



Air Quality Solutions Worldwide

**Innovation US Patents Held under Particulate Matter Solutions LLC*

Direct Air Capture

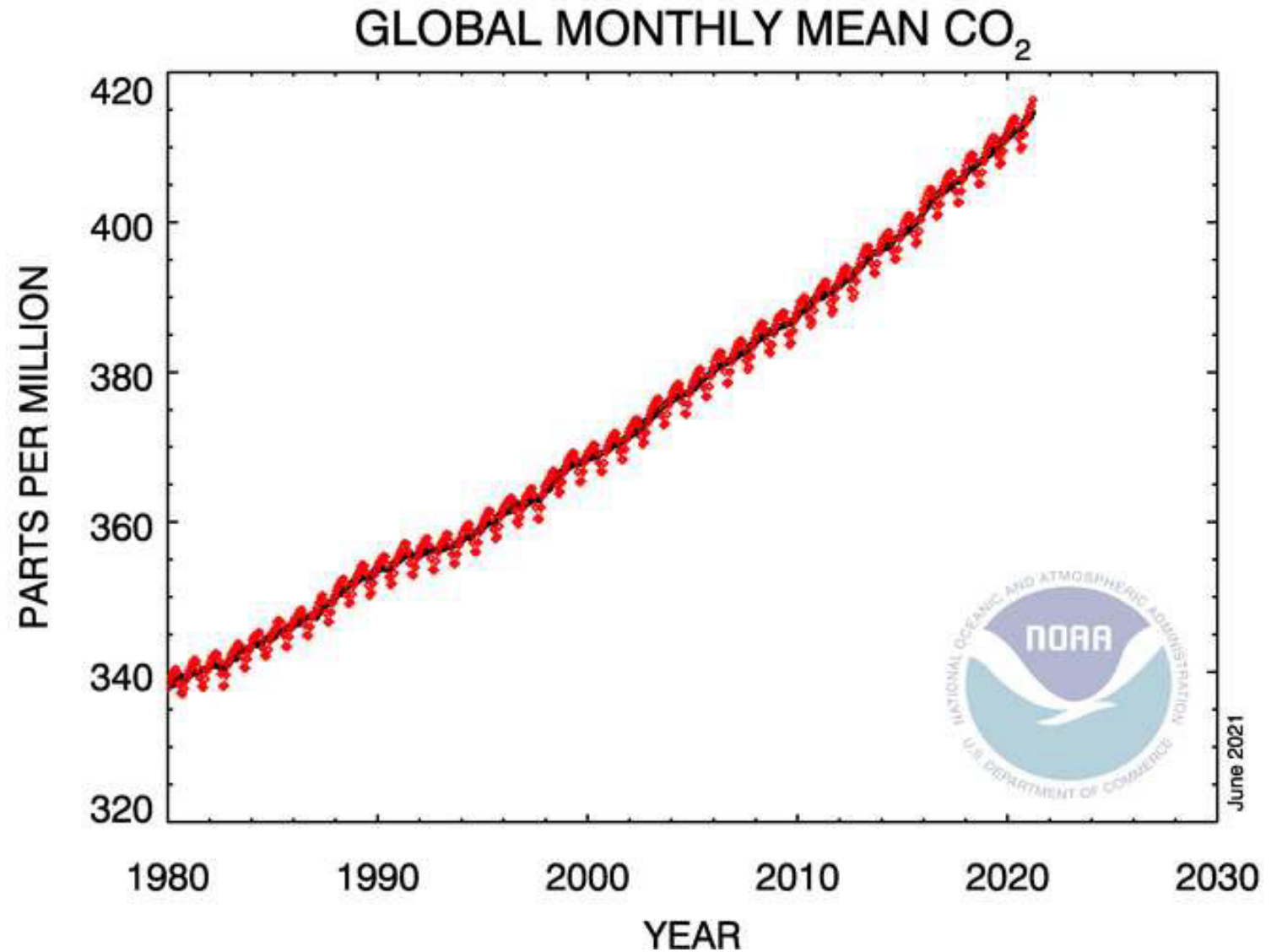
THE PROBLEM

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



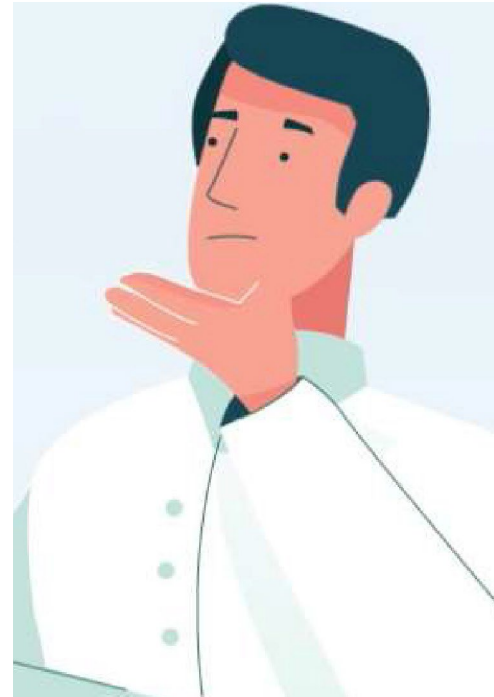
THE PROBLEM

- Carbon in the air is harming all of us



AQSW
Direct
Air
Capture

WHAT CAN YOU
DO ABOUT IT?



