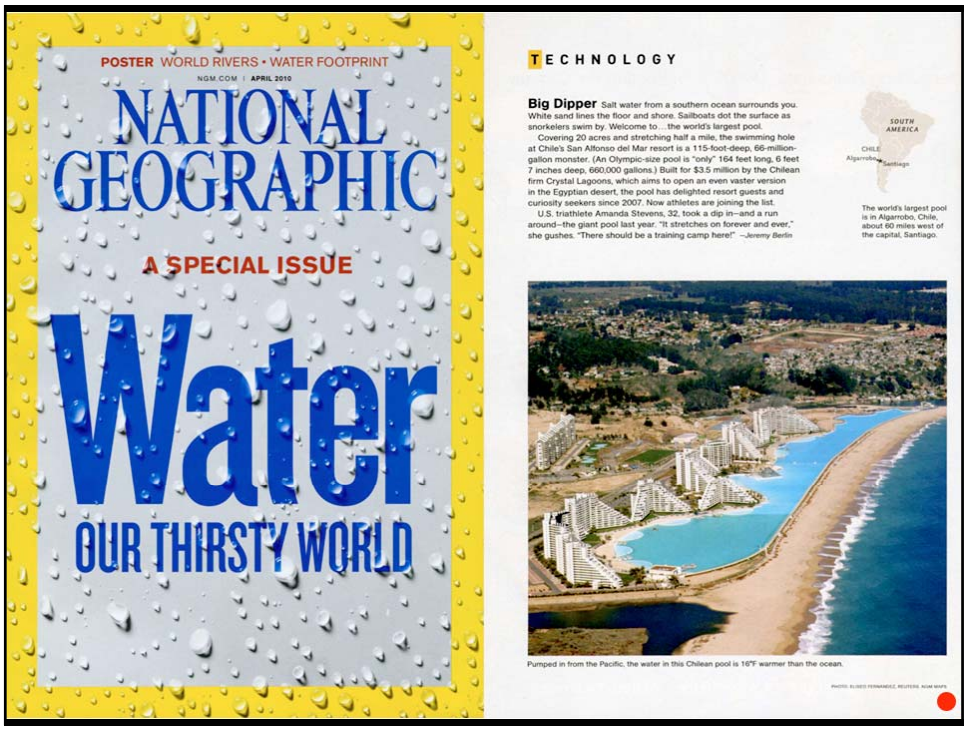
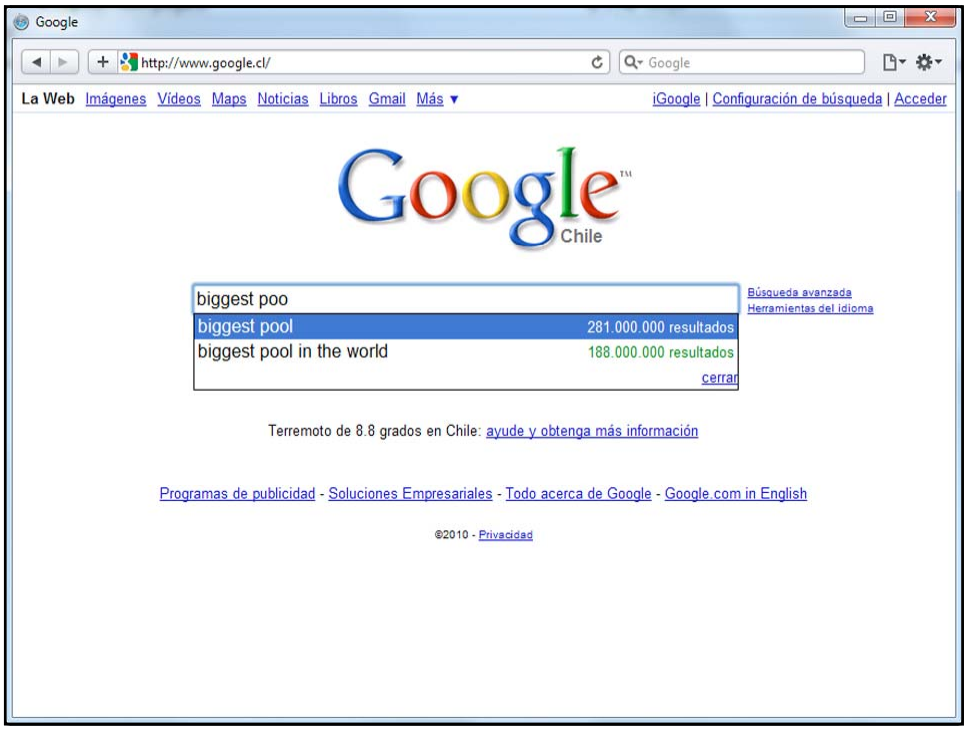
Published Articles


