

LIFE SCIENCES

Insights

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Environmental Sustainability

An Emerging Imperative And Core Strategy For The Life Sciences

- ✓ TACKLING CLIMATE CHANGE
- ✓ REDUCING WASTE
- ✓ ENVIRONMENTAL JUSTICE
- ✓ SUPPLY CHAIN INNOVATIONS

INSIDE



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Sutro Biopharma's Ambitious Climate Targets

Submitted by Lester Cacao, H&S leader, Sutro Biopharma

- Many life sciences companies are calculating the average target by sector which was done by averaging the percentage of the reduction target and averaging the timeframe between the base year and the target year. Based on an average of 32 companies, the pharmaceutical and biotechnology sector has committed to reducing 45.8% of emissions in 12 years, according to the Carbon Majors Database Report 2017. That is more ambitious than the average of all companies. At Sutro Biopharma, we have begun the assessment process to develop an understanding of achievable climate target goals for our Company.

Investing In Sustainability

Though our Green Business Certification, Sutro has invested in the following:

- Reusable mugs/thermos, utensils, dishware
- Replaced all copy paper, toilet paper, bathroom/ kitchen paper towels with FSC Certified with at least 30% post-consumer waste recycled content
- For janitorial supplies, we use certified non-toxic cleaning and building maintenance products and in non-aerosol containers such as Green Seal certified, Environmental Working Group with an 'A' or 'B' rating, US EPA Safer Choice, SF Approved, EcoLogo



- Replaced all individual trash bins with centralized receptacles for bottles, paper recycling, and trash
- Invested in coffee machines that don't require single-use pods made from aluminum or plastic
- Sutro has started reaching out to suppliers to determine operationally specific emission factors which will provide better insight into their company's carbon footprint related to supply chain, usage, and disposal

Achievements So Far

California Green Business Network recognizes Sutro's commitment to integrating sustainable practices into our operations, saving money, and improving the health of our employees and customers. By taking these simple steps, we made a big impact on the environment and lead the way as a certified Green Business in California. We have achieved Green Business Certification for our South San Francisco,



CA headquarters location on April 4, 2023, and are in process of achieving certification for our manufacturing location in San Carlos, CA.

Overcoming Challenges

Since 2021, Sutro Biopharma Headquarters and R&D operation occupy a five-story green building (Silver LEED Certified) which achieved outcomes of energy efficient design, water use reduction, sustainable site selection and development, responsible materials selection, waste management, and enhanced indoor environmental quality. This created a culture of change that allowed us to achieve Green Business Certification quicker at the SSF location. The challenge is achieving certification at the San Carlos location as quick as the SSF location but with older non-LEED certified buildings.

Areas For Improvement

There is a need to improve data management, share effective initiatives, champion successes across departments, and embrace cross-sector collaboration to achieve the common goal of reducing the environmental footprint of Sutro Biopharma. For Sutro Biopharma and our stakeholders, minimizing energy use, waste generation, and use of finite natural resources brings many pressing challenges, but also many opportunities to positively realign our mission and purpose to serve patients and contribute to the global society while enhancing reputation and resilience.

Our Work To Mitigate Climate Change

We have an important role to play in mitigating climate change. Here are some key areas where we have begun to focus increased efforts:

- **Promote** and implement sustainable practices within your organization. Encourage the use of energy-efficient equipment and processes throughout the organization
- **Develop** and implement effective waste management strategies. Encourage recycling, waste reduction, and proper disposal of hazardous materials
- **Collaborate** with suppliers and vendors to ensure sustainability standards are met throughout the supply chain
- **Encourage** water conservation practices among employees and raise awareness about the importance of water stewardship
- **Support** and invest in research and development initiatives focused on climate-friendly technologies and practices
- **Advocate** for stricter environmental standards where appropriate and actively participate in industry initiatives to address climate change
- **Engage** employees at all levels of the organization in sustainability efforts
- **Participate** in sustainability reporting frameworks to demonstrate your commitment to climate change mitigation

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By fulfilling these responsibilities and taking proactive measures, we can make a significant impact on mitigating climate change and driving environmental sustainability within Sutro Biopharma. ■

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About California Life Sciences (CLS)

California Life Sciences (CLS) is the state's most influential and impactful life sciences membership organization, advocating for the sector and its diverse innovation pipeline. For more than 30 years, CLS has served the community by supporting companies of all sizes, from early-stage innovators and startups to established industry leaders in the fields of biotechnology, pharmaceuticals, and medical technology. As integral components of a healthy and collaborative ecosystem, CLS also works closely with universities, academic and research institutions, the investment community, and other critical partners that promote this vibrant sector. With offices in South San Francisco, San Diego, Sacramento, Los Angeles, and Washington DC, CLS works to shape public policy, improve access to breakthrough technologies, educate lawmakers, and advance equity within our ecosystem by championing innovative solutions for some of the most pressing challenges of our times. In doing so, CLS fulfills its mission to protect and nurture California's life sciences industry, empowering discoveries that lead to healthier lives around the world. Visit CLS at www.califesciences.org, and follow us on Twitter @CALifeSciences, Facebook, LinkedIn and YouTube.

