



Nueva Vida Community

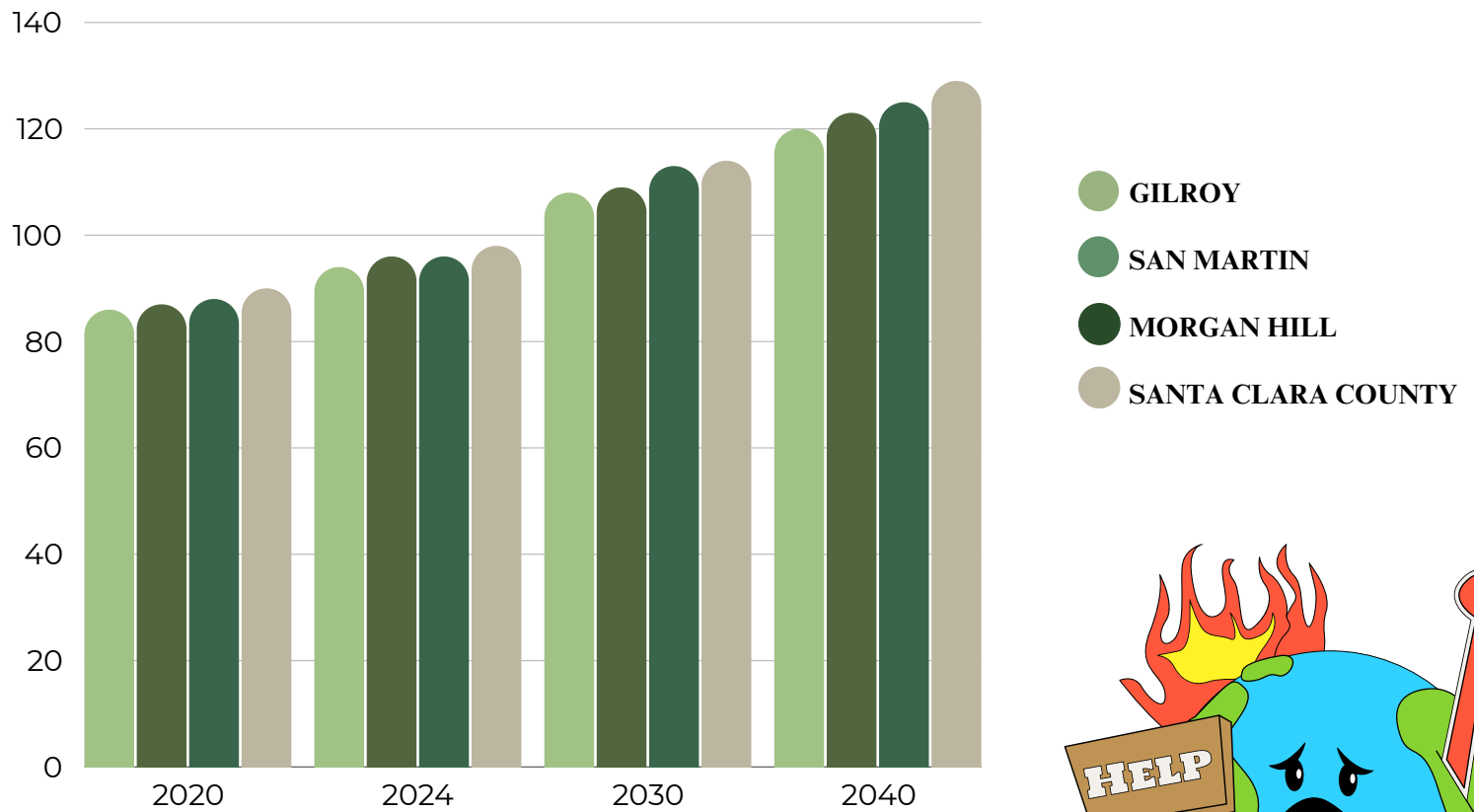
# CLIMATE CHANGE

PROGRESS REPORT

22, July 2024



# Global Warming



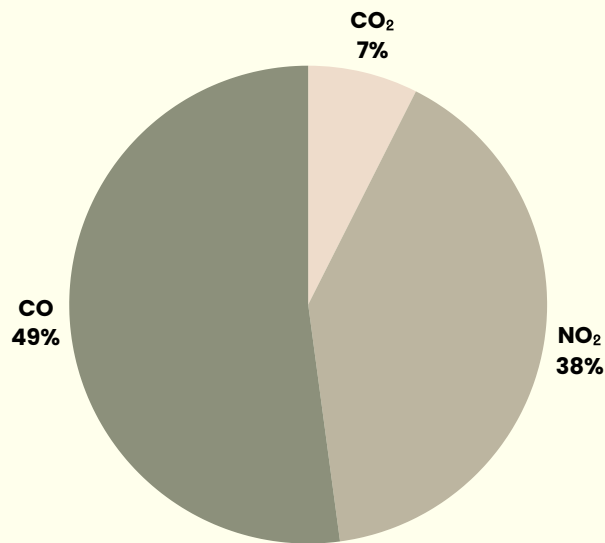
Maximum heat temperature throughout the years



O<sub>2</sub>

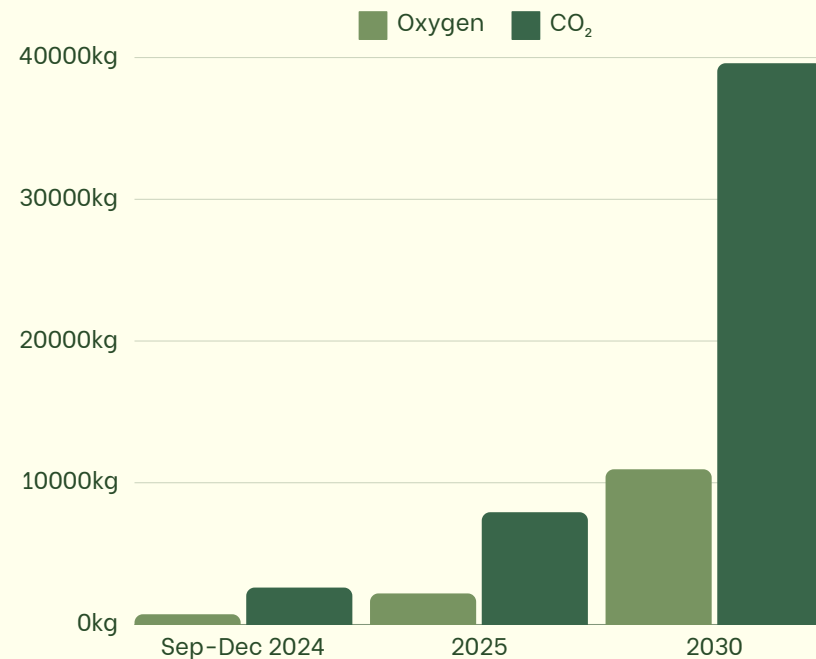
# HOW MUCH OXYGEN CAN A CITRUS TREE PROVIDE?

A citrus tree can capture up to 21.7 kg of CO<sub>2</sub> per day, converting it to 6kg of oxygen.

O<sub>2</sub>

## Decline of pollution during Covid-19

Carbon dioxide (CO<sub>2</sub>) emissions dropped by 2.4 billion metric tons (7%) from 2019 to 2020. This is one of the biggest annual drops in CO<sub>2</sub> emissions ever recorded in modern times. Lockdown during COVID-19 proved that when human activity tapered off, so did the greenhouse gas emissions.



## Amount of Oxygen produced

The bar graph illustrates the amount of carbon dioxide that a citrus tree can capture and the amount of oxygen it can supply. In only for months it can supply up to 720 kg of oxygen. In a year it will supply up to 2,190 kg and by five years it would have supplied up to 10,950 kg of oxygen.



