

The background image is an aerial photograph of a modern residential complex. It features several large, rectangular swimming pools of different sizes, some with blue tiles and others with light-colored pebbles. The complex includes numerous white apartment buildings with blue roofs, green landscaping, and paved walkways. The overall scene is a mix of urban architecture and recreational facilities.

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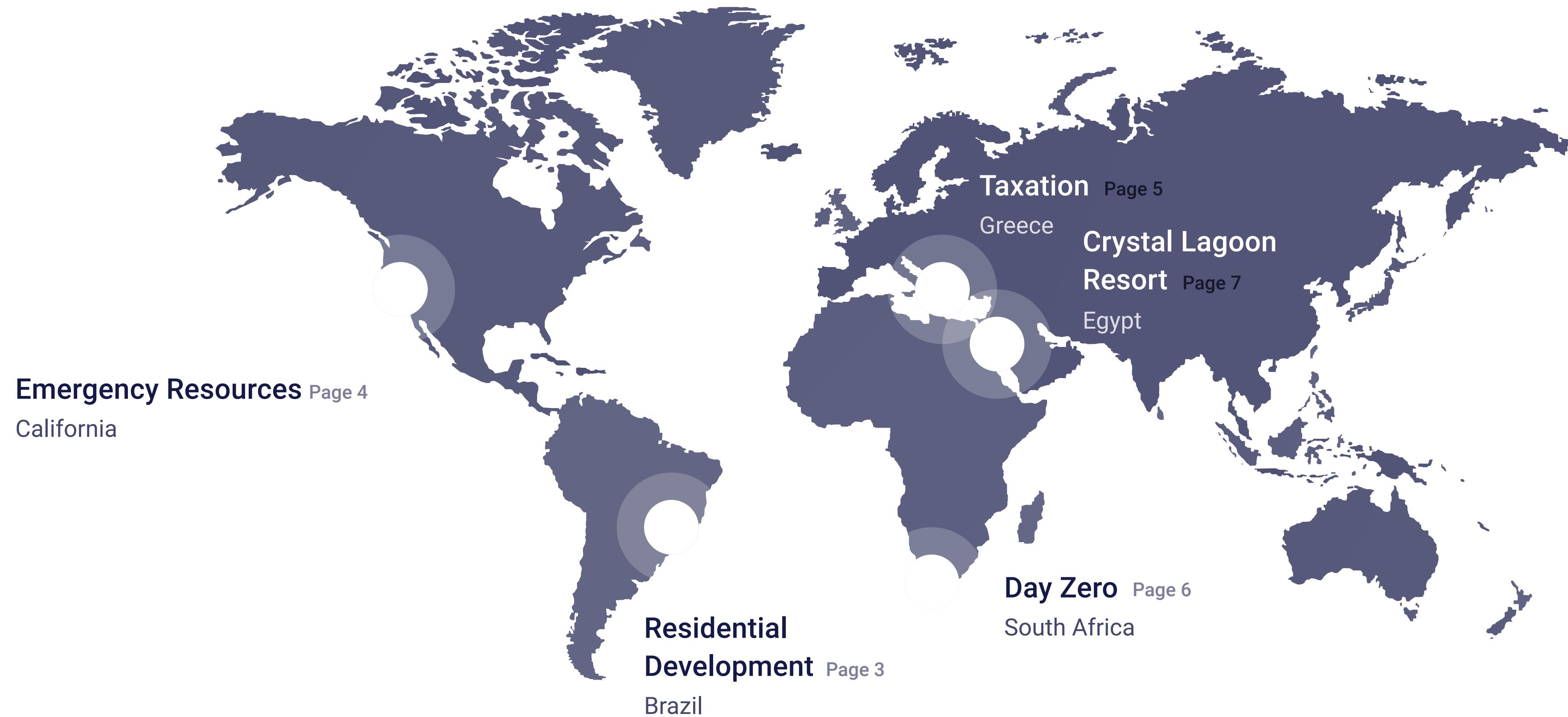
# How Monitoring Swimming Pools via Satellites Helps Solve Client Questions

There are a number of interesting uses for SpaceKnow's swimming pool monitoring capability using satellite imagery. While SpaceKnow does complete indexing of the global economy via its advanced AI processing of satellite data, the seemingly obtuse observations of swimming pools thru time illustrates how earth observation has many client uses.

