

A university led green  
business - innovation  
network

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Clean  
Growth<sup>UK</sup>



# Who we are



- Clean Growth UK is a national green business-innovation network led by the University of Brighton
- We provide services to help our 2,300+ members innovate, grow and reduce environmental impact
- The network catalyses clean and green business innovation through access to university expertise and facilities



# Our services

- **Net Zero for SMEs** - *coming soon* - Carbon accounting tool + Workshops + Wrap around support. SME friendly, addresses scopes 1, 2 and 3.
- **Innovation** - Support to develop green products + services linking to university expertise + facilities
- **Commercialisation** - Clean Growth fast track to accelerate market deployment. Workshops + coaching
- **Funding** - support to identify and access funding and investment
- [LoCASE grants](#) - up to £10k - for energy efficiency, innovation and growth

# Knowledge Transfer Partnerships

- Receive up to 67% funding for a strategic project leading to growth in sales, profitability or productivity
- University of Brighton has 100% success rate in accessing KTP funding
- KTPs eligible for R&D tax credits
- Access university expertise, specialist equipment and facilities
- Access qualified graduate to lead the project
- Technical KTPs or Management KTPs, enabling management capability and enhance business performance
- New knowledge and expanded capability as a result of embedded expertise
- Competitive advantage through accelerated innovation



# Expertise



- ✓ Engineering
- ✓ Biomaterials
- ✓ Ecology
- ✓ Microbiology

- ✓ Water use and treatment
- ✓ Built environment
- ✓ Thermal engineering
- ✓ Data and cyber security

- ✓ Digital innovation and AI
- ✓ Statistical modelling
- ✓ Business innovation
- ✓ Energy conservation



- ✓ Market analysis
- ✓ Energy engineering and efficiency
- ✓ Environmental monitoring
- ✓ Enzyme engineering

- ✓ Water
- ✓ Materials design and testing
- ✓ Plant automation and predictive maintenance
- ✓ Satellite applications for clean growth
- ✓ Software development

- ✓ Sustainable construction
- ✓ Transport
- ✓ Data science and aAI
- ✓ Virtual and augmented reality applications



- ✓ Chemicals
- ✓ Manufacturing
- ✓ Electronics
- ✓ Engineering

- ✓ Maritime
- ✓ Environmental Science
- ✓ Built Environment



# Our impact

- **2,350** members
- **400** innovation/R&D projects
- **£25m** value of innovation/R&D projects
- **260+** products and services
- **720+** jobs



“We could not have moved forward this quickly without the branding and grant application support”

*Florence Miremadi-Nafici, Founder, NER*

# Case studies - Lankelma



- Lankelma works in the pre-construction sector and wanted to embed sustainability into the heart of their business
- **LoCASE grant** - enabled them to install solar panels on their buildings
- Support to access a carbon footprint audit and make contacts in the wind power industry
- **Knowledge Transfer Partnership** - £400k+ business transformation project with advanced engineering centre focused on electronic engineering and digital tools to revolutionise the way Lankelma works and open up opportunities



“Incredibly rewarding both from a financial perspective and our own peace of mind, as the impact we have on our local area is important to us. We want to be seen as forward thinking. We offer a technologically advanced product. So to have that running through the business with EVs helps with our reputation”  
*Chris Dimelow, General Manager*



# Medisort

Medisort collects, processes and disposes of healthcare waste in the southeast of England, including single use instruments, sharps, medicinal waste and absorbent hygiene products.

They took part in a Knowledge Transfer Partnership project with our South East hub, the University of Brighton, to develop a way to recover and recycle materials from waste nappies. The two-year project enabled them to work with academics in the School of Pharmacy and Biomolecular Sciences.

“Engagement with the KTP has set a foundation, from which we will build a more scientific basis for quality control and product development. The contacts made and disciplines learnt will stay with us forever.”

*Stuart Brittle, Managing Director, Medisort*





# OSET Bikes

OSET Bikes is the world leader in the design and manufacture of electric trials and motocross motorcycles.

The company worked with the University of Brighton as part of a Knowledge Transfer Partnership. The project helped the business develop its design capabilities, and resulted in the development of innovative electronic interfaces for the bikes.

"New products are the lifeblood of OSET, and the market can be very fast moving. This KTP project has brought testing and design protocols in-house, streamlined the development process and added value and science that was missing before. It has given us an edge allowing us to retain our number one position in our market."

*Ian Smith, Chief Executive, OSET*



# University expertise - heat networks

- [Advanced Engineering Centre](#)
- Research areas: Transport, Energy, Future Manufacturing, Mathematical and Physical Science
- Energy research includes:
  - Biomethane supply chain and refining
  - Thermal management of industrial, vehicle and space components
  - Heat pipes and other two-phase thermal systems
  - Waste heat recovery, including organic Rankine cycle



“The support that we are receiving from Liverpool John Moores University is critical because sustainability is at the heart of our expansion but the R&D is far beyond our expertise, they have been brilliant in helping us find where science meets commercial needs.”

*Ged MacDomhnaill, Managing Director, Climbing Hangar:*

# Questions and contact

- Any questions just let me know
- Contact:

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