



# London Universities Purchasing Consortium Impact Report

DECEMBER 2024



# CONTENTS

2 Impact Claims

3 Your Portfolio

4 Dutch Methane Recovery  
Project





5 Carbon Cure

6 Carbon Credit Certificates

# IMPACT CLAIMS

By using these carbon credits, you have contributed to 76 tonnes of carbon dioxide removal and reduction.

That's equivalent to:

-  **34 cars on petrol/diesel driving for one year in the UK**  
Average of 6,600 miles, based on data from UK Office of National Statistics & the UK Greenhouse Gas Emission Conversion Factors.
-  **124 EVs driving for one year in the UK**  
Average of 6,600 miles, based on data from UK Office of National Statistics & the UK Greenhouse Gas Emission Conversion Factors.
-  **3,201 train journeys between London and Edinburgh.**  
Based on data from 2023 UK Greenhouse Gas Emission Conversion Factors
-  **384 economy flights from London to Berlin.**  
Based on flight data collected from MyClimate's flight calculator.



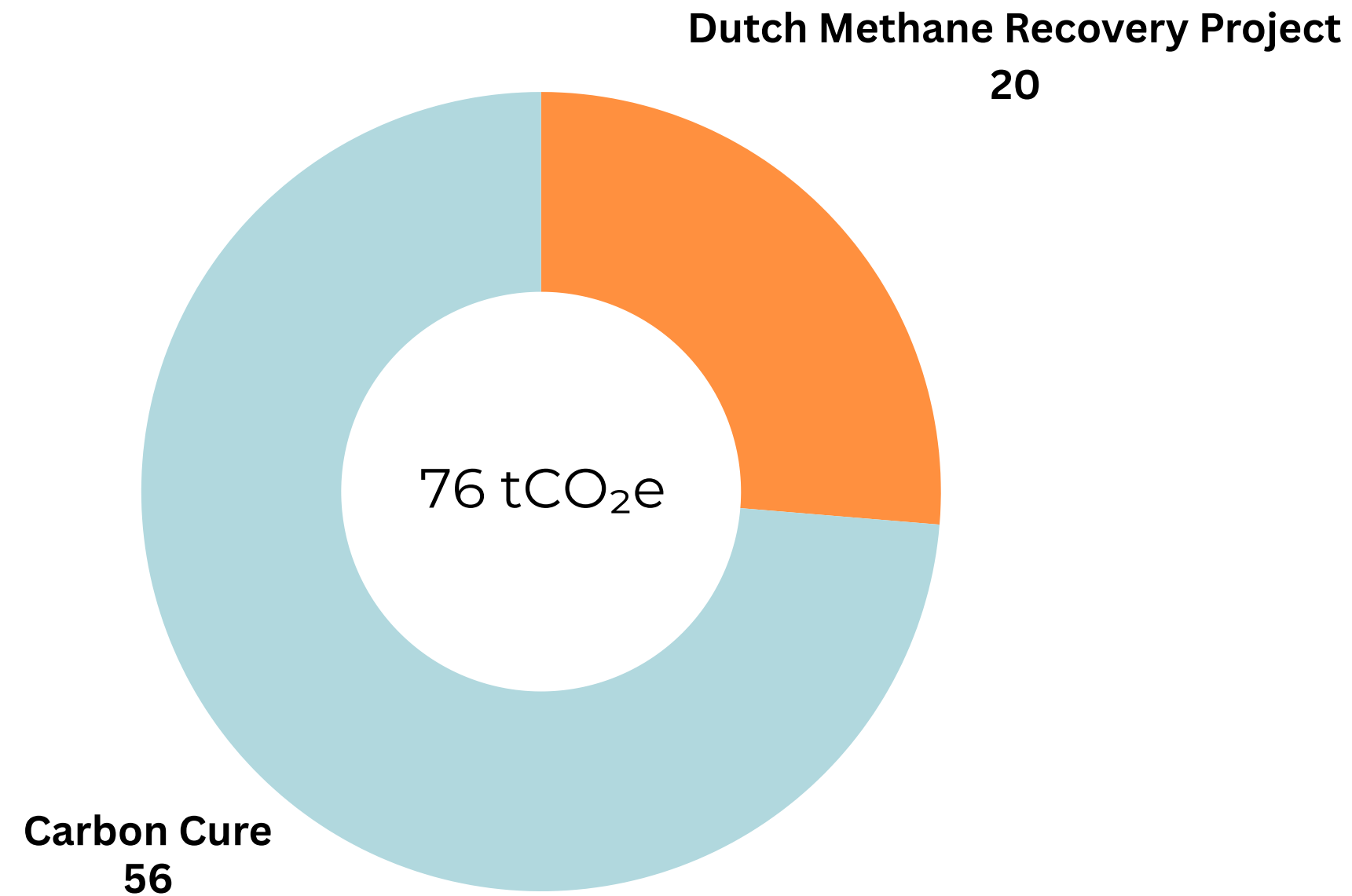
# YOUR PORTFOLIO

## **DUTCH METHANE RECOVERY PROJECT**

20 carbon credits  
(Slide 5)

## **CARBON CURE**

56 carbon credits  
(Slide 6)



# DUTCH METHANE RECOVERY PROJECT

The Dutch Methane Recovery project aims to mitigate the environmental impact of livestock farming by capturing methane emissions from manure. Three Dutch farms are working closely together to implement an enhanced manure management process that captures and converts methane into renewable energy (biogas). By doing so, the project not only reduces greenhouse gas emissions but also generates thermal energy for own farming operations. The project is a prime example of sustainable agriculture practices and demonstrates how farmers can play a significant role in mitigating climate change within their industry.

- Project Climate Objectives:

- Avoiding greenhouse gas emissions by capturing and utilizing methane from manure.
- Making farm operations more sustainable such as by providing stable heating via a thermal energy system.
- Improve air quality in the region from enhanced manure management.



