

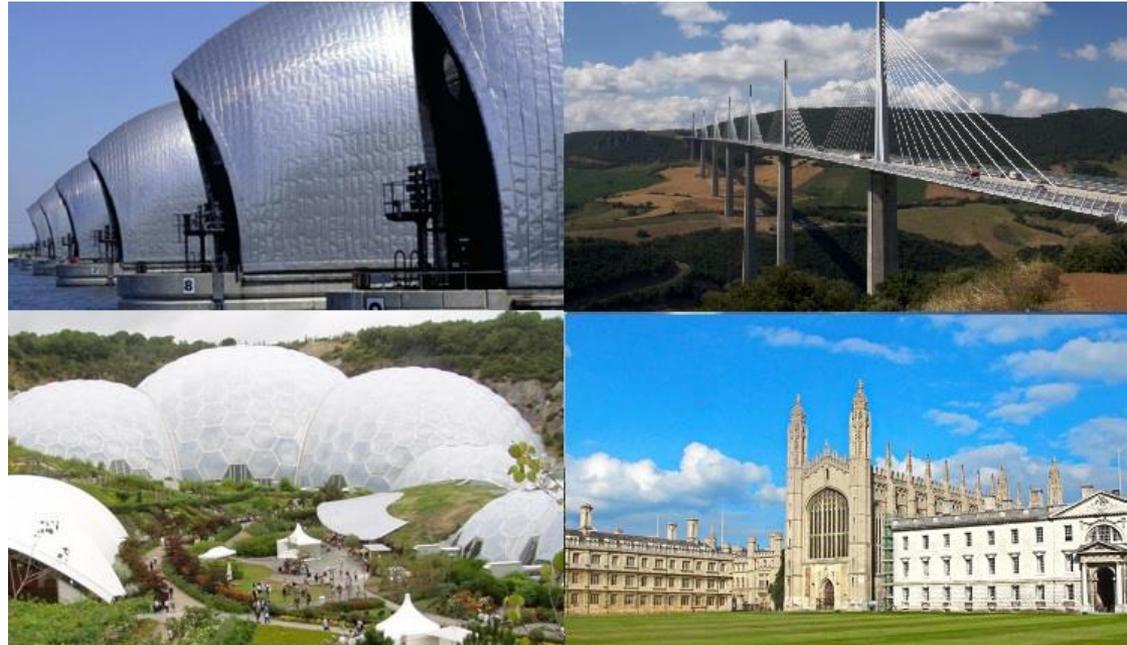
EPSRC Centre for Doctoral Training in Future Infrastructure and Built Environment: Resilience in a Changing World (FIBE2 CDT)

4 year PhD programme

MRes in year 1

5 cohorts of students (~10 per year)

Industry co-sponsored projects



About us

Our vision

- to lead the transformation in the resilience of our infrastructure
- to develop the infrastructure professionals of the future
- to conduct world-class, cutting-edge industry-relevant research
- recruit talented cohorts from diverse academic and social backgrounds

