



Meet our  
finalist teams!



# CLIMATE CHALLENGE FINAL EVENT

Thursday 14 March, 2-7pm

WYNG Gardens Conference Room, Trinity Hall



THE  
**CLIMATE  
CHALLENGE**

CAMBRIDGE  
ZERO<sub>2</sub>

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UNIVERSITY OF  
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# MenstruVive

MenstruVive revolutionizes menstrual waste management by introducing a cutting-edge recycling solution that transforms used pads into eco-friendly products, all while empowering women and nurturing a sustainable future.



## TEAM MEMBERS:

- Parul Chugh - MPhil  
Bioscience Enterprise,  
Lucy Cavendish  
College
- Nga Chan - MPhil  
Bioscience Enterprise,  
Queens' College



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# Reimagining green chemistry with cancer genetics

Chemical manufacturing relies heavily on processing petrochemicals, which leads to toxic by-products and greenhouse gas emissions. We've pioneered a solution that leverages cancer genomic data to design enzymes tailored for green chemical manufacturing without petrochemicals.

## TEAM MEMBERS:

- Kevin Tu - MPhil Medical Science (Cancer Research UK), Churchill College
- Karen Copeland - MPhil Public Policy, Churchill College
- Tyler Colenbrander - MPhil Physics, Churchill College



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Revolutionizing climate finance, our platform connects investors and cooperations with grassroots initiatives for carbon offsetting. We provide technology, AI tools and transparent data to catalyze impactful investments, fostering a participatory approach to Carbon Zero goals.

## TEAM MEMBERS:

- Ruby Haji Naif - PhD Faculty of Asian and Middle Eastern Studies, Lucy Cavendish College
- Noha Berrada - MBA, Lucy Cavendish College





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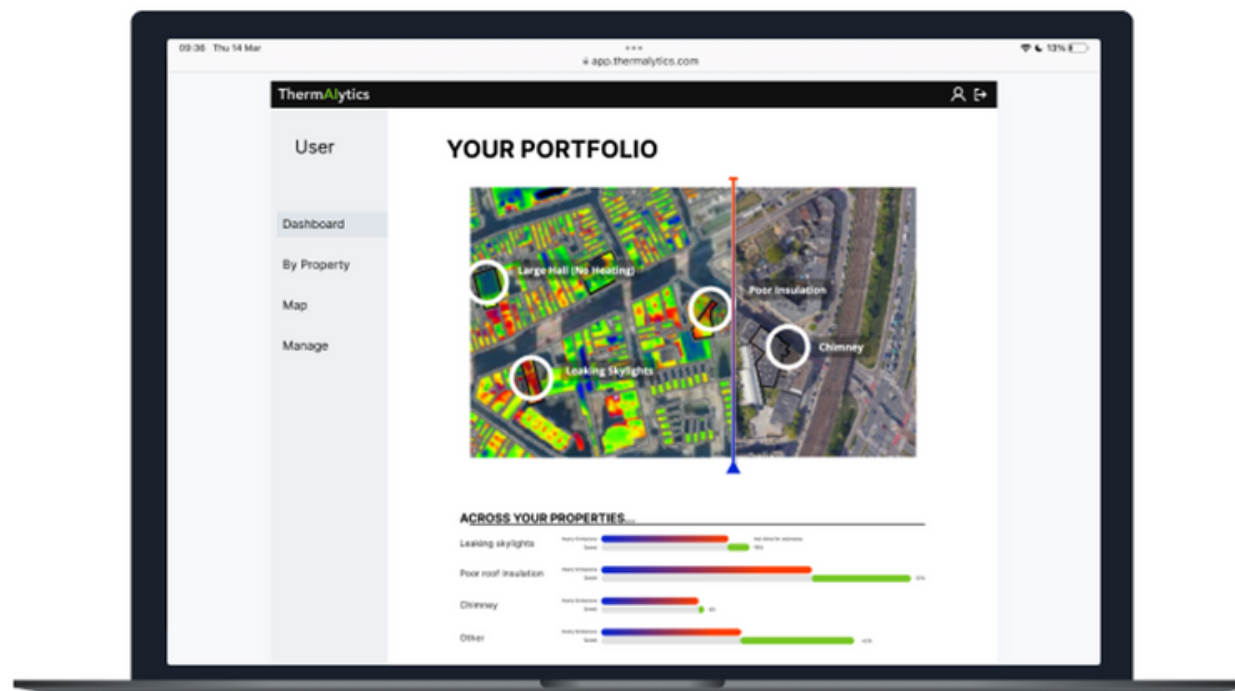
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# ThermAlytics

The smart all-in-one **climate platform** to help  
measure, report and **reduce heat loss** in your real estate portfolio



## TEAM MEMBERS:

- Guillaume Bigot - MPhil Technology Policy, Darwin College
- Camilla Giulia Billari - MRes AI4ER CDT, Darwin College
- Aline Van Driessche - MRes AI4ER CDT, Wolfson College



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terracotta.

Data center cooling

Terracotta Cooling leverages technology and materials indigenous to equatorial climates to slash energy usage by up to 30% and eliminate consumptive water usage in data centers. It tackles the fundamental mismatch between data center designs originating in the Global North and the rapid expansion outside this geography in pursuit of lower costs.

## TEAM MEMBERS:

- Jerrell Ong - MPhil Engineering for Sustainable Development, Lucy Cavendish College
- Eric Tay - Hybrid Capital Associate, Goldman Sachs
- Sebastian Lindner-Liaw - MPhil Engineering for Sustainable Development, St Edmunds College



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# ECOINSIGHT

## EcoInsight: Making Biodiversity the Heart of Development

### TEAM MEMBERS:

- Nina Baranduin - AI4ER CDT, Clare College
- Pritthijit Nath - AI4ER CDT, Lucy Cavendish College



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# Seeds of Resilience

Planting the roots of resilience in seed diversity conservation and agrifood systems mindsets through interactive gameplay. Empowering people and communities, nurturing sustainable farming, and building a lasting and enduring future.

## TEAM MEMBERS:

- Nima Tavasoli Roudsari - MPhil Architecture and Urban Studies Graduate
- Pei Jiang - PhD Geography, Gonville and Caius College







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**ZeroC**

A SaaS based AI solution for SMEs that offers activity based GHG reporting, reducing 90% of manual effort.

## **TEAM MEMBERS:**

- Manjari Gupta - MSt Entrepreneurship, Lucy Cavendish College
- Prakash Gupta