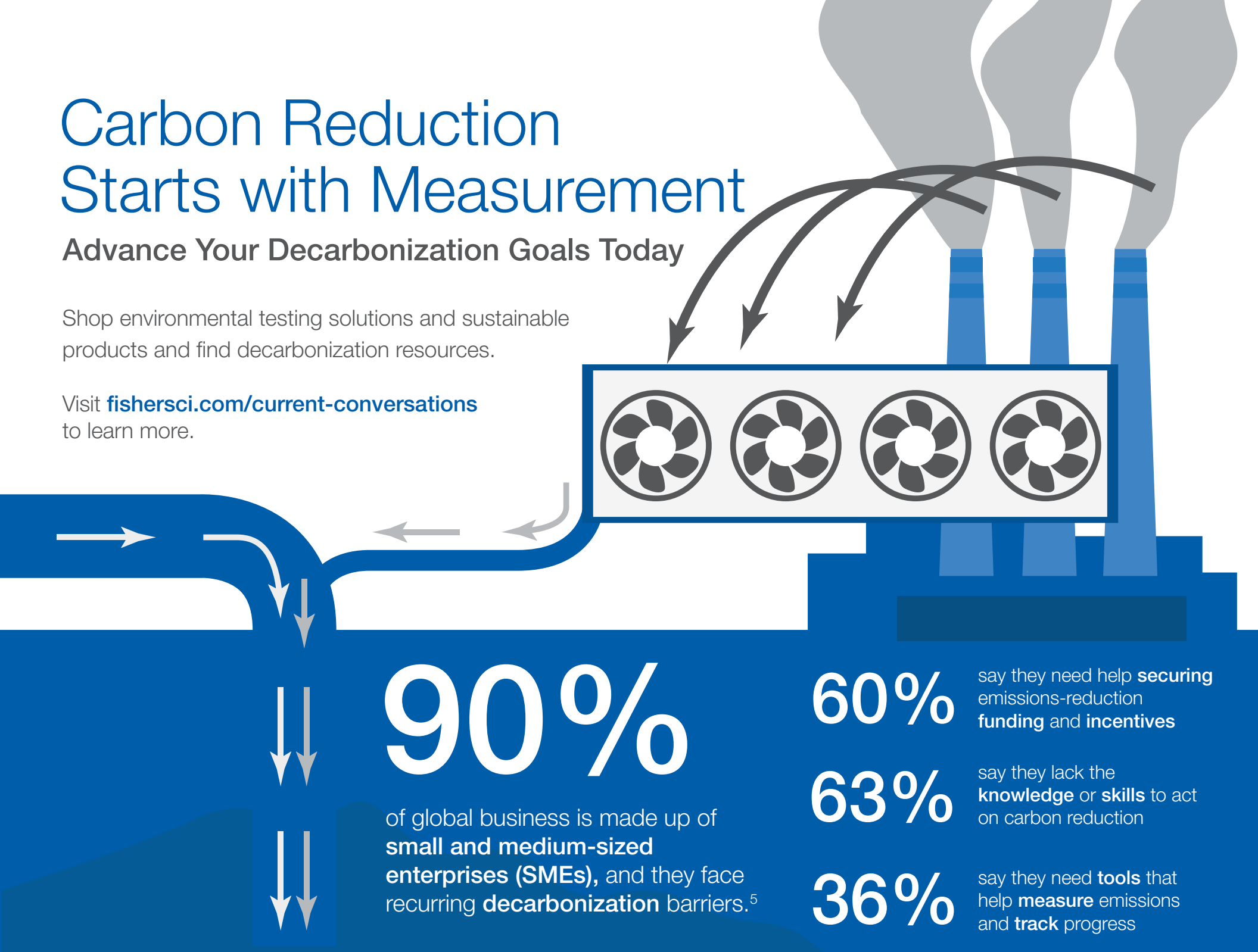


# Carbon Reduction Starts with Measurement

Advance Your Decarbonization Goals Today

Shop environmental testing solutions and sustainable products and find decarbonization resources.

Visit [fishersci.com/current-conversations](https://fishersci.com/current-conversations) to learn more.



# 90%

of global business is made up of **small and medium-sized enterprises (SMEs)**, and they face recurring **decarbonization barriers**.<sup>5</sup>

