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# AIR GUARDIAN

**DIRECT AIR CARBON CAPTURE**

[WWW.AIRGUARDIAN.INFO](http://WWW.AIRGUARDIAN.INFO)

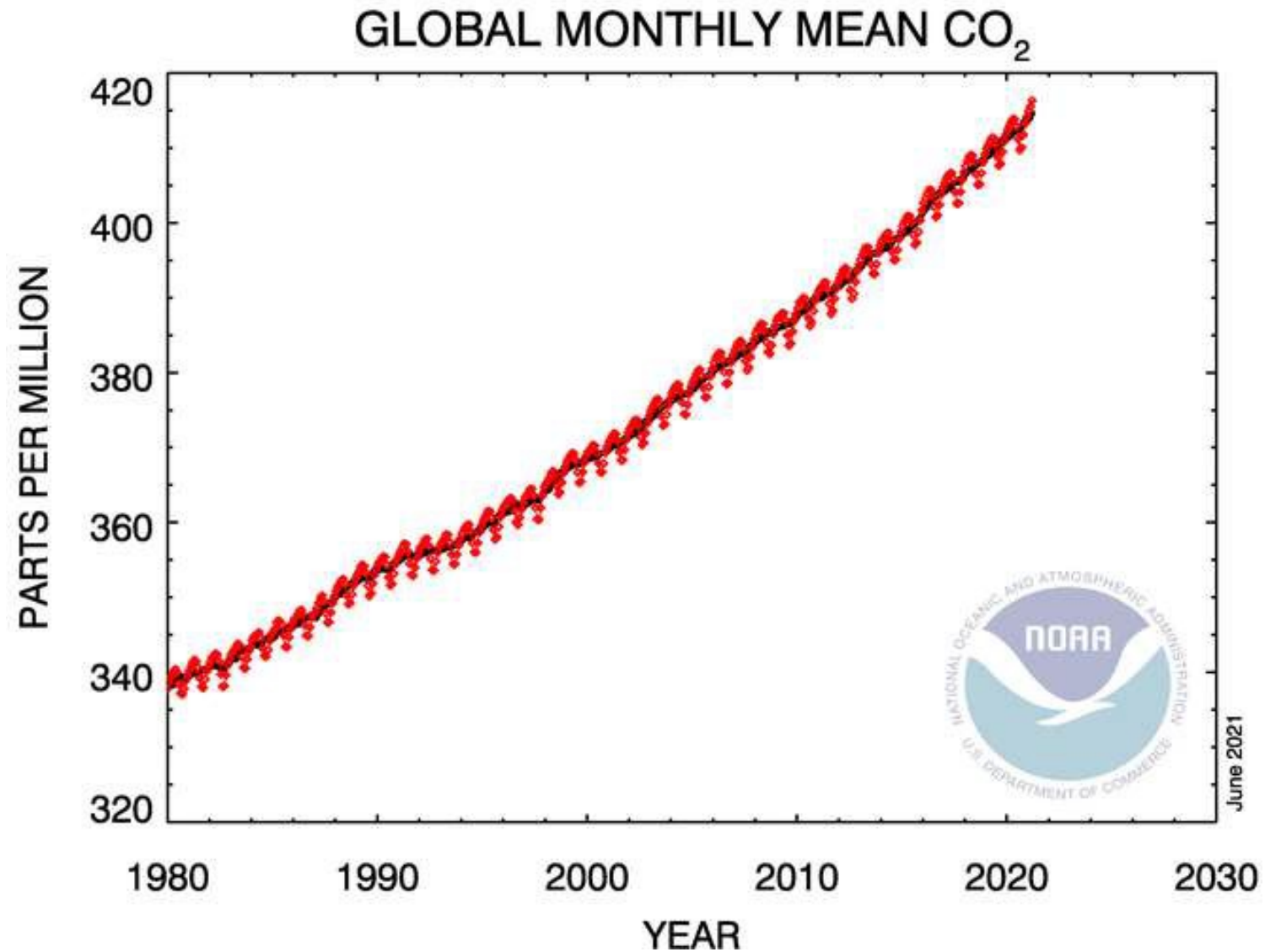
## THE PROBLEM

- Kids living in cities with low air quality suffer from asthma at higher rates than average.



