
SMARTCITYCLIMA

The city, the Weather and You.

POWERED BY
BERECOLABS



Requiere: Android 4.0 o superior / IOS

Precio: Gratuito

Google Play and App Store

What is Smart City Clima?

The weather is one of the most complex systems to predict, yet is one of the more relevant and has the a great impact on our daily lives. How often have we changed plans because due to the weather?

How many times have we run some form of risk or have suffered some injury or economic loss because of its impacts?

Smart City Clima is a mobile application (APP) which seeks to establish a smart link between the city where you live, the weather in your region and your own needs and characteristics. To do so Smart City Clima takes information from these three axes, it processes it, making it easier for you to take smarter decisions, for example by sending personalized messages when you're at risk due to the potential occurrence of an extreme event. This allows you to anticipate the phenomenon, adapt and become resilient, protecting yourself and reducing its impact on your environment.

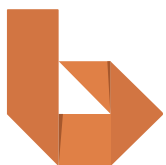
To give you this service, Smart City Clima bases its analysis on methodologies which are based on Machine Learning and Big Data. In other words, it collects and analyzes large volumes of data, both historical and real-time series, and incorporates information provided by users, ie crowd-sourcing. With all this data, Smart City Clima processes it by means of diverse algorithms based on Artificial Intelligence, which are permanently updated and calibrated against reality, allowing them to learn from the past and generate better forecasts for the future.

Meanwhile, Smart City Clima records and compares forecasts, generated by the algorithms and retrieved from third parties, and tests them against actual weather records. This way you will always be viewing the best prognosis, according to the hit rate of past events, depending on your location.

Smart City Clima will become operational, firstly for the City of Buenos Aires, where it is focused on the main extreme events that affect city: **floods, heat waves, polar waves and hail.**

However, it is contemplated to extend the approach and take it to other cities, especially the most vulnerable.

In anticipation to the development process we are collecting meteorological information of more than 240 cities worldwide with the aim of using it in the various projected case studies.





Why Smart City Clima is different from other products?

Some of the features that make Smart City Clima a unique, valuable and innovative APP are:

Custom messages: We are the only ones that predict how events will impact on the city, and even how they will affect you according to your personal characteristics. By registering, and complete your profile, you will receive customized alert messages for different events such as floods, heat waves, polar waves and hail, depending where you are, who you are and what you want to protect.

The best prognosis: We permanently show the best prognosis according to your location. For this, we use models based on Artificial Intelligence to improve external forecasts.

Ranking of forecasts: Smart City Clima has a higher spatial resolution, allowing you to have an accurate prognosis based on your location.

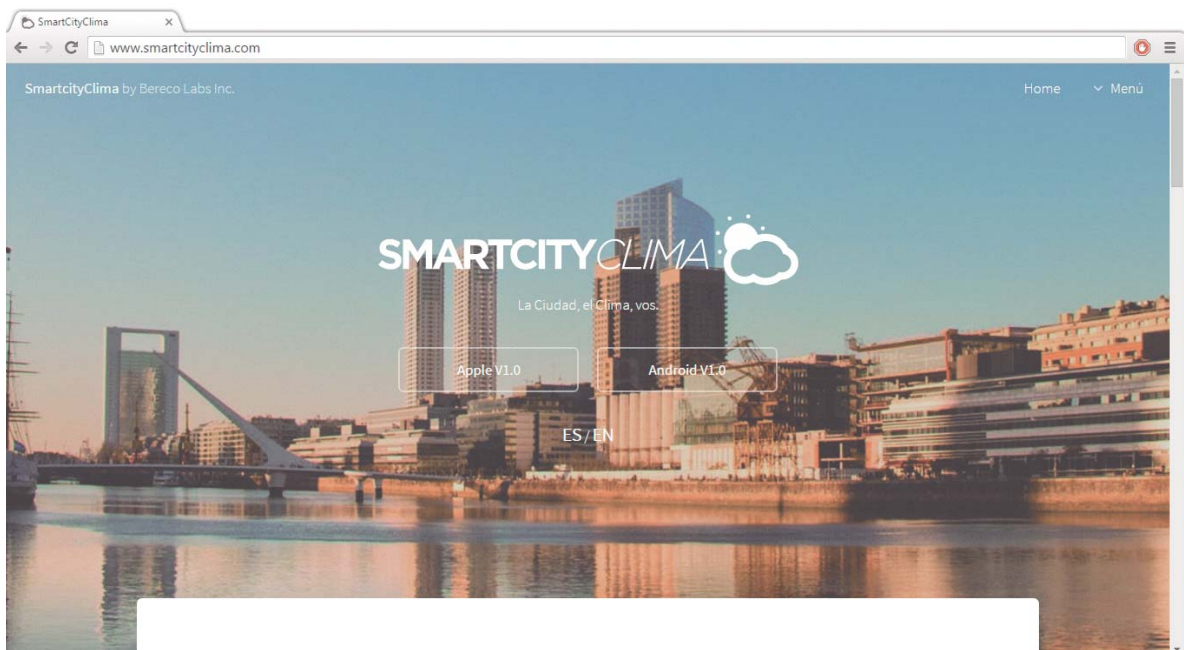
Risk maps: Know which city areas are most likely to be affected by storms thanks to the flood risk maps.