# Air Purifier



## Benefits:

- Removes allergens
- Reduce asthma triggers in the air
- reduces airborne disease (ex.Covid-19)
- less harmful particles
- reduces odors
- prevents dust buildup and mold

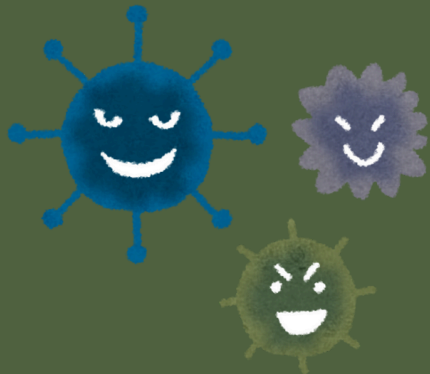


## Long Term Advantages:

- Reduces lung cancer
- reduces risk of diabetes
- improved digestive system
- reduces

## Facts:

- This type of air filter can theoretically remove at least 99.97% of any airborne particles which can include dust, pollen, mold, and bacteria.
- In a typical home environment, an effective air purifier can start to reduce these pollutants within 1hr to 2hrs.





**Where do you go from here? Sustainability reports are not just about looking back, but also looking forward.**



**01**

**Following up with individuals who were given an air purifier**

Get in contact with each family that was provided an air purifier and keep track of the effect on their health. We will be checking once a month for a period of six months.

**02**

**Following up with Individuals who were given a citrus tree**

We will contact the families who were given a citrus tree and make sure it is being nurtured and growing.

**03**

**Community Engagement**

Educating the community on the importance of tree's, purifiers and maintaining a clean environment.

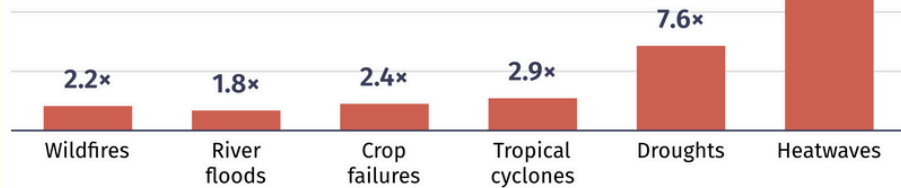


# How the world will look, if we do not address climate change!



In a **2.4°C** world, I, as a **25-year-old** from **North America**, will experience these increases

**2024-2100**



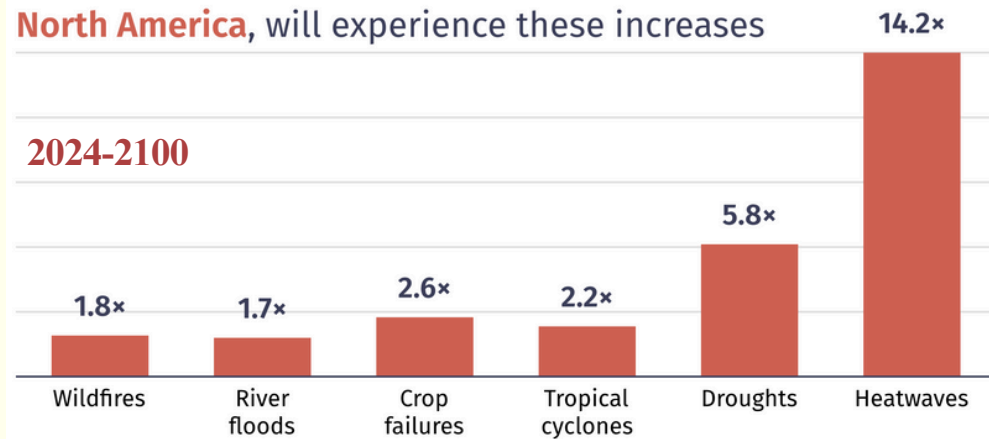
Find out your climate future at [myclimatefuture.info](http://myclimatefuture.info)



CO<sub>2</sub>

In a **2.4°C** world, I, as a **50-year-old** from **North America**, will experience these increases

**2024-2100**



Find out your climate future at [myclimatefuture.info](http://myclimatefuture.info)