AQSW Direct Air Capture uses equipment you already own and energy you already use to remove carbon dioxide, methane, ozone, and heavy particulates from the air.

AQSW
Direct
Air
Capture



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 AQSW Direct Air Capture to clean the air for a whole city so the child could feel better.

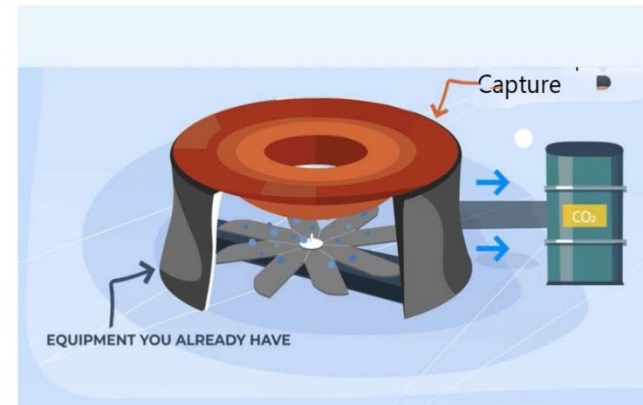
ESG GOALS

- AQSW Direct Air Capture 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
- AQSW Direct Air Capture can earn you money
- Your company can contribute to the solution with equipment you already own and operate.



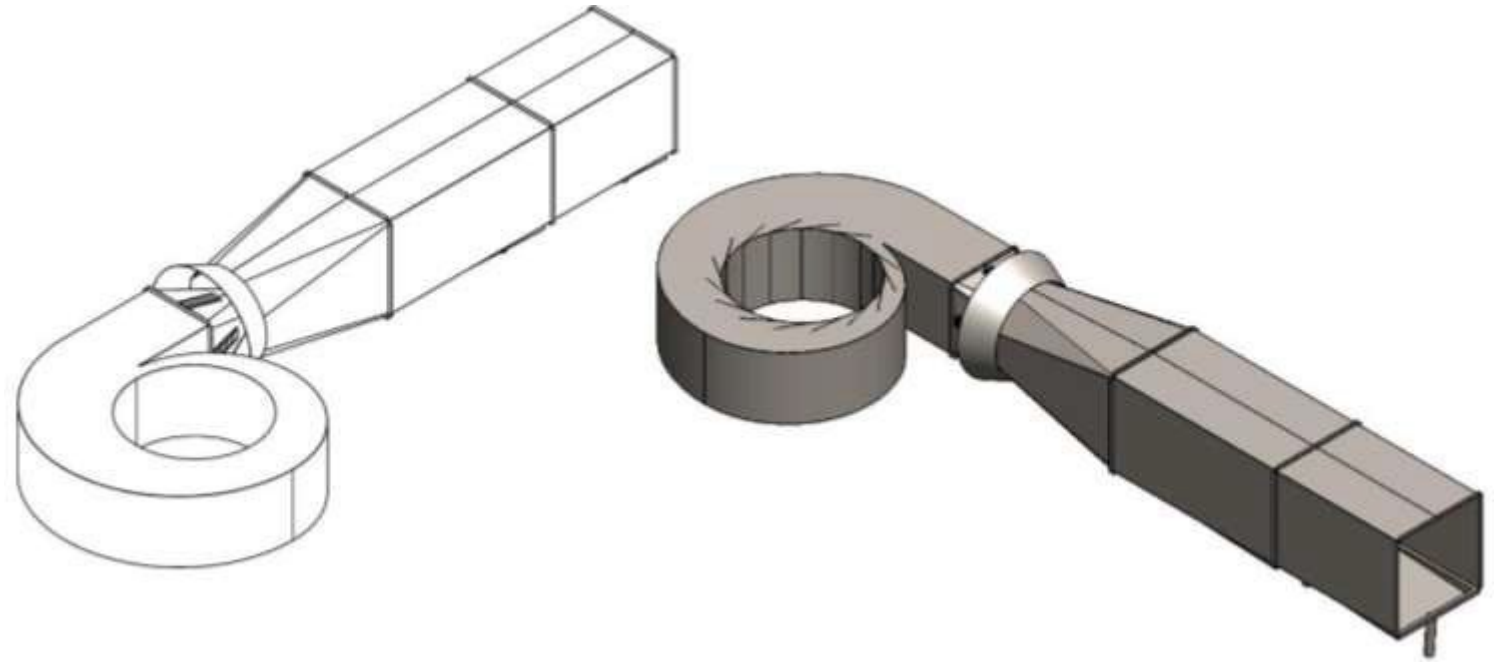
THE SOLUTION

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



HOW DOES IT WORK?