# THE PROBLEM

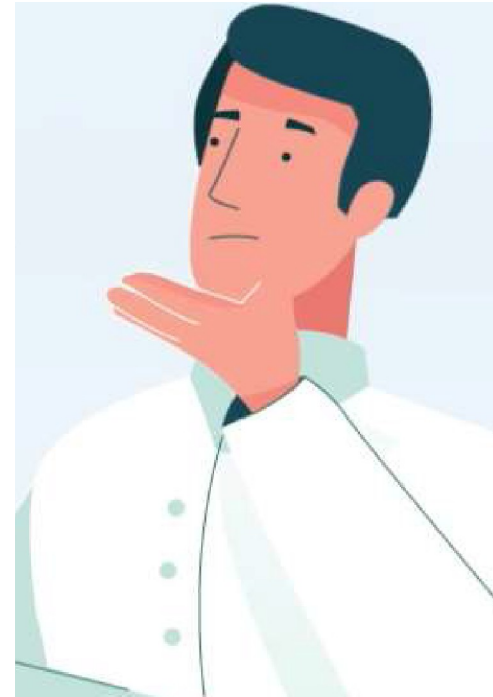
- Carbon in the air is harming all of us



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**AIR GUARDIAN**

**WHAT CAN YOU  
DO ABOUT IT?**



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Air Guardian uses equipment you already own and energy you already use to remove carbon dioxide, methane, and particulates from the air.

**AIR GUARDIAN**



# WHERE WE BEGAN

- Founder Rob Allison, III cared for a child with asthma who couldn't play outside on poor air quality days.
- He knows HVAC equipment inside and out and invented Air Guardian to clean the air for a whole city so she could feel better.

