

# THE ALCHEMIST BREWERY

A PURE MADNESS GROUP BREWERY

## Vermont

The Alchemist is committed to leveraging our solar-powered brewery to create quality unfiltered IPAs while prioritizing sustainability, inclusivity, and community impact as a Certified B Corp.

### AT A GLANCE

#### Overview

- Goal-Capturing CO<sub>2</sub>, advancing sustainability
- Two CiCi Oak units
- Stowe and Waterbury, Vermont

#### Install

- Install date
  - ◊ August 2021 (Stowe)
  - ◊ April 2022 (Waterbury)
- Install time - 1 week

## Carbon Capture Case Study



**ENVIRONMENT**  
Following national trend, Vermont brewery turns carbon emissions into beer bubbles

By Emma Cotton  
October 13, 2021, 9:00 am

### BACKGROUND

- Supply of CO<sub>2</sub> challenged in rural Vermont
- Reduce waste and greenhouse gas emissions to align
- With sustainability goals
- Reduce price volatility risk
- Advance B Corp goals of continuous improvement
- Use natural ingredient, CO<sub>2</sub> byproduct in beer

### RESULTS

- Recovering CO<sub>2</sub> emissions, reusing waste every week
- Use CO<sub>2</sub> weekly to carb beer/purge, estimate 1.8 M cans of CO<sub>2</sub> (Stowe Facility)
- Team adopting technology and use
- Reducing CO<sub>2</sub> costs per BBL produced
- Advancing B Corp mission
- Differentiating product in Vermont market

### QUOTE FROM OUR CLIENT

The reality is that climate change is happening and it's affecting every part of the world and by reducing our contribution to climate change we are ensuring a better future for our industry."

Joel Hartman  
*The Alchemist*