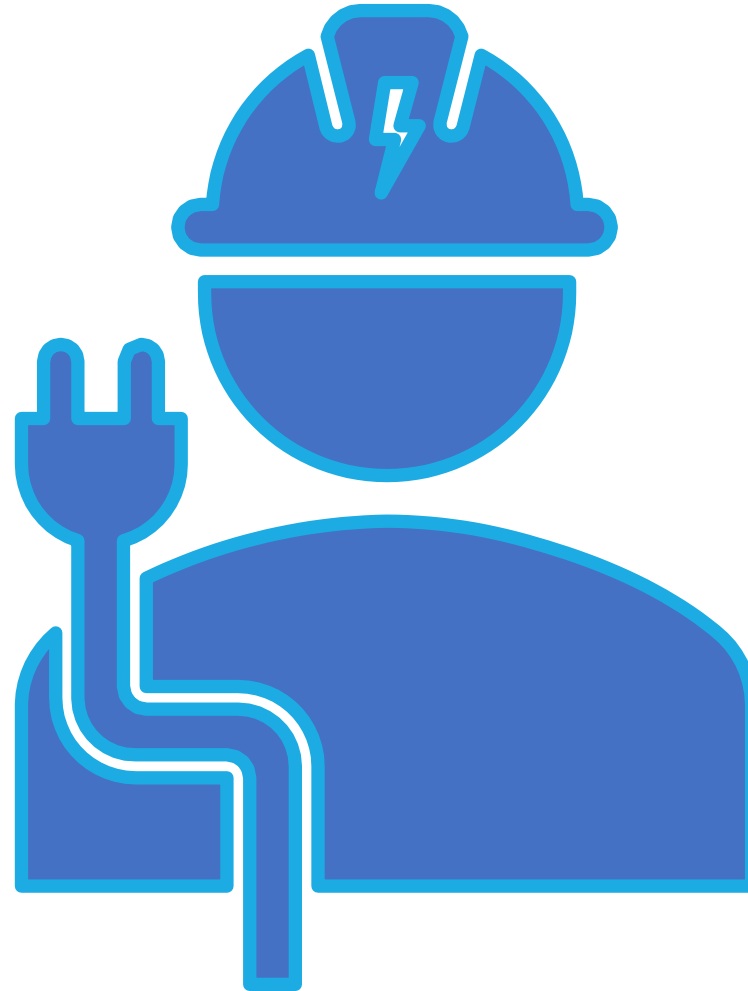
- AQSW Direct Air Capture collects carbon dioxide, methane, ozone and heavy particulates from ambient air near cooling towers.



Early Direct Air Capture prototype

COOLING TOWERS TODAY

- A lot of electricity is used to cool buildings.
- AQSW Direct Air Capture turns exhaust air into an engine that pulls ambient air through a scrubber



INSTALLATION

- Two people can install an AQS Direct Air Capture in one day without a crane.
- About \$40k to manufacture and install one AQS Direct Air Capture unit