By simply observing pools, SpaceKnow creates data that helps measure aspects of economic growth of a specified region, the progress of housing development, maintenance of tax compliance, and observe water supply resources.

SpaceKnow analytics specifically counts the number of pools in any region on the planet using advance AI tools. The process allows the computers to highlight them within an hour of completing the analysis. Combining past satellite imagery analysis with the latest image, SpaceKnow can present analysis of changes over time.

# Content



# Rising Economic Stability

📍 Alphaville, São Paulo

Brazil

From these two images one can view the increase of pools in the small region of Alphaville, one of the wealthiest suburbs in Brazil.

From satellite imagery one can see a surging economy and residential progress which reflects a luxurious lifestyle promoted in this area of Brazil.

The number of pools recorded through the analysis represents 2012 with a little below 50 pools in the area, yet by the end of 2017 the number of pools is almost at 150.

From these numbers one can see economic stability in the area and a residential lifestyle from data.

Satellite imagery is able to produce a visual representation of growth in the prestigious area as well as economic stability. Other options for the SpaceKnow analytics platform are using the analytics as a numerical percentage, statistics, or aggregated data.





# Water Resources Directly Affect Pools in California

📍 Sonoma County, California  
US

Pools are linked to excessive water supplies, rainfall, chlorine and other chemicals supplies, in addition, economic growth due to jobs related to pool construction and maintenance also applies.

When there are cases of lack of water such as in Cape Town, pools dry up. City councils may use pool information as an understanding of water resources in a county.

Economic stability in a region by either developing residential areas with the luxury of pools, or the reverse which is the decline of residential areas and lack of leisure pools can be seen by water resources. Pools can also indicate environmental factors such as global warming or global climate change.

