

Environmentally Friendly Technology



Bureau Veritas, an internationally renowned inspection and organization, externally verified our technology's efficient water and energy use compared to traditional swimming pools and other amenities.



BUREAU
VERITAS

Shaping a World of Trust

A 1 ha / 2.5 ac lagoon uses up to:



50X LESS ENERGY than a swimming pool the same size.



40% LESS WATER than a park the same size.



33X LESS WATER than an 18-hole golf course.

Efficient Use of Water & Energy



Lagoons powered by Crystal Lagoons® technology can use **any type of water**, including seawater and brackish water, which is abundant and has little to no alternative use.



Lagoons are filled **only once** and operate in a closed circuit.



They only need water to compensate for evaporation, which **can be reduced up to 50%** with our exclusive molecular film technology and rainwater accumulation.



Crystalline lagoons have a far more intensive recreational use than green areas, golf courses, and surf parks, constituting a **more efficient use per acre of space and gallon of water**.



They require **100 times fewer chemicals** than traditional swimming pools.

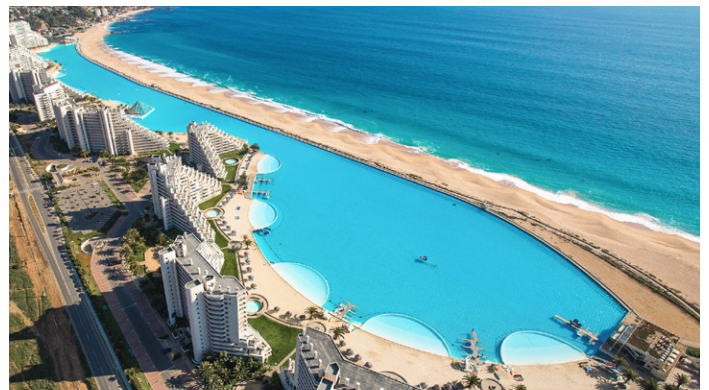
Sustainable Technology



By bringing beach life, water sports, and entertainment close to home, PAL™ projects reduce car and plane travel to coastal destinations, **reducing CO2 emissions** by millions of tons. For this contribution, Crystal Lagoons was recently recognized as the **“Champion of Champions” in the 2022 edition of the “Green World Awards.”**



50% of the world’s beaches could disappear by the end of the century. Public Access Lagoons™ developments **lower human impact on biodiversity** by decreasing the number of visitors to natural beaches and coastal areas.



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ENABLING 100+ LAGOON PROJECTS IN INDIA



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