POSTER WORLD RIVERS • WATER FOOTPRINT
NGM.COM | APRIL 2010
NATIONAL GEOGRAPHIC
A SPECIAL ISSUE
Water
OUR THIRSTY WORLD
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
SOUTH AMERICA
CHILE
Algarrobo
Santiago
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.


Google
http://www.google.cl/
Google
La Web Imágenes Vídeos Maps Noticias Libros Gmail Más ▼
iGoogle | Configuración de búsqueda | Acceder
Google
Chile
biggest poo
biggest pool 281.000.000 resultados
biggest pool in the world 188.000.000 resultados
cerrar
Búsqueda avanzada
Herramientas del idioma
Terremoto de 8.8 grados en Chile: ayude y obtenga más información
Programas de publicidad - Soluciones Empresariales - Todo acerca de Google - Google.com in English
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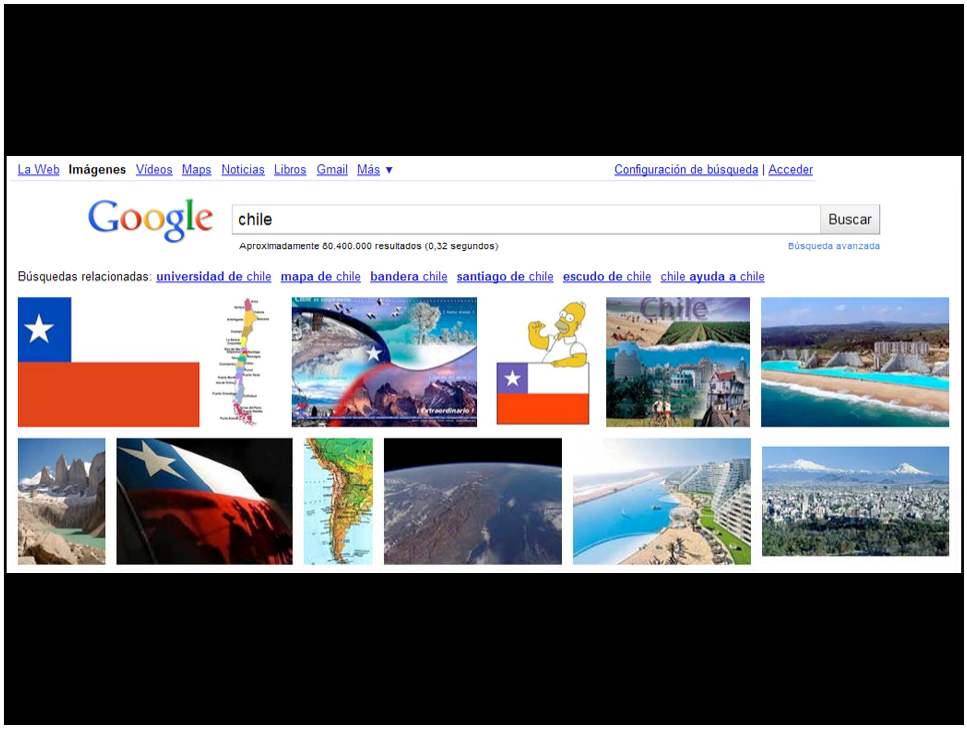
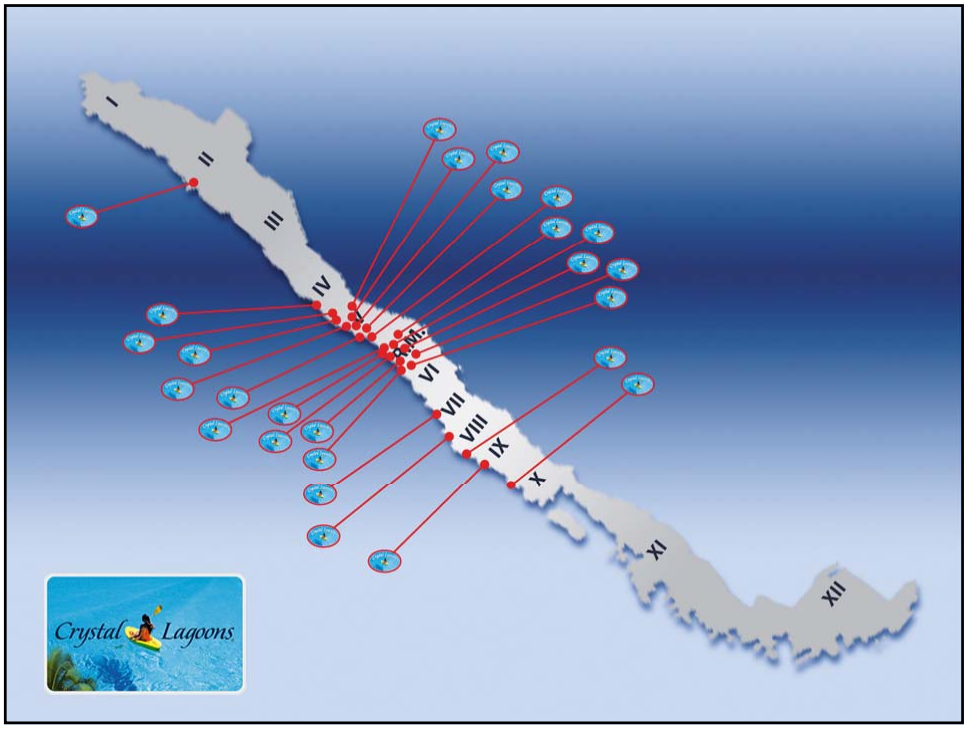

