Science and technology are key to a more sustainable future. However, research labs can be resource- and energy-intensive, with changes being made to a mix of water and energy, so it can be challenging to reduce this without affecting operations. Additionally, the sourcing, transportation, and disposal of specialized analytical equipment and consumables also have an environmental footprint. Even so, a recent survey* shows the future is bright, with many labs already taking steps to become more sustainable.

82% of labs surveyed have already adopted and are using sustainability metrics to help achieve their goals. 72% mentioned that the most common reason for being positive around sustainability was improved efficiency of the lab. 67% stated that the most common reason for being positive around sustainability was improved efficiency of the lab. 65% said they will focus on energy efficiency.

**Key findings:**
- 85% are working to reduce their carbon and global greenhouse gas emissions.
- 68% are working to reduce water and energy consumption.
- 60% are working to reduce waste and hazardous waste stream emissions.
- 59% said they will focus on energy efficiency.
- 58% of labs have already adopted and are using sustainability metrics to help achieve their goals.
- 57% are working to reduce their carbon and global greenhouse gas emissions.
- 56% want to reduce waste generation.
- 53% are working to reduce waste generation.
- 51% said they will focus on energy efficiency.
- 40% are working to reduce waste generation.
- 36% do not believe that they have had medium to high levels of success in meeting their sustainability goals.
- 34% are working to improve lab efficiency and resource utilization.
- 32% are working to improve lab efficiency and resource utilization.
- 27% are working to improve lab efficiency and resource utilization.
- 12% are working to improve lab efficiency and resource utilization.
- 7% are working to improve lab efficiency and resource utilization.

**Actions labs are already taking to reduce their environmental footprint:**
- Areas that labs have not yet fully addressed in their bid to reduce their environmental footprint
- Benefits labs see to being more environmentally conscious
- Although willing to significantly reduce their environmental footprint, some barriers remain
- Reduction is a key action that labs are planning to take to improve their sustainability efforts
- Labs that know they cannot fulfill their sustainability ambitions alone

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**Reduction is a key action that labs are planning to take to improve their sustainability efforts:**
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**Labs that know they cannot fulfill their sustainability ambitions alone:**
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**Labs around the world are waking up to the massive environmental impact of research, but gaps remain in how to turn commitments and high-level goals into action.**

“Labs are passionate about protecting the environment, but sometimes they are challenged by limited resources and high-level goals into action. Tools like My Green Lab Certification and AGC help turn aspirations into action in labs and lab supply chains.”

— James Connolly, CEO at My Green Lab

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**Survey Methodology:**
The lab sustainability survey was commissioned by Agilent and conducted by Frost & Sullivan. The survey included 500 online survey interviews conducted with managers in analytical laboratories in China, Germany, United Kingdom, and the United States.

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