Rob Allison installing early prototype



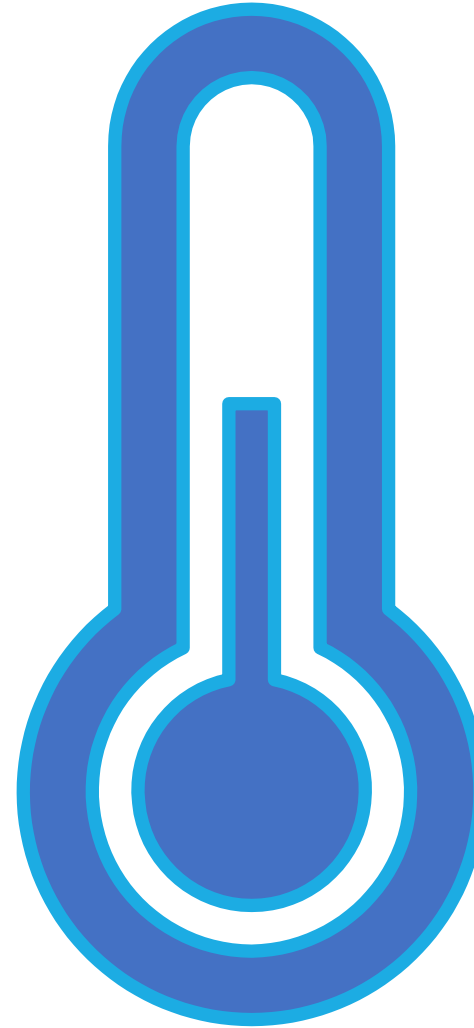
Increase GROSS REVENUE

- One AQSW Direct Air Capture captures one ton of carbon dioxide per day



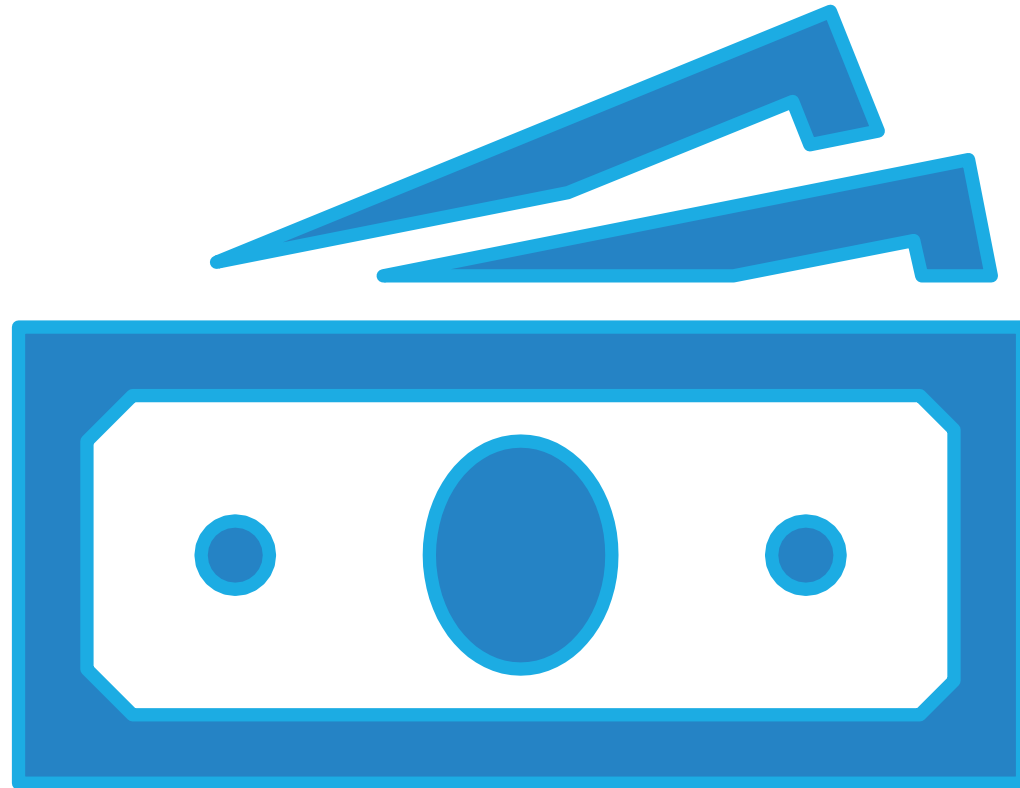
OPERATIONS \$15/day

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



ROI IN TWO YEARS

- AQSW Direct Air Capture silently earns you money during their 15-year lifespan with an ROI of two years.





N. America MARKET POTENTIAL \$50B

- AQSW Direct Air Capture installed on 70% of the two million cooling towers in North America is a \$50B gross revenue business.



Sustainable Development GOALS

- With AQS Direct Air Capture, building owners across industries can be empowered to achieve their SDG goals using equipment they already own and energy they already use.



LEASING BUSINESS

- The AQSW Direct Air Capture is poised to profit from empowering building owners to meet their ESG goals
- Retrofits to cooling Towers in densely populated areas





READY TO MANUFACTURE

- AQSW Direct Air Capture is patented
- Two prototypes have run, one of them for 30 months

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

Manufacture,
install, &
lease AQS
Direct Air
Capture

Collect and sell
carbon dioxide

Sell carbon
credits

Claim tax credit
through volume
carbon removal

PROJECTED
MARKET

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graph TD; A[PROJECTED MARKET] --- B[2M cooling towers in North America]; A --- C[One AQS Direct Air Capture collects 400 tons of CO2 per year]; A --- D[Revenue from Carbon & Methane markets]; A --- E["$50B gross revenue with 70% of market"];
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2M cooling
towers in North
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One AQS
Direct Air
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400 tons of CO₂
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Revenue from
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Methane
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\$50B gross
revenue with
70% of
market

COMPETITION

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





AQSW
Direct Air Capture
Competition

WHY AQS Direct Air Capture?

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

WHY YOU, WHY NOW?

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



WHAT WE NEED

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

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