



**UNIVERSITY OF
CAMBRIDGE**
INSTITUTE FOR
SUSTAINABILITY LEADERSHIP



IDBE
Masters Programme



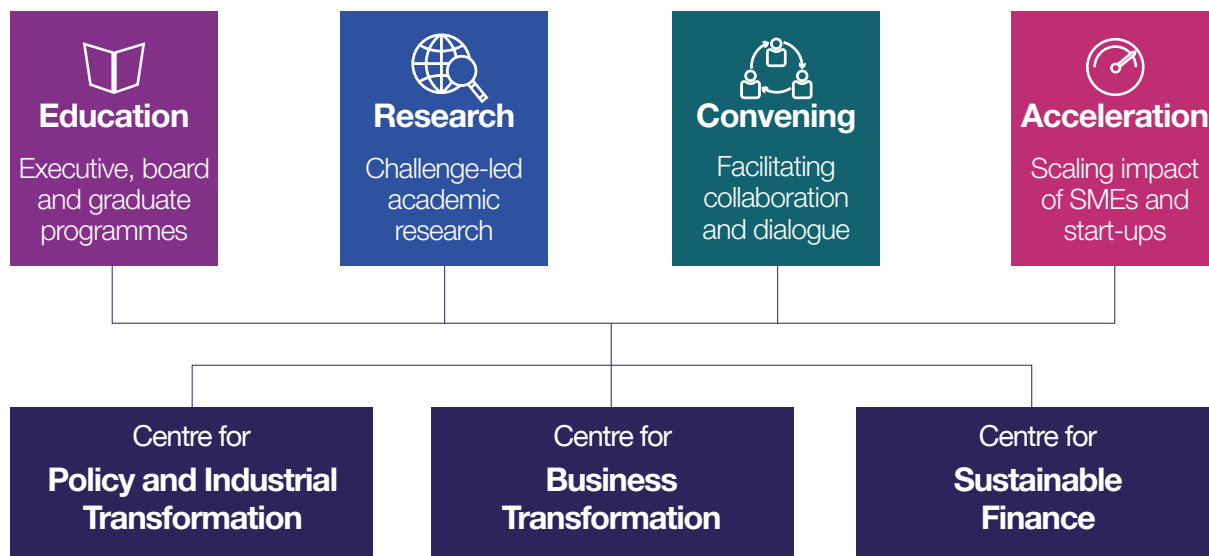
Sustainability Leadership for the Built Environment

(IDBE)

**Master's and Postgraduate
Certificate**

The Cambridge University Institute for Sustainability Leadership

The University of Cambridge Institute for Sustainability Leadership (CISL) is a globally influential Institute developing leadership and solutions for a sustainable economy. We believe the economy can be 'rewired', through focused collaboration between business, government and finance institutions, to deliver positive outcomes for people and environment. For over three decades we have built the leadership capacity and capabilities of individuals and organisations, and created industry-leading collaborations, to catalyse change and accelerate the path to a sustainable economy. Our practitioner orientated research builds the evidence base for action.



Leadership Groups

- **Corporate Leaders Groups** on climate change
- **Banking Environment Initiative**
- **Investment Leaders Group**
- **ClimateWise** for the insurance sector
- **Natural Capital Impact Group**

Patron

HRH The Prince of Wales

Network

9,000 alumni and network members
250+ major clients annually

Advisory services

Guiding strategy for a sustainable transition

Offices

Cambridge, Cape Town and Brussels


Introduction

The world is more volatile, complex and uncertain than ever before. The decisions we make today will be shaped by a global context that includes climate change, new technology, resource scarcity and changing social needs, among other mega trends.

Our built environment has the potential to address these issues and deliver the future we want through its lasting effect on buildings, infrastructure and the environment.

This can only be achieved through collaborative working practices across all disciplines. From project planning and financing to design, construction and management.

Through the Sustainability Leadership for the Built Environment (IDBE) programmes, we develop leaders who can: understand the key challenges facing the industry and society; use their communication and team working skills to enable positive collaboration; and utilise their design skills to help shape desirable, resilient and future-fit projects.



Our hope and expectation is that it will be possible to deliver our graduate courses starting in 2021 with the usual in-person workshops; however the COVID-19 pandemic situation remains uncertain and there might be further 'waves' and/or international travel restrictions. We will continue to follow University and government guidance and to monitor and respond to the changing public health situation. Our aim is to achieve the learning outcomes and offer a rich experience, even if in-person participation is not possible for all/some students. During 2020, we have worked with participants and tutors to develop new and creative ways to build peer networks and deepen learning across digital platforms, and have now established a successful track record of high-quality delivery under pandemic-imposed restrictions.