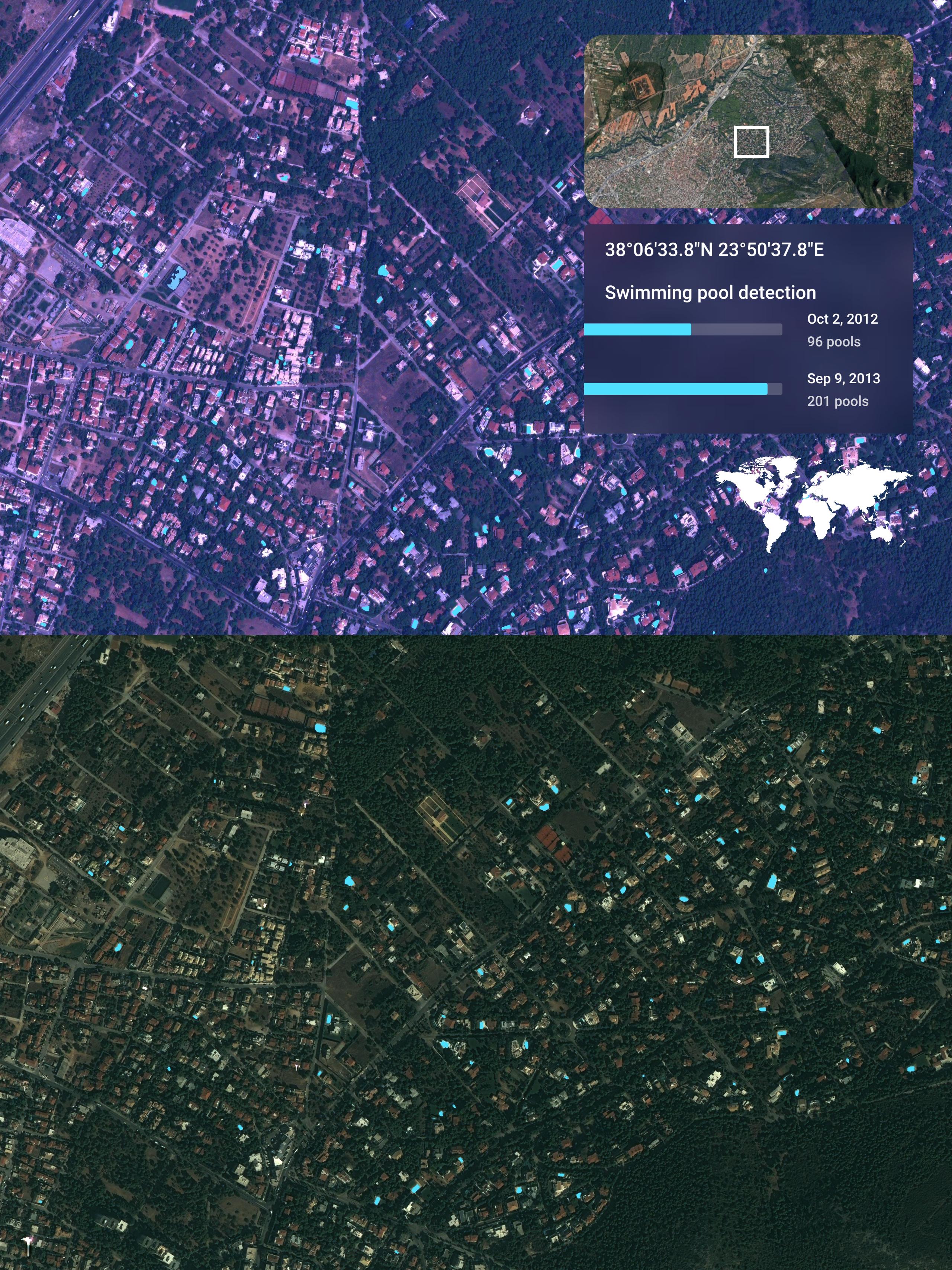
# Identify who owns you pool taxes

📍 Ekali

Greece

In 2008 authorities in Greece discovered that members of wealthy suburban areas such as Ekali, Greece, where homes range in the millions, were avoiding paying their pool taxes.

Mr. Plaskovitis, a member of the General Council Bank Bank of Greece, spoke of the crisis saying that the Greek government will use satellite imagery to see houses where there were pools for and evading taxation. Tax evaders would be seen from above.





## Are Wealthy Citizens Affected by Water Crisis?

📍 Day Zero Camps Bay  
Cape Town, South Africa

Day Zero involves a looming date in the future where a complete shutdown of water sources in Cape Town will occur.

To prevent this residents are limited to the water supply as the government issues a 50 liters of water per day restriction. Hospitals are even cutting back on their water supply by using waterless hand sanitizers. Faucets, toilets and public swimming pools are controlled in order to conserve as much water as possible.

However one can see from satellite imagery that there has been no decrease in the wealthy suburbs of Camps Bay.

# An Oasis in the Desert

📍 Nabq, South Sinai  
Egypt

In 2015 it won the Guinness World Records as the largest man-made crystalline lagoons, it is 27 times that of the size of a football field and contains 250,000,000 litres of Pacific Ocean water. It's the largest in North Africa, located in Harm El Sheikh, Egypt, a region of the world where water is incredibly valuable and people walk miles for a glass of water. The investment was over \$5 billion from Golden Pyramids Plaza S.A.E.

28°01'39.3"N 34°23'36.9"E



Crystal Lagoon uses one of their most economically friendly patented technologies in a region of agricultural desperation.

They monitor the Lagoon by Crystal Lagoons Control Center (CLCC) via internet. Crystal Lagoons is a global company with a large technological team analyzing pools in several countries, they control giant man made bodies of water via internet.

