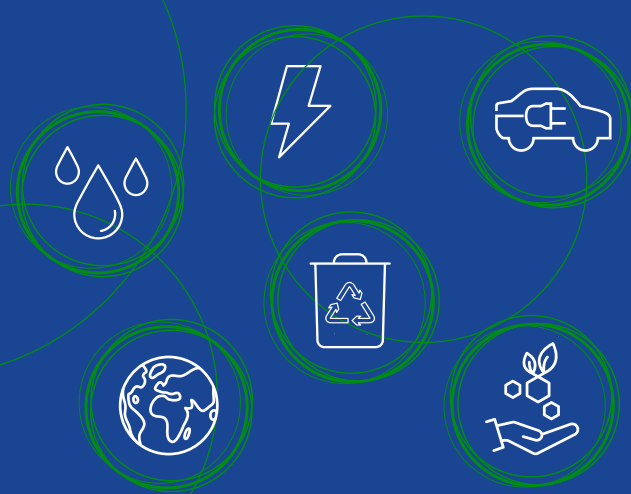


# ENVIRONMENTAL SUSTAINABILITY AT GENENTECH

At Genentech, we apply the same science-based approach to environmental sustainability as we do to creating medicines for people with serious illnesses. The advances we make every day to reduce our footprint, the bold risks we take in testing new technologies, and even the setbacks we encounter, all build toward a positive impact on the resources we use and the spaces where we work.



In 2015, we launched a new set of sustainability goals for our South San Francisco campus on the heels of our achievements during the previous five years. These goals, which were to be achieved by the end of 2020 relative to our 2010 performance, reflected an evolution in our approach – more fully capturing our environmental footprint and aligning with science-based models for goal setting. The four areas of focus were: Energy, Transportation, Water and Waste. This factsheet describes how we did in each of these goal focus areas from 2010 to 2020.

## 2010-2020 GOALS



**ENERGY**

↓ **30%**



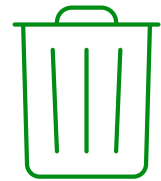
**TRANSPORTATION**

↓ **20%**



**WATER**

↓ **10%**



**WASTE**

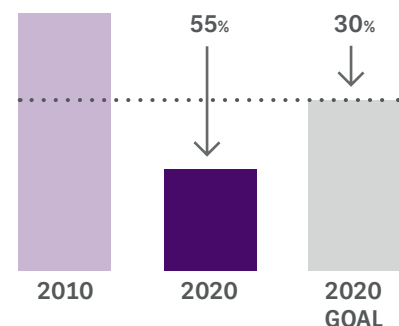
↓ **80%**



## ENERGY

By 2020, our goal was to reduce CO<sub>2</sub> emissions from onsite energy use by **30%** compared to 2010. This goal was set in alignment with the significant reductions that climate scientists indicate are necessary to limit the adverse impacts of climate change. We met this goal in 2018, two years early, and continued to achieve reductions through 2020 when our CO<sub>2</sub> emissions were **55%** below 2010 levels. These reductions resulted from a sustained focus on energy conservation, an onsite solar installation that is one of the largest in the Bay Area and an increase in our purchases of clean energy. In 2020, **82%** of the electricity we used was generated from renewable, zero carbon sources including solar, wind, and hydropower.

### REDUCTION IN CO<sub>2</sub> EMISSIONS FROM ONSITE ENERGY USE

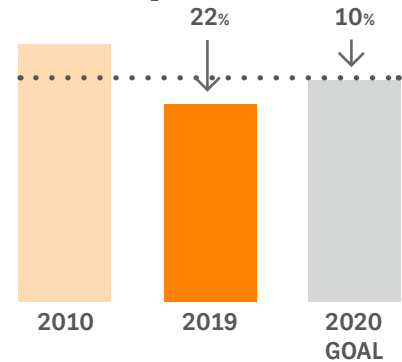




## TRANSPORTATION

Our 2020 goal was to reduce CO<sub>2</sub> emissions from transportation activities by **10%**. At Genentech, transportation activities include commuting, air travel and our commercial sales fleet. In 2015 we met this goal 5 years early due to significant reductions in air travel and fleet emissions and have exceeded our goal each year since. The global pandemic experienced through most of 2020 resulted in a drastic reduction in our transportation impacts across all three of these categories. However, as these reductions were the result of factors outside of our influence, we decided to consider 2019 the final year for our transportation goal. In 2019, emissions from transportation activities were **22%** lower than in 2010, well exceeding our **10%** goal. We are implementing a range of initiatives designed to reduce our transportation impacts, such as adding electric buses to our gRide commute program, fleet fuel efficiency improvements and raising employee awareness and engagement to reduce air travel impacts.

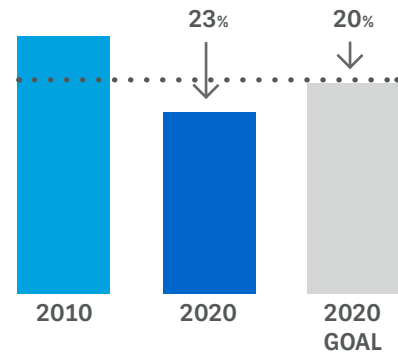
REDUCTION IN TRANSPORTATION CO<sub>2</sub> EMISSIONS



## WATER

At our South San Francisco headquarters, manufacturing is the biggest contributor to our total water use. By 2020, our goal was to reduce total water use by **20%** compared to 2010. In 2020 we used 75 million gallons less than in 2010, a **23%** reduction, thanks to efforts to use water more efficiently and to internally recycle water. Water saving initiatives including internal treatment and direct reuse of reverse osmosis reject water in our cooling towers and boilers, greywater reuse, upgrading of equipment, drought-tolerant landscaping and irrigation reduction measures.

REDUCTION IN POTABLE WATER USE



## WASTE

By 2020, our goal was to achieve an **80%** reduction in waste to landfill per employee compared to 2010. Despite a significant shift in the international plastics recycling market, in 2019 we had succeeded in reducing waste to landfill per employee by almost 60% since 2010. In 2020, we saw an additional **40%** reduction in landfill (77% per employee from 2010). This was partly driven by the pandemic and a reduced onsite headcount beyond the company's control. Therefore, we consider 2019 our final year for this goal. Although we missed our ambitious target, we are still proud of the progress that was made. In 2020, we saw incredible engagement around waste reduction from the individuals that were still onsite, particularly around plastic waste reduction. Efforts from our passionate employees resulted in the establishment of a rigid plastic container reuse program that has the potential to divert up to 30 metric tons of plastic materials away from recycling and into direct reuse annually.

REDUCTION IN WASTE TO LANDFILL PER EMPLOYEE

