

# Spotlight on Sustainability



For Air Products, sustainability is what we do as a business. We believe that—in addition to being the safest, most diverse and most profitable industrial gas company in the world—we serve a higher purpose. Our higher purpose is to create a company where people feel they belong, and their contributions are recognized and valued. A company that promotes collaboration among people of different cultures and backgrounds. A company that is committed to sustainability and supportive of the communities in which we operate. A company that our people want to work for, where they are proud to be part of the innovative process to solve the energy and environmental challenges facing the human race.

Under our **Grow**, **Conserve**, **Care** strategy, we aim to:

**Grow** – lead the Industrial Gas industry in profitability and contribute greater than 50 percent of revenues from offerings that improve energy efficiency, lower emissions, and meet societal needs.

**Conserve** – save energy, reduce greenhouse gas emissions, and conserve water.

**Care** – lead the Industrial Gas industry in safety, build a diverse and inclusive workforce, and support our communities.



Grow • Conserve • Care  
**SUSTAINABILITY**

## Air Products at a glance\*



**\$8.9**  
billion in sales



**~\$16,000**  
employees



**50**  
countries of operation



**~\$50**  
billion market cap



**30+**  
industries served



**7+**  
decades in business



**170,000+**  
customers



**1,800**  
miles of industrial gas pipeline



**750+**  
production facilities

\*From continuing operations.



# GROW

responsibly through sustainability-driven opportunities that benefit our customers and the world

## Our products improve sustainability

Our gases, equipment and applications expertise enable our customers in dozens of industries to enhance their sustainability performance by improving their productivity, producing better quality products, reducing energy use and lowering emissions.

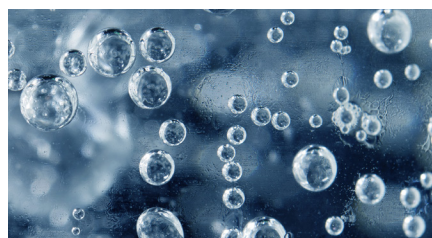
### Oxy-fuel Technology

Air Products' oxy-fuel combustion technologies are used in energy intensive applications like cement, metals and glass manufacturing to increase production, lower fuel use and costs, reduce emissions and optimize efficiency.



### Hydrogen

Hydrogen is used to refine heavier, sour crudes, increase refinery yields and reduce emissions through cleaner transportation fuels. Hydrogen can be used as a transportation fuel that eliminates or substantially reduces emissions.



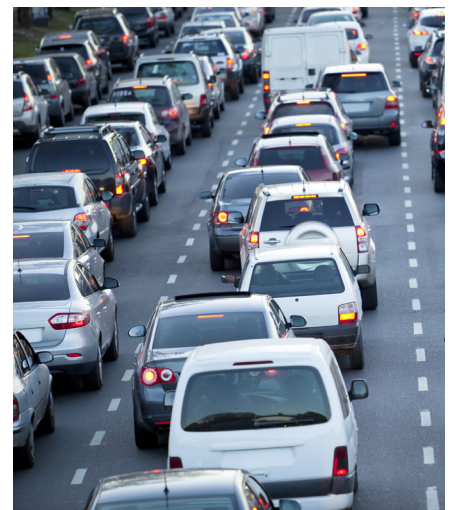
### Halia®

Air Products' Halia® solutions enable healthy aquatic ecosystems and effective treatment of water and wastewater. These innovative technology solutions improve water quality, reduce costs, lower emissions and increase environmental sustainability.

### Avoiding emissions of carbon dioxide

Our products enable our customers and their downstream users to avoid emitting carbon dioxide by improving energy efficiency and/or reducing environmental emissions.

We estimate that the potential emissions avoided by the use of our products in 2018 totaled 55 million metric tonnes of CO<sub>2</sub> in 2018 equivalent to the emissions from 12 million cars – and almost double our own direct and indirect CO<sub>2</sub> emissions.



### LNG Process Technology and Equipment

Air Products' liquefied natural gas (LNG) technology and equipment enables the efficient and economic production and transport of this critical energy resource, including from stranded natural gas sources around the globe.



For additional examples of our products, see our [sustainable offerings](#).



# CONSERVE

resources and reduce environmental footprint through cost-effective improvements

## Reducing Environmental Impact

**570**

thousand metric tonnes of CO<sub>2</sub>e avoided

**\$60**

million in energy and water costs avoided

**16%**

improvement in distribution efficiency

**5,600**

million gallons of water conserved

**2**

million MWh of energy conserved

**18%**

improvement in water efficiency

**1.5%**

reduction in GHG emissions intensity

**2.0%**

improvement in ASU energy efficiency

**0.9%**

improvement in HyCO energy efficiency

We have a shared responsibility to protect the environment. This belief is reflected in our higher purpose as an industrial gas company, which includes producing products that improve the environment and make our customers' processes better.

We are also committed to improving our own performance by operating efficiently, incorporating environmental considerations into the design of our facilities and products, effectively managing environmental risks, and communicating our environmental performance.

### Our 2020 Environmental Goals\*

- Save energy by reducing use intensity by 2.5% for ASUs and 1.5% for HyCOs
- Reduce GHG emissions intensity by 2%
- Conserve water and lower use intensity by 5%
- Improve efficiency and reduce CO<sub>2</sub> emissions related to distribution by 10%

\*2015 baseline year





# Care

for our employees, customers and communities —  
protecting our license to operate and grow

## Promoting Safety, Diversity and Community Support

0

employee fatalities

15%

decrease in employee recordables

18%

decrease in contractor recordables

7

employee resource groups for diversity and inclusion

22%

women in global workforce

10.9%

turnover rate

\$6.9

million in cash contributions to communities

~200

STEM programs globally

~100,000

people touched by STEM programs

**Safety** is our top priority. We want our employees to return home to their families as safe and in the same condition as when they arrived for work.

We bring together talented **people** to innovate solutions for the challenges that face us, our customers, and our world.

We build relationships and contribute to the well-being of our operating **communities** around the world.



FTSE4Good

MEMBER OF  
**Dow Jones Sustainability Indices**  
In Collaboration with RobecoSAM



For more information, please see our [2019 Sustainability Report](#) or contact us at:

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tell me more  
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