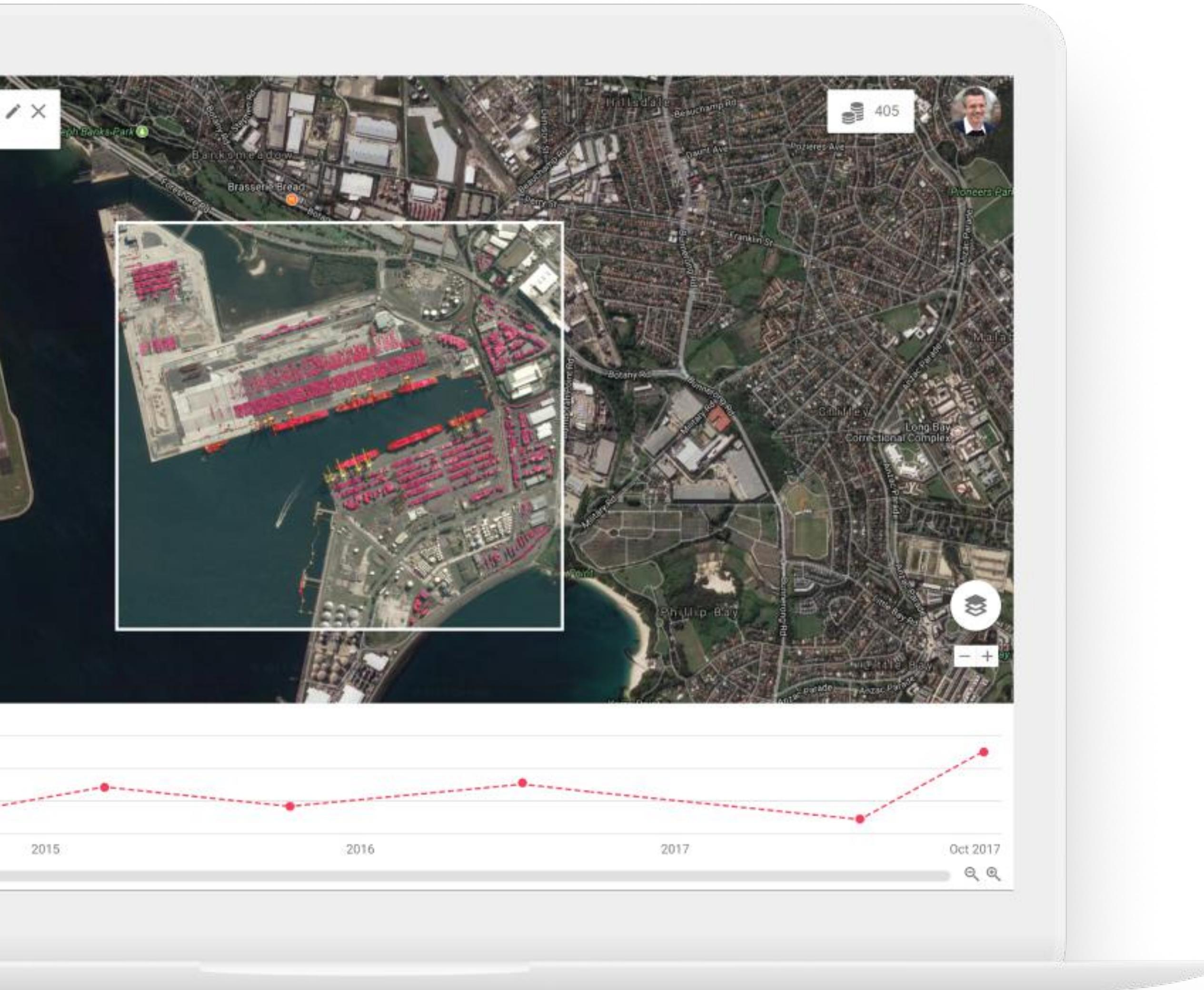


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## Swimming Pools Reflect a Fundamental Principle: Economic Growth

When economies are growing: housing, real estate, and a luxurious lifestyles are reflected in regions abounding with pools. Government authorities can be aware and understand where a city's water resources are being distributed via satellite imagery. Environmentalists might also consider the lack of pools in a region to reflect global warming rather than purely economical reasons.



## See Our Platform in Action

Try our real-time, on-demand analytics for yourself with our free trial of Brisbane, Australia, at [analytics.spaceknow.com](http://analytics.spaceknow.com).

# SPACEKNOW

## We're on a Mission to Index the Physical World

SpaceKnow empowers decision-makers with ultra large-scale planetary analysis. Our secret? A proprietary, AI-powered analytics engine, combined with the world's most comprehensive collection of earth observation imagery.

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