

SYDNEY

Marina García

WHAT IS SYDNEY?

- **SYDNEY IS THE STATE CAPITAL OF NEW SOUTH WALES**
- **THE MOST POPULOUS CITY IN AUSTRALIA AND OCEANIA**
- **SYDNEY IS ONE OF THE MOST COSMOPOLITAN CITIES,**
- **AUSTRALIA'S MAIN DESTINATION FOR IMMIGRANTS.**
- **THE BEST STANDARDS OF QUALITY OF LIFE IN THE WORLD.**

WEATHER

- **SYDNEY**
- **HAS A HUMID SUBTROPICAL CLIMATE**
- **THE CLIMATE IS MODERATED THE MOST EXTREME**
- **TEMPERATURES ARE RECORDED IN THE WESTERN INTERIOR SUBURBS**



What make Sydney a ecologist town?

- Australia to fully phase out incandescent bulbs by 2010
- **Reducing greenhouse-gas** emissions hundreds of thousands of tons a year and cutting household lighting costs up to **66 percent**
- Innovative food-waste disposal programs
- It is a practice with environmental, human and economic **consequences**.
- **Examples:**
 - Green ketchup
 - **Some companies** started using, in addition to red tomatoes.
 - Beer bread
 - It is made with **leftover bread**,.
 - Airtight storage bags
 - Made of **rice** when you finish its use it **dissolves in water**



The benefits of trees

- Trees are an important urban asset that provides environmental, aesthetic, cultural and economic benefits.
- Positive facts:
 1. Soften traffic noise
 2. Shade us during warmer weather.
 3. Trees absorb carbon dioxide,
 4. .Trees roots keep the soil porous allowing stormwater



Green buildings

- One Central Park is an award-winning mixed-use building
- In the suburb of Chippendale
- The building itself comprises two residential apartment towers
- Making it the largest multi-residential building



Will Sydney tame the giant of public bicycles?

- System of bicycle rental services
- Gone out to invade the world.
- Can be abandoned anywhere the user wants
- in a specific place
- **It's free!**



Electric cars

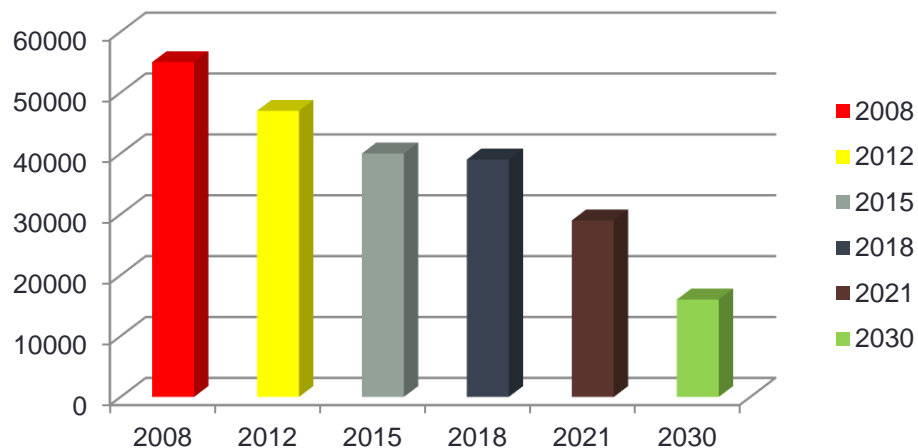
- A solar car manufactured
- The car traveled 4,000 km in six days
- The equipment is only charged with solar energy



Carbon neutrality

- The City has been achieving real energy and greenhouse gas emissions
- In previous years the City of Sydney used 100% Green Power
- We have now instead committed \$2 million
- Generate clean energy locally where and when it is required.

CO2 Emissions in Tons



Made with Excel

Future plans

- Rafael Pizarro:

- With a team of 20 architecture students, they have spent several months designing

- What's the idea?

1. Create an ecologist town in White Bay.
2. There is a large area of solar energy, another of food and energy production.
3. There will even be an internal public transport system with mini electric cars.
4. All buildings will be equipped to be able to grow food and will establish so-called vertical gardens or orchards on the facades of the buildings,.