La Web Imágenes Vídeos Maps Noticias Libros Gmail Más ▾
Configuración de búsqueda | Acceder
Google
chile
Buscar
Aproximadamente 80.400.000 resultados (0,32 segundos)
Búsqueda avanzada
Búsquedas relacionadas: universidad de chile mapa de chile bandera chile santiago de chile escudo de chile chile ayuda a chile
Chile

CRYSTAL LAGOONS
BUSINESS MODEL


I
II
III
IV
V
VI
VII
VIII
IX
X
XI
XII
Crystal Lagoons

Algarrobo - Chile

Santo Domingo - Chile

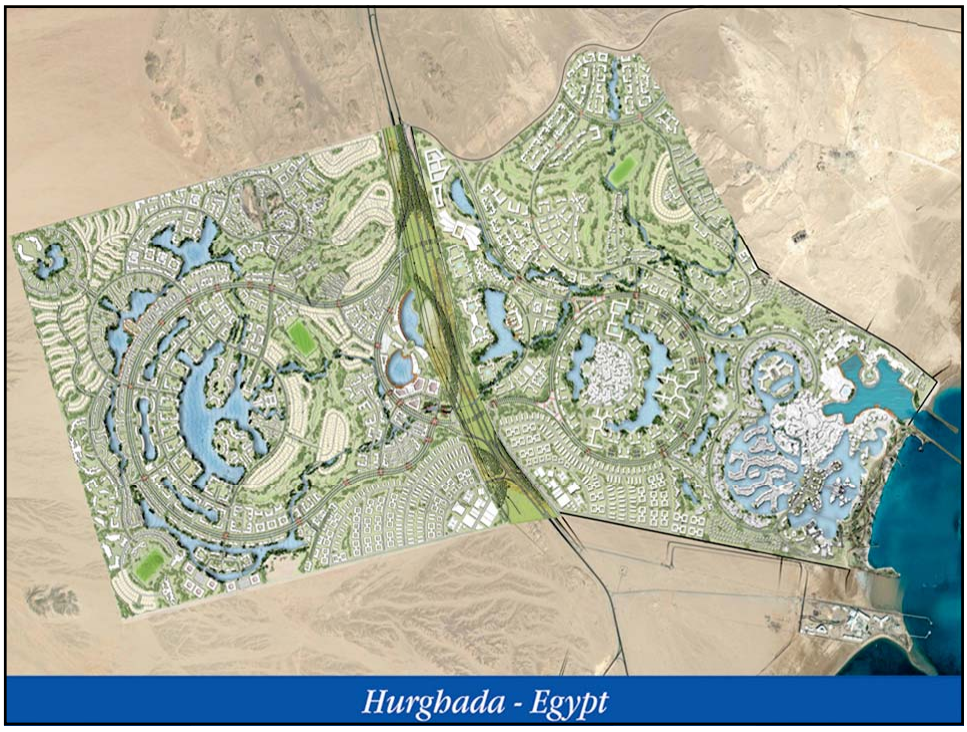
Concepcion - Chile

La Serena - Chile

Crystal Lagoons

NEW CONCEPT AND TECHNOLOGY