# CARBONCURE

CarbonCure's suite of technologies inject captured CO<sub>2</sub> into fresh concrete during manufacturing, where it reacts with cement to transform into a mineral that in turn protects the concrete's strength. This mineralisation also enables reductions of carbon-intensive cement in each truckload. Even if the concrete is demolished, the mineralised CO<sub>2</sub> stays permanently locked away for 1000+ years, never to leak or return to the atmosphere. CarbonCure reduces an average 15-25 lb of CO<sub>2</sub> per cubic yard (7-11 kg per m<sup>3</sup>) of ready mix concrete. CarbonCure works with hundreds of concrete producers around the world to put CO<sub>2</sub> to work by injecting it into concrete, achieving both permanent CO<sub>2</sub> removals and emissions reductions

## Project Climate Objectives:

- Permanently sequester CO<sub>2</sub> from the atmosphere and store it for 1000+ years.
- Put CO<sub>2</sub> to use and scale the decarbonization of the concrete industry.
- Offers benefits in line with UN Sustainable Development Goals, including water savings, community impact, and sustainable industrialisation.



# RETIREMENT CERTIFICATE – DUTCH METHANE RECOVERY PROJECT



## Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 21 Nov 2024, 20 Verified Carbon Units (VCUs) were retired on behalf of:

London Universities Purchasing Consortium (LUPC)

### Project Name

Methane Recovery Project Aben, Wanroij, North Brabant, The Netherlands

### VCU Serial Number

15139-657735001-657735020-VCS-VCU-290-VER-NL-1-335-01012018-31122018-0

### Additional Certifications

# RETIREMENT CERTIFICATE - CARBONCURE



## Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 21 Nov 2024, 56 Verified Carbon Units (VCUs) were retired on behalf of:

London Universities Purchasing Consortium (LUPC)

**Project Name**

CO2 UTILIZATION IN CONCRETE - Removals & Reductions - CarbonCure - U.S. Project #1

**VCU Serial Number**

14960-635031322-635031377-VCS-VCU-466-VER-US-6-3207-01012020-31122020-0

**Additional Certifications**



# CONTACT US

The first step on your journey to net-zero is to get in touch so we can assess your current impact...

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