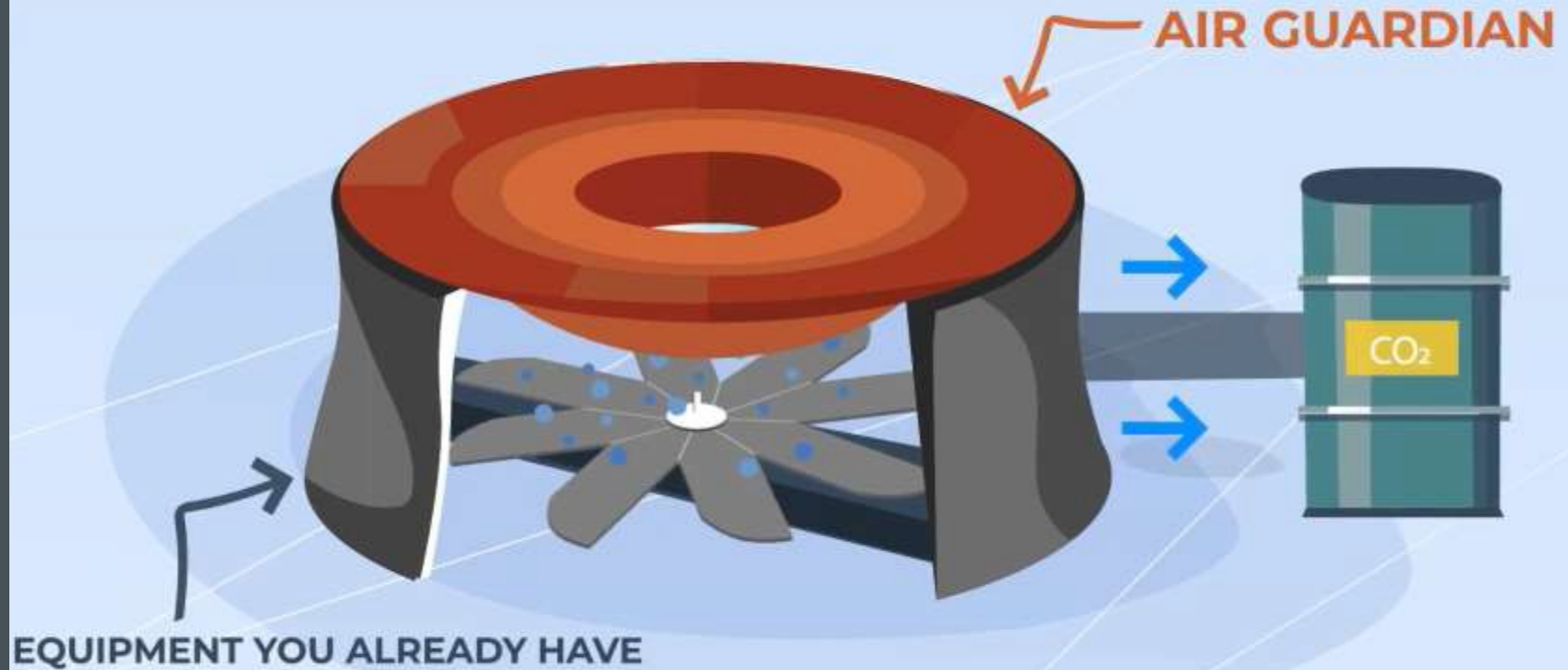
## ESG GOALS

- Air Guardian makes it easy to safeguard our children's futures, and meet your company's Environmental, Social, and Governance goals, without spending a lot of money.



## THE TIME IS NOW

- Shareholders are restless
- Air Guardian can earn you money
- Your company can contribute to the solution with equipment you already own and operate.



## THE SOLUTION

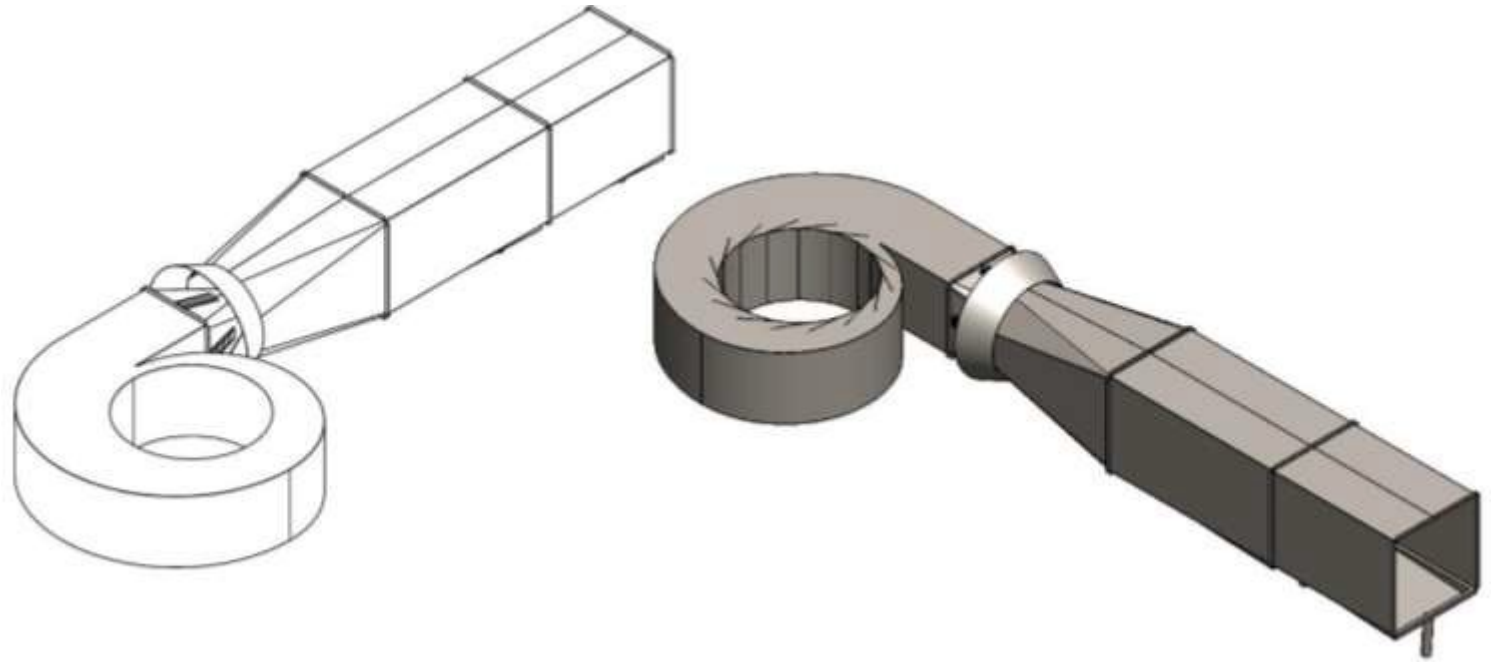
- Your buildings can:
- Remove carbon dioxide from the air
- Generate carbon credits
- Earn you money



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## HOW DOES IT WORK?