Crystal Lagoons
CRYSTALLINE LAGOONS OF PREVIOUSLY UNIMAGINED DIMENSIONS

Sharm El Sheikh - Egypt


Hurghada - Egypt

Coronado - Panama

Dubai

Dead Sea - Jordan

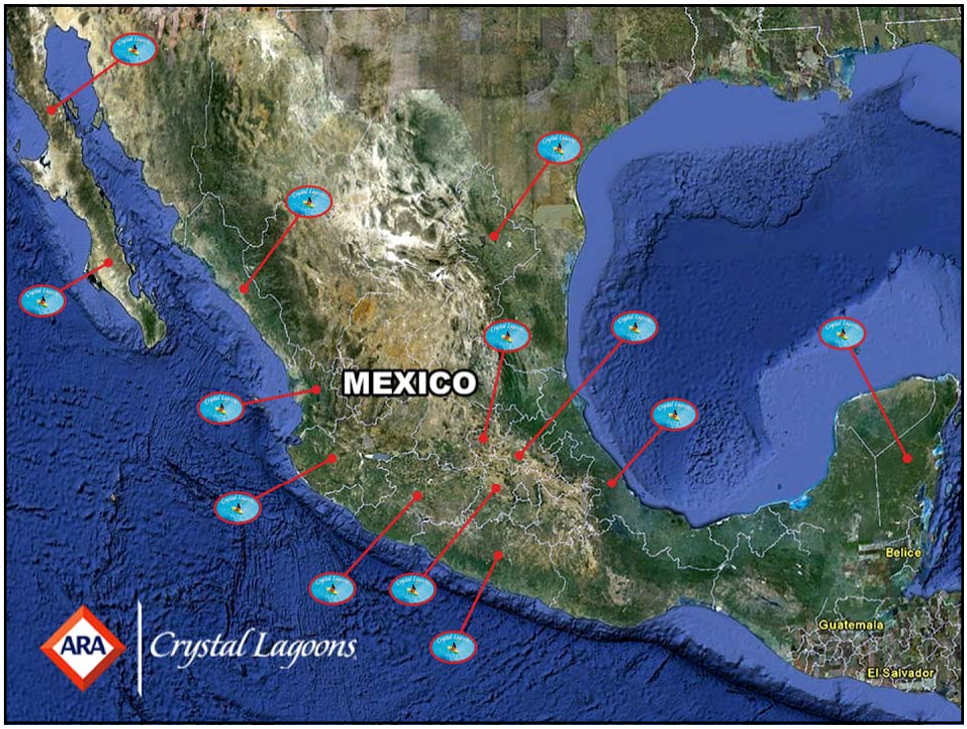
Dead Sea - Jordan

Asia - Peru

Tianjin - China

URBAN BEACHES
A New Lifestyle

UBS


MEXICO
Belice
Guatemala
El Salvador
ARA
Crystal Lagoons

Veracruz - Mexico

FUTURO ENLACE AUTOPISTA DEL SOL
A CUESTA BARRIGA
A SANTIAGO
AUTOPISTA DEL SOL
A SAN ANTONIO
CAMINO A VALDIVIA DE LO
GALLE SAN IGNACIO
CASA DE RETIRO DE LOS JESUITAS
Santiago - Chile

