

2016 REGENERATIVE PROJECTS & IMPACTS

Fetzer Vineyards

AT A GLANCE

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ST FETZER VINEYARDS FIRSTS

- U.S. wine company to operate on **100% renewable energy** - 1999
- Winery to publicly report and verify greenhouse gas emissions with *The Climate Registry* - 2005
- Recipient of *Governor's Enhanced Environmental and Economic Leadership Award* - 2008
- Winery **certified Zero Waste** by the *U.S. Zero Waste Business Council* - 2014
- U.S. winery invited to present at the United Nations' *Paris Climate Talks* - 2015
- U.S. winery certified **CarbonNeutral®** by *Natural Capital Partners* - 2016

BIOFILTRO BIDA® WASTEWATER SYSTEM INTRODUCTION

This year, we're installing a natural, regenerative wastewater treatment process that uses worms and microbes to naturally remove **99% of contaminants** from our water.

ANNUAL RESULTS

Natural regeneration of some **15 MILLION GALLONS** of water

Sustainable reduction in energy use of nearly **1 MILLION KILOWATT HOURS**

Natural production of up to **750 CUBIC YARDS** of soil-enriching worm castings

WHY IS THIS IMPORTANT?

15%–35%

of water withdrawals for agriculture are considered unsustainable. The pressure is on to dramatically reduce water footprints.

CARBONNEUTRAL® CERTIFICATION

In 2016, we took **accountability for our remaining greenhouse gas emissions** by supporting pacesetter offset projects around the world, becoming the first U.S. winery certified CarbonNeutral by Natural Capital Partners. This brings our net Scope 1-3 emissions, as defined by the Carbon Neutral Protocol, to zero.

WHY IS THIS IMPORTANT?

Scientific consensus holds that carbon emissions must be reduced

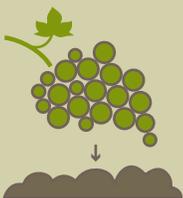
80% BY 2050

to avoid a temperature rise of

MORE THAN 2°C



ZERO WASTE PRACTICES CONTINUE



In 2015, Fetzer Vineyards diverted **99.1%**, or about 3,322 tons, of its waste by recycling, reusing and composting. **1,671 tons** of grape skins, stems and seeds from the winemaking process were then reintroduced into our vineyards.

KEY REGENERATIVE GOALS

- 15% Hopland campus water reduction
- 100% Sustainable Growers by 2020
- Net Positive by 2030

WHY IS THIS IMPORTANT?



The average American generates **4.4 pounds** of garbage per day, and recycles or composts just **34.4%**

That's **343 billion pounds** of trash generated each year in the U.S., the equivalent weight of



31 million elephants.