- Air Guardian collects carbon dioxide, methane, and particulates from ambient air near cooling towers.

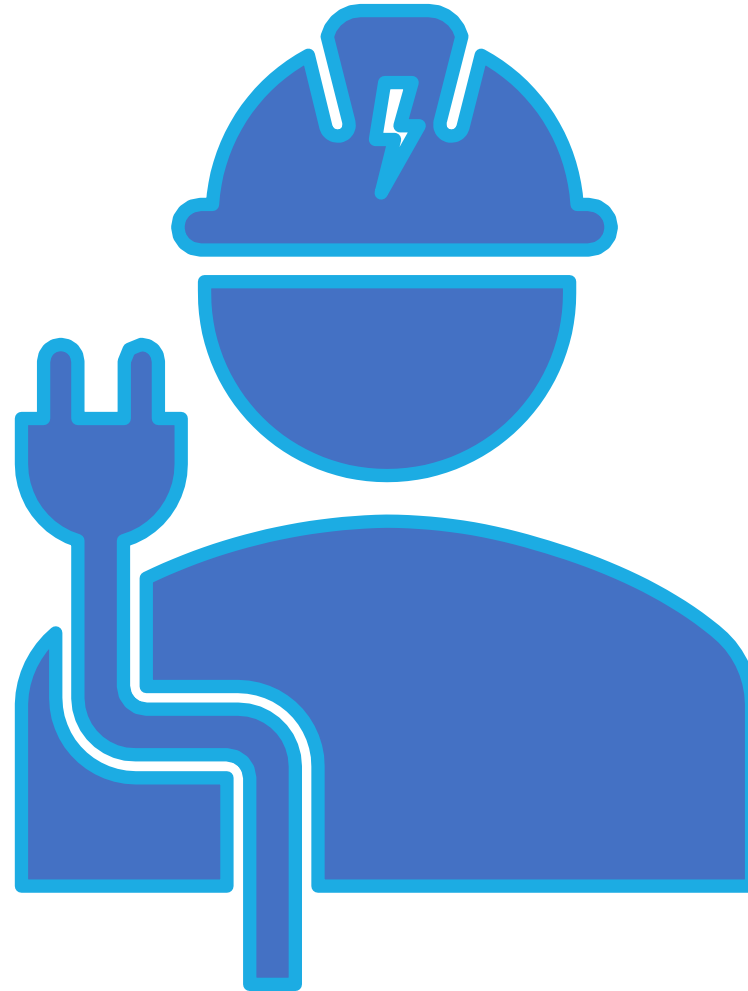


Early Air Guardian prototype

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## COOLING TOWERS TODAY

- We use a lot of electricity to cool buildings.
- Air Guardian turns exhaust air into an engine that pulls ambient air through a scrubber



## INSTALLATION

- Two people can install an Air Guardian in one day without a crane.
- \$40k to manufacture and install one Air Guardian



Rob Allison installing early prototype

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### **GROSS REVENUE \$70/day**

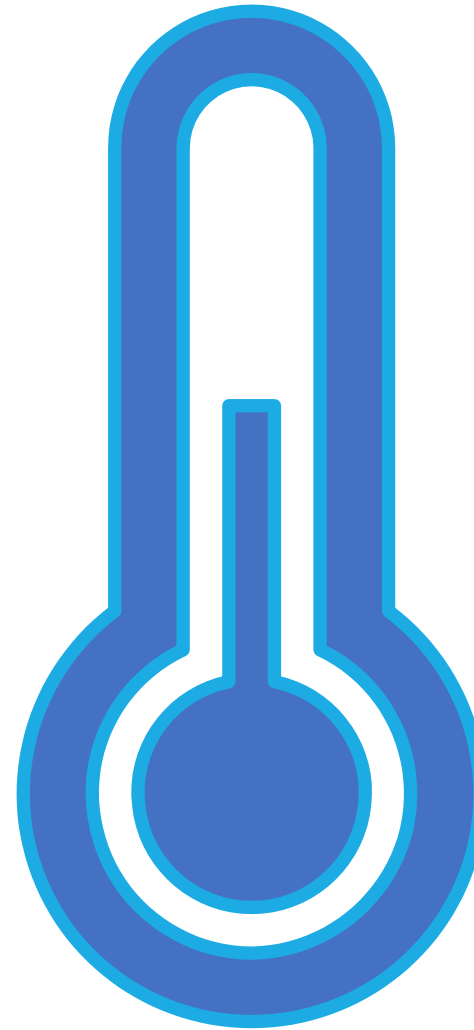
- One Air Guardian captures one ton of carbon dioxide per day