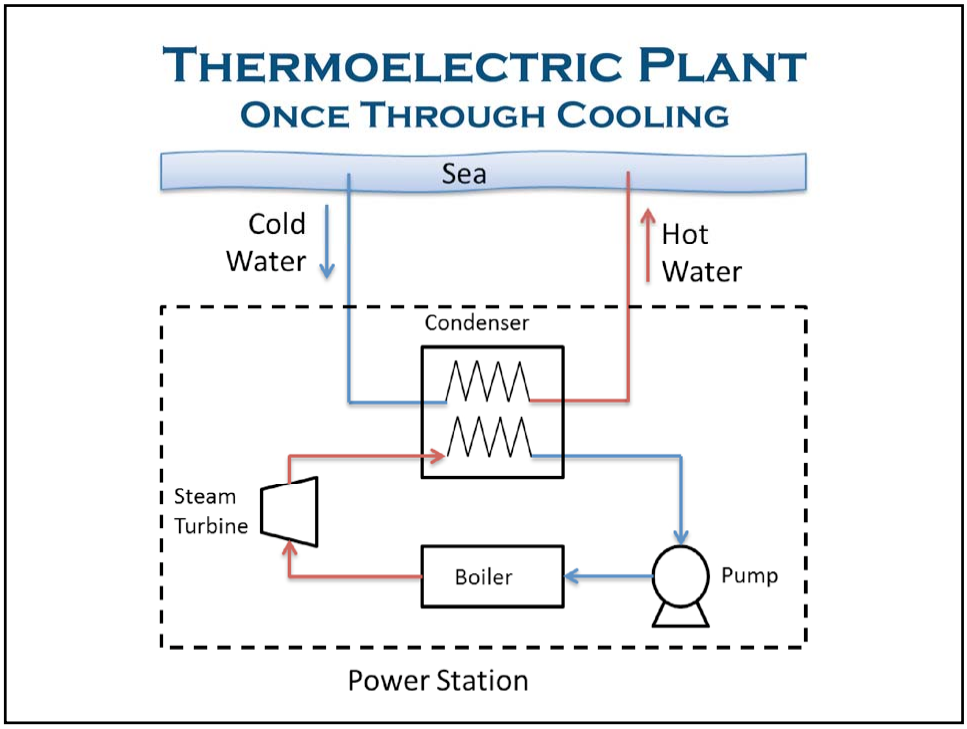
URBAN PUBLIC BEACHES

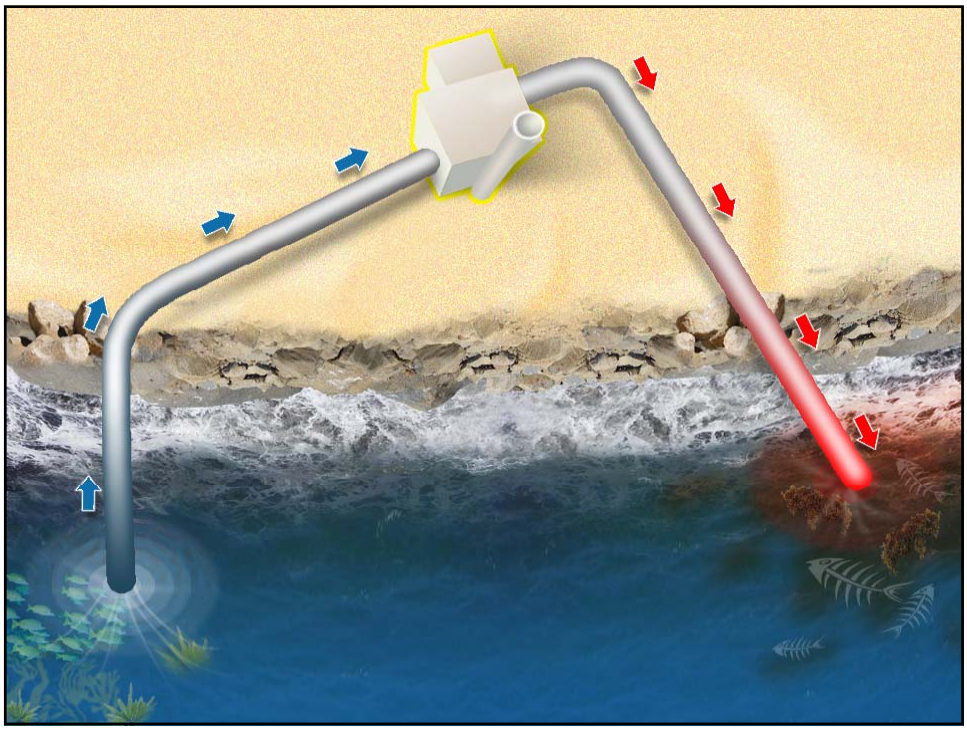
Guayaquil - Ecuador

Sentosa Island - Singapore

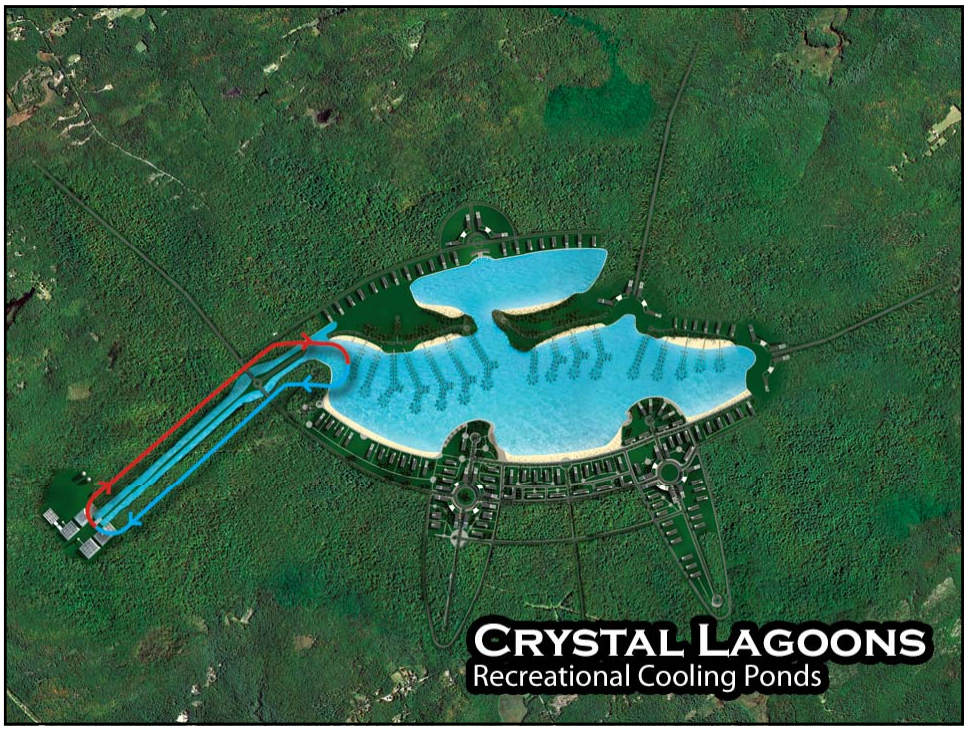
FAST GROWTH

Crystal Lagoons in USA


THERMOELECTRIC PLANT
ONCE THROUGH COOLING
Sea
Cold Water
Hot Water
Condenser
Steam Turbine
Boiler
Pump
Power Station