What makes the programme unique?

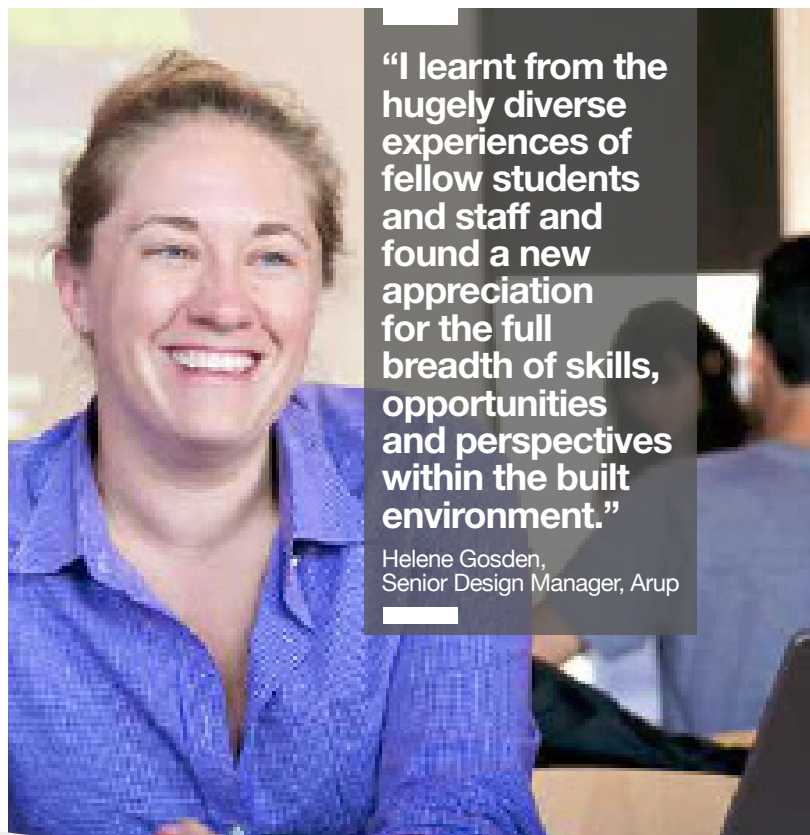
The University of Cambridge Sustainability Leadership for the Built Environment (IDBE) explores the importance of building knowledge and leadership skills to drive real change through multiple professions and disciplines working together.

The programme is offered part-time as a Master's or Postgraduate Certificate by the University of Cambridge Institute for Sustainability Leadership, in association with the Departments of Architecture and Engineering.

We teach global best practice through project-based learning, with a focus on collaboration and leadership throughout the course.

Students will:

- Gain a deeper understanding of the global challenges and opportunities of the built environment
- Learn about different systems and approaches from around the world – explored through real life case studies
- Broaden their perspectives and explore new ideas and approaches within a safe environment
- Develop leadership skills to help collaborate effectively and empower them to advocate for themselves, their team and their projects
- Join the CISL alumni Network and connect with leaders and practitioners from around the world



"I learnt from the hugely diverse experiences of fellow students and staff and found a new appreciation for the full breadth of skills, opportunities and perspectives within the built environment."

Helene Gosden,
Senior Design Manager, Arup

Who is the programme for?

Our programme is truly interdisciplinary, attracting students from around the globe and across the many diverse disciplines that contribute to our built environment.



Design

Architects, engineers, planners, urban designers, specialist consultants



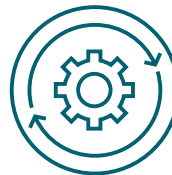
Finance, property and real estate

Real estate managers, asset managers, finance professionals, developers, surveyors



Construction

Project managers, contractors, supply chain managers, suppliers



Facilities management

Estate management, HSE, building services, operations

Professional institutions that accredit our built environment programme



Course format and modules

The Sustainability Leadership for the Built Environment (IDBE) programme is offered part-time as a two-year Master's (MSt) or a ten-month Postgraduate Certificate.

The courses are delivered through a blend of intensive residential workshop weeks in Cambridge, and online learning modules via a virtual learning environment. Master's students attend a total of six workshop weeks during the course of the programme. Postgraduate Certificate students attend the first two residential workshop weeks.