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### **OPERATIONS \$15/day**

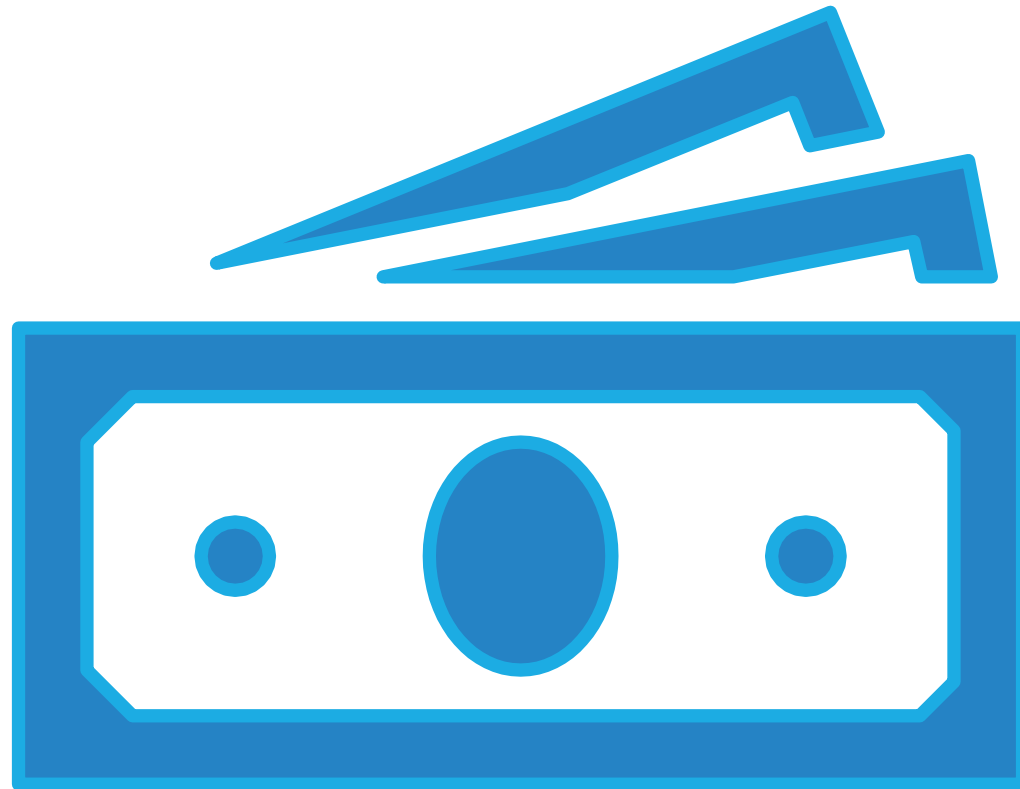
- 20 kWh of electricity per day
- Empty captured carbon dioxide from storage tanks
- Replace activated carbon filters when saturated



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## ROI IN TWO YEARS

- Air Guardians silently earn you money during their 15-year lifespan with an ROI of two years.



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## **MARKET POTENTIAL \$11B**

- Air Guardians installed on 20% of the two million cooling towers in North America is an \$11B gross annual revenue business.



## ENVIRONMENTAL SOCIAL AND GOVERNANCE GOALS

- With Air Guardian, we can empower building owners across industries to achieve their ESG goals using equipment they already own and energy they already use.