# 60%

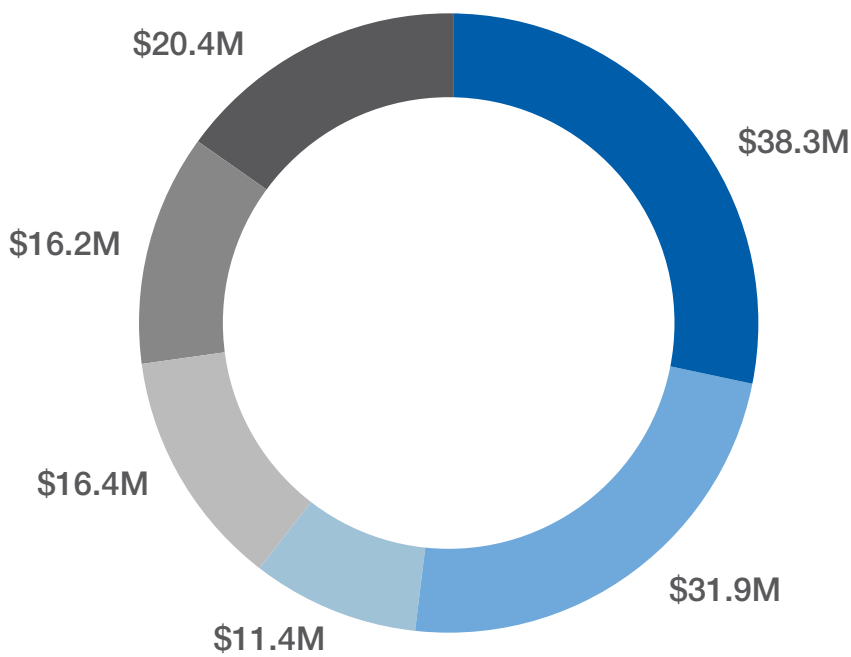
say they need help **securing emissions-reduction funding and incentives**

# 63%

say they lack the **knowledge or skills** to act on carbon reduction

# 36%

say they need **tools** that help **measure emissions and track progress**



The U.S. Department of Energy Awarded **\$135 Million to Reduce Industrial Sector Emissions**.<sup>1</sup>

- Chemicals
- Iron & Steel
- Food & Beverage
- Cement & Concrete
- Paper & Forest Products
- New Clean Energy Tech

Together, these industrial subsectors account for over **50%** of the U.S. industrial sector's **energy-related CO<sub>2</sub> emissions**.<sup>2</sup>

The industrial sector accounted for **33%** of U.S. primary energy use

**30%** of energy-related CO<sub>2</sub> emissions.<sup>3</sup>

Industrial-sector emissions are attributed to a combination of **sources**, including:

- Fuel
- Manufactured Product Lifecycle
- Industrial Process
- Electricity Generation



But they can be mitigated by these decarbonization pillars:<sup>4</sup>

- Energy Efficiency
- Industrial Electrification
- Low Carbon Fuel Standard (LCFS)
- Carbon Capture, Utilization, and Storage (CCUS)



**Buildings and plants** account for **13.8%** of the U.S. manufacturing footprint.

The **Better Plants Program** works with the U.S. Department of Energy to provide tracking templates and tools to help SMEs build, commit, and monitor their decarbonization goals.<sup>6</sup>

1. U.S. Department of Energy. (2023, June 15). Biden-Harris Administration Announces \$135 Million to Reduce Emissions Across America's Industrial Sector. <https://www.energy.gov/articles/biden-harris-administration-announces-135-million-reduce-emissions-across-americas>.  
 2. U.S. Department of Energy. (2022, September). Industrial Carbonization Roadmap. <https://www.energy.gov/sites/default/files/2022-09/Industrial%20Decarbonization%20Roadmap.pdf>  
 3. U.S. Department of Energy. DOE Industrial Decarbonization Roadmap—Industrial Technologies. <https://www.energy.gov/industrial-technologies/doe-industrial-decarbonization-roadmap>.  
 4. U.S. Department of Energy. (2022, September). Industrial Carbonization Roadmap. <https://www.energy.gov/sites/default/files/2022-09/Industrial%20Decarbonization%20Roadmap.pdf>.  
 5. SME Climate Hub. (2022, February 23). Survey: small businesses face recurring barriers to carbon reduction <https://smeclimatehub.org/sme-survey-barriers-to-climate-action/>.  
 6. U.S. Department of Energy. (2022, September). Industrial Carbonization Roadmap. <https://www.energy.gov/sites/default/files/2022-09/Industrial%20Decarbonization%20Roadmap.pdf> page16.

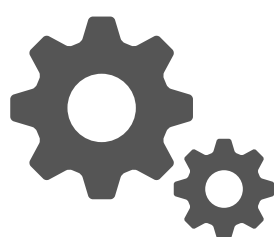
# Act Now with Funding and Support



## Funding and Incentives

Find rebates, funding, and incentives to help implement CO<sub>2</sub> management and energy plans.

[Explore Now >](#)



## Free Software to Improve Energy Savings

Monitor and improve your facility's energy usage.

[Learn More >](#)



## Emissions Estimation Tools

Find the right air emissions estimation tools for your facility.

[Estimate Now >](#)



## Energy-Efficient Equipment and Safety Products

Uncover energy-efficient facility maintenance tools, heating and cooling equipment, PPE, and more.

[Shop Now >](#)



## Air and Gas Monitoring Systems

Find testing systems to help measure and track emissions and air quality.

[Shop Now >](#)



## Emissions Overview and Calculation

Discover the best methods to measure Scope 1 and 2 emissions.

[Calculate Now >](#)

Distributed by Fisher Scientific. Contact us today:

**In the United States**

Order online: [fishersci.com](https://fishersci.com)

Call customer service: 1-800-766-7000

 **fisher scientific**  
part of Thermo Fisher Scientific

© 2023 Thermo Fisher Scientific Inc. All rights reserved.  
Trademarks used are owned as indicated at [fishersci.com/trademarks](https://fishersci.com/trademarks).

23-842-2503 KS 9/23 BN236971125-US