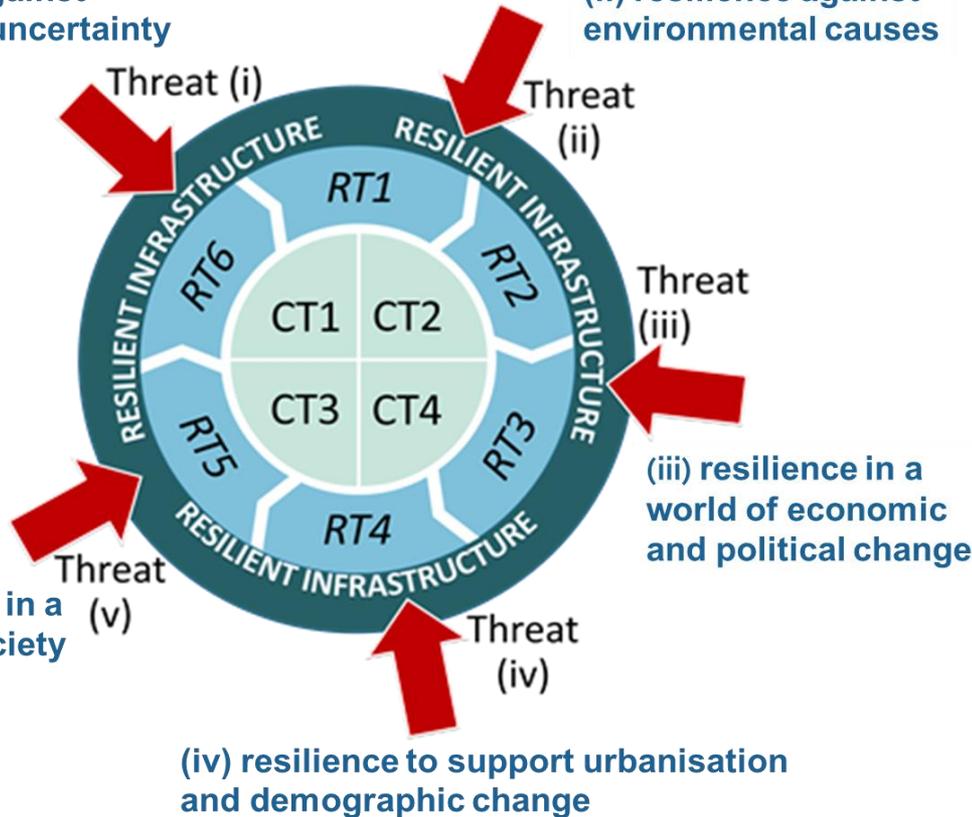


27 industry and academic partners

About us

(i) resilience against technological uncertainty

(ii) resilience against environmental causes



RT1 – advanced infrastructure materials

RT2 – rethinking design & construction

RT3 – digitised civil engineering

RT4 – whole-life performance

RT5 – built environment

RT6 – global challenges

CT1 – emerging technologies

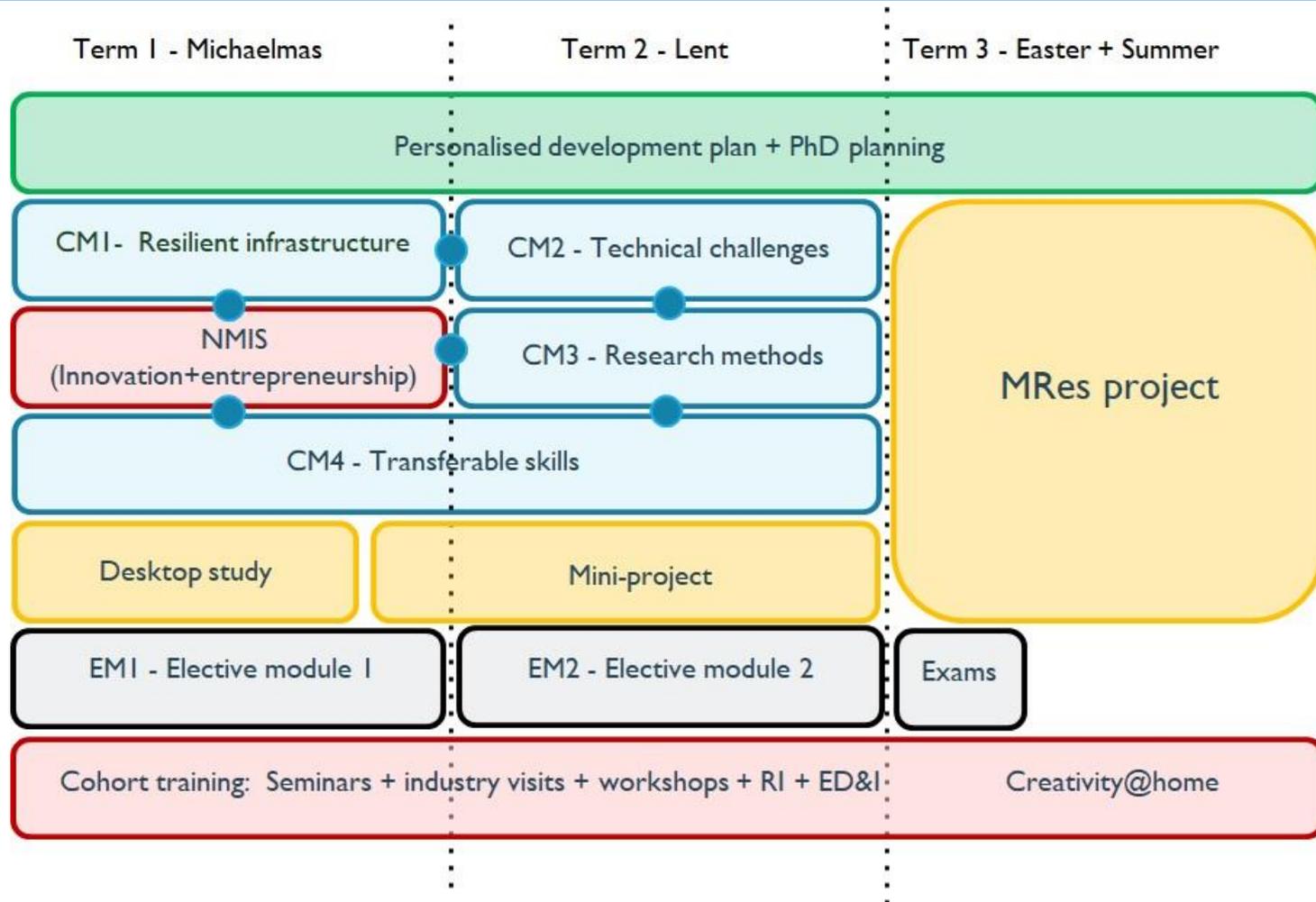
CT2 – performance to data to knowledge

CT3 – research across scales

CT4 – risk and uncertainty

(v) resilience in a changing society and culture:

MRes year



PhD (years 2-4)

80% PhD research

20% Centre training activities

- i) Impact study
- ii) Engagement with policy makers and relevant stakeholders
- iii) Activities linked with industry co-supervisor
- iv) Placement with an International academic partner
- v) Integration studies
- vi) Transferrable skills, Responsible Research and Innovation, Ethics and Professional upskilling

Admissions process

Step 1: Apply using the University Applicant Portal

Apply through the University on-line system selecting the FIBE-CDT course code: **EGEGR3**

Either choose one of the advertised projects or make a general application listing your areas of research interest

Step 2: Interview for a place on the programme

Shortlisted candidates will be called for a first stage interview with the potential academic supervisor and industry partner. If successful, a second stage interview is held with the Centre Director, academic supervisor and CDT Manager.