Crystal Lagoons®
COOLING PONDS
San Diego

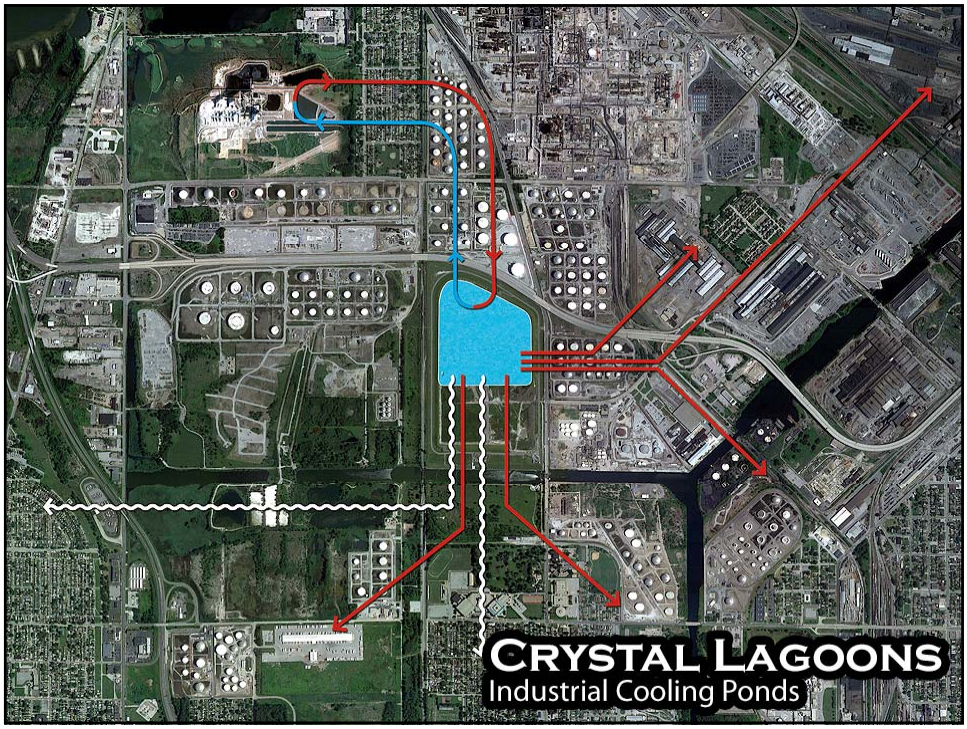

CRYSTAL LAGOONS
Recreational Cooling Ponds

Chicago

Los Angeles

New York

Boston


CRYSTAL LAGOONS
Industrial Cooling Ponds

IMPORTANCE FOR THE PLANET

Water Use

Marine Environment

Bloomberg Businessweek

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

Innovator

High-Tech Pools

Chilean real estate developer Fernando Fischmann says his advanced water filtration system can make power plants safer and cheaper

pump through a typical large power facility every day. About 40 percent of the electricity generated in the U.S. comes from plants that draw from nearby lakes, rivers, or oceans—and spit heated water back, which disrupts aquatic life near the outflow pipes. That's one reason plants can be so ecologically damaging, even without a Fukushima-scale disaster. The water going into a plant also must be clean to avoid fouling its equipment.

Fischmann's filtration system uses ultrasound to agglomerate waste particles, simplifying their removal. A computerized injector tracks algae and bacteria growth and squirts chemicals whenever it detects buildup. "You have the same quality of water as a swimming pool with 100 times less chemicals," Fischmann says. Some plants have used massive cooling ponds for decades; Fischmann says his system will reduce the size required, which means they'd be

43

Bloomberg Businessweek

April 14, 2011

Small Business

Obama Signs Law Eliminating 1099 Tax Rule

The repealed provision, under which companies would have had to report more transactions to the IRS, was scheduled to take effect in 2012

Archive: Health-Care Bill Surprise

Fed's Duke Says Small-Business Optimism Grows on Easing Credit

Fernando Fischmann's Power-Enabling Pools

The Crystal Lagoons honcho wants to build pools with advanced water filtration systems that will make power plants safer and cheaper

America's Most Promising Startups Slideshow