Meteorological history of your city: Discover the extreme events that affect your city, and how they were presented in recent years.

Emergency: Assistance at your fingertips in the event of a weather emergency.

Who developed Smart City Clima?

Smart City Clima is a product developed by Bereco Labs Inc., spin off the Bereco SA oriented to R + D + i, and who has the rights and copyright of the product. Bereco Labs benefits of the applied research, proof of concept or innovative analysis..





the city, the weather and you.

What are the main screens Smart City Clima?

Smart City Clima: The climate, the city and you.

Weather warnings: We are the only ones that predict how extreme events such as storms and high temperatures will impact in the city. Sign up to receive customized messages according to your vulnerability profile and location in the city.

The best prognosis: The best prognosis at your fingertips. We use Artificial Intelligence tools to improve forecasts of others, we developed a ranking and show you the most accurate.

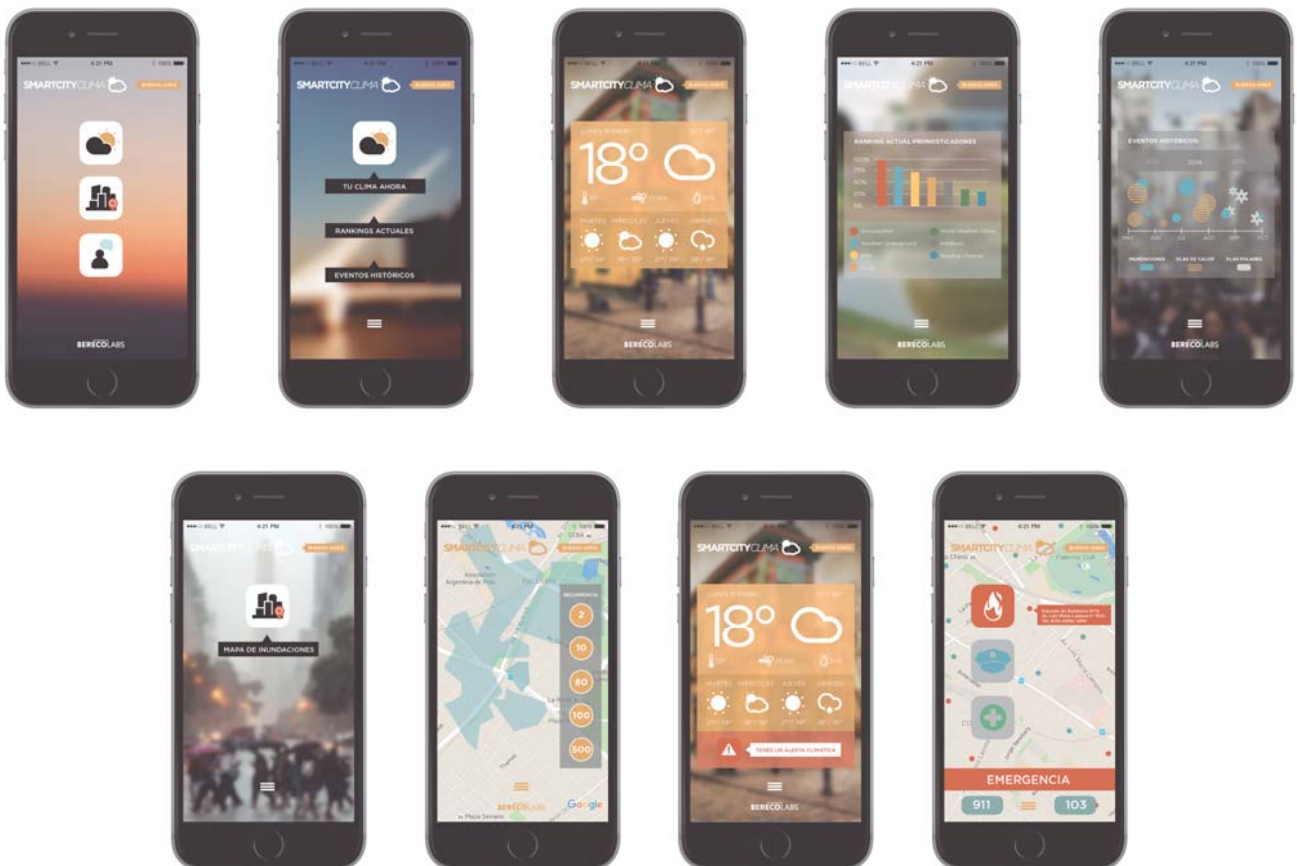
Ranking of forecasts: Smart City Clima continually assesses the degree of success of various forecasters so you know who is the most reliable according to the anticipation and variable listed.

Spatial forecasts: Smart City Clima has higher spatial resolution than other forecasters.

Risk maps: Meet the city areas most likely to be affected by storms thanks to the flood risk maps.

Weather History: Find the extreme events affecting your city, and how they were presented in recent years.

Emergency: Assistance at your fingertips in the event of a weather emergency.



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We develop innovative ideas to make better decisions, increase productivity, and generate new knowledge.

 **SMARTCITYCLIMA**[®]
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