Postgraduate certificate and Master's students undertake two industry relevant individual assignments and a group project. For Master's students, in the second academic year, a research dissertation must be completed.

The programme is structured around five core modules which form the basis of the learning throughout.

- 1. Leadership, professionalism and interdisciplinary practice**
- 2. Sustainability & resilience**
- 3. Innovation & technology**
- 4. Design thinking**
- 5. Research skills**



Individually tailored learning

Each student is supported in developing their full potential in a specific field of interest.

Since there are no written exams, it is entirely up to students which themes and topics they choose to study in more depth, store for later use in their career, or just enjoy for the purpose of expanding their general knowledge. Research areas include, but are not limited to, the following:



Sustainability and resilience



Policy and regulation



Innovation and technology



Design and design practice



Infrastructure and transportation



Retrofit and conservation



Urbanism and urban design

“The course has challenged me to extend beyond my own field and knowledge. The valuable experiences are indeed motivated by each and every aspiring member within the team”

Keith Goh, Architect

Our faculty

The Sustainability Leadership for the Built Environment (IDBE) is delivered by a faculty of academic and industry tutors, professionals and practitioners.

Directors of Studies and dissertation supervisors are drawn from key departments within the University of Cambridge and offer expert academic support for individual written assignments. Students participate in lectures as well as dedicated 'supervisions' (the Cambridge word for tutorials).



Allan McRobie

Reader in Engineering,
Department of Engineering



Michael H. Ramage March, PhD

Senior Lecturer Department of Architecture,
Department of Architecture



Adrian Campbell

Associate Director,
Founder and Director, changebuilding



Dr Elisabete Silva

Senior Lecturer in Spatial Planning,
Department of Land Economy



Dr Jennifer Schooling

Director of the Centre for Smart Infrastructure,
Department of Engineering



Flexible virtual learning

In addition to the residential workshops, virtual learning is an important part of the programme experience, providing opportunities for students to learn from each other as they engage with the latest thinking, applied to critical built environment issues.

These include:

- Virtual tutorials and supervisions to support the assignments and dissertation process
- Content-based e-modules
- Working through preparatory documents, including prescribed readings, videos and audios, in advance of each workshop.

“We have sponsored almost 50 students over the 20 years of the course, many of whom are now in senior leadership positions. We value the broadening of thinking that the course demands of students, leading to an increased confidence in questioning and leading design decisions in the professional arena.”

Deb Thomas, Former Director, Arup



Applying for the programme

We need leadership and interdisciplinary teamwork to implement change and create a future-fit built environment. Are you ready for the challenge?

Applications for the 2021 Sustainability Leadership for the Built Environment (IDBE) Master's and Postgraduate Certificate are open from 2 September 2020.

Acceptance on to the programme is by application and selection only. Applications are reviewed on a rolling basis during the application period.

2021 course fees

Master's

The course fee is £11,000 per year (£22,000 in total) for Home/EU and overseas students.

Approximately 25 per cent of the fee covers membership of a Cambridge College, which provides a range of domestic and pastoral services. It excludes accommodation and subsistence costs; however students are offered the option of reasonably priced accommodation at their College.

Postgraduate Certificate

The course fee for the Postgraduate Certificate is £6,750 for Home/EU and overseas students. This includes accommodation for the two residential workshops in Cambridge, but not subsistence.

Entry requirements

- At least a 2:1 honours degree from a UK university or an equivalent standard from an overseas institution
- A minimum of three years' post-qualification professional experience in the built environment
- Good ability in written and spoken English language to the required University standard.

Residential workshop dates - 2021 intake

Master's

- Workshop 1: 12-18 September 2021
- Workshop 2: 12-18 December 2021
- Workshop 3: 27 March-02 April 2022
- Workshop 4: December 2022 (actual dates tbc)
- Workshop 5: March/April 2023 (actual dates tbc)
- Workshop 6: July 2023 (actual dates tbc)

Postgraduate Certificate

- Workshop 1: 12-18 September 2021
- Workshop 2: 12-18 December 2021

Find out more

For further information about the programme and the Cambridge Institute for Sustainability Leadership:



idbe@cisl.cam.ac.uk



+44 (0) 1223 768850



<https://www.cisl.cam.ac.uk/education/graduate-study/idbe>



<https://www.linkedin.com/groups/7486909>



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