Eligibility

Qualifications

- Successful applicants require high level engineering or science skills.
- Students are expected to have an upper second class (2.1) or first class honours degree from a UK university or an equivalent standard from an overseas university.

Funding

- FIBE2 CDT can offer fully funded studentships to excellent applicants who are eligible for Engineering and Physical Sciences Research Council (EPSRC) studentship awards.
- The EPSRC FIBE2 CDT studentships cover home University fees and an annual student maintenance stipend.
- The studentships also include a budget for approved MRes/PhD project-specific costs.

Eligibility

Funding – EU and overseas students

EU students will be considered for full funding if they have settled or pre-settled status in the UK.

The UKRI has confirmed that international students (EU and non-EU) will be eligible for all Research Council-funded postgraduate studentships from the start of the 2021/22 academic year.

The FIBE2 CDT is able to offer a limited number of studentships to international students; **however all our available studentships have already been allocated for October 2021.**

Current projects

- **Mechanical Behaviour of Artificially Frozen Ground: Experimental Observations and Modelling**

Professor Giulia Viggiani



<https://www.jobs.cam.ac.uk/job/27884/>

Current projects

- **Rapid prototyping industrial installation**

Dr Cyrille Dunant

AVEVA

<https://www.jobs.cam.ac.uk/job/28665/>



Current projects

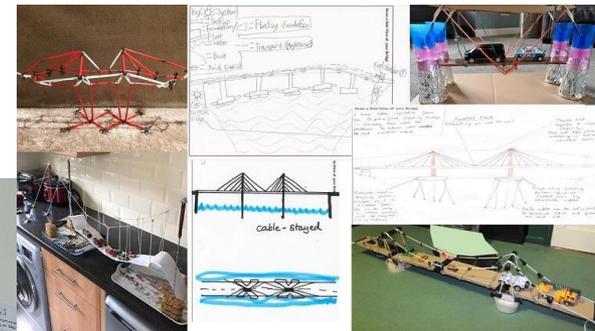
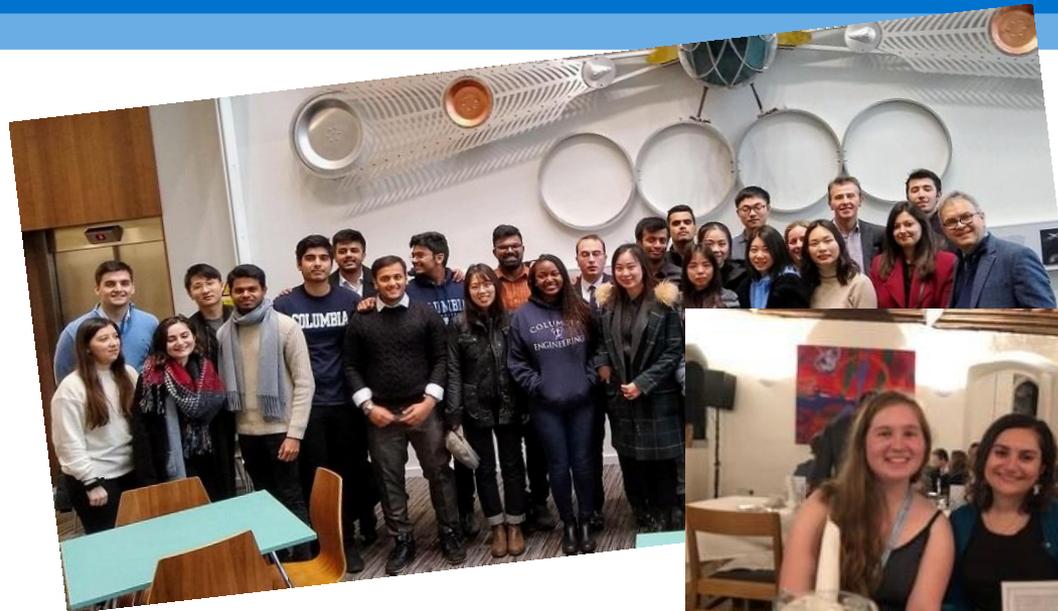
- Engineered waste for sustainable and resilient land regeneration

Professor Abir
Al-Tabbaa



<https://www.jobs.cam.ac.uk/job/27729/>

Any questions?



Cambridge Festival:
City of the Future
Exhibits



Staff and Academics welcome Cohort 2 to FIBE2 CDT.