## LEASING BUSINESS

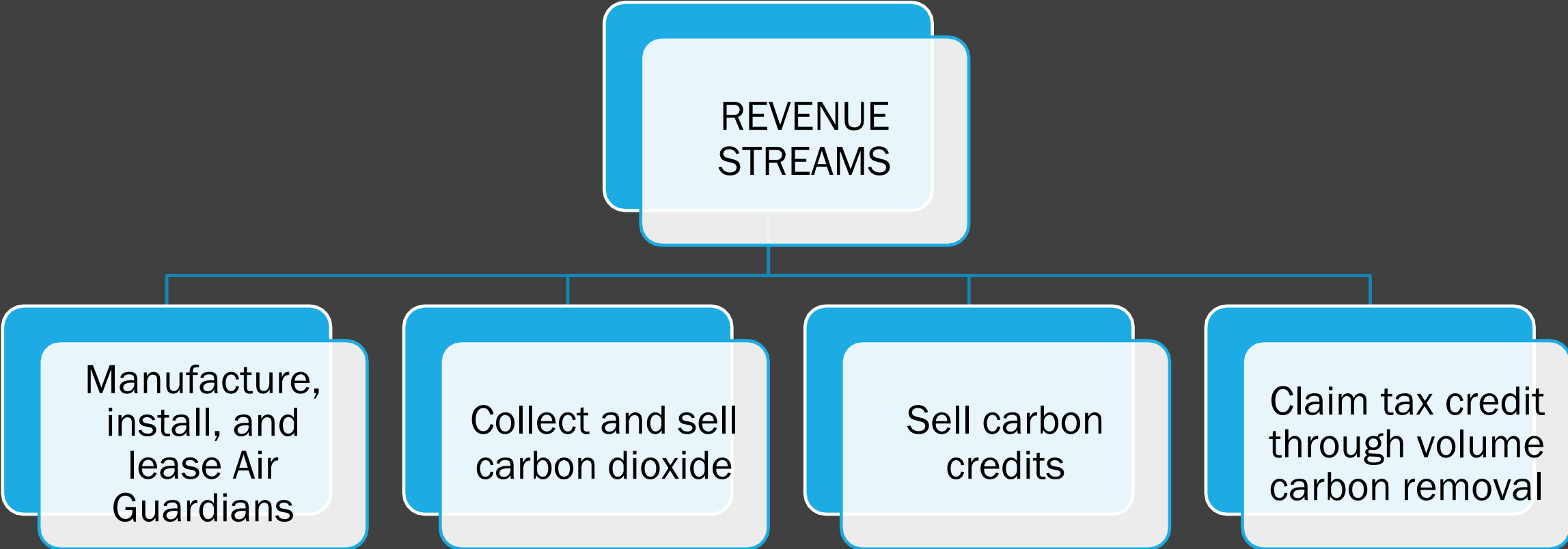

- The Air Guardian Champion is poised to profit from empowering building owners to meet their ESG goals
- Retrofit competitor's cooling towers





## READY TO MANUFACTURE

- Air Guardian is patented
- Two prototypes have run, one of them for 30 months
- Drawings of version 2 complete



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graph TD; A[REVENUE STREAMS] --> B[Manufacture, install, and lease Air Guardians]; A --> C[Collect and sell carbon dioxide]; A --> D[Sell carbon credits]; A --> E[Claim tax credit through volume carbon removal];
```

## REVENUE STREAMS

Manufacture,  
install, and  
lease Air  
Guardians

Collect and sell  
carbon dioxide

Sell carbon  
credits

Claim tax credit  
through volume  
carbon removal

```
graph TD; A[PROJECTED MARKET] --> B[2M cooling towers in North America]; A --> C[One Air Guardian collects 400 tons of CO2 per year]; A --> D["$25k gross revenue per year each"]; A --> E["$11B annual gross revenue with 20% of market"]
```

PROJECTED  
MARKET

2M cooling  
towers in North  
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One Air Guardian  
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\$25k gross  
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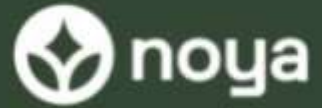
\$11B annual  
gross revenue  
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## COMPETITION

- Air Guardian can earn you money while capturing carbon.
- Other carbon capture methods cost money
- Air Guardian can earn a profit.



# AIR GUARDIAN



## WHY AIR GUARDIAN?

- Air Guardian piggybacks onto technology we already have in place
- Air Guardian maximizes energy we are already using
- Air Guardian is ready to enter manufacturing engineering
- Air Guardian can be to market with a profitable business model faster than the competition
- Air Guardian helps meet Environmental, Social, and Governance goals with a profitable financial model

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## WHY YOU, WHY NOW?


- You have the experience and reach to make Air Guardian widely available and successful
- You can be the leader in direct air carbon capture through cooling



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## **WHAT WE NEED**

- We want to sell the patent to to a powerful manufacturer who can bring it to market.
- Inventor, Rob Allison can stay on as technical advisor as long as is needed



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