



THE UNIVERSITY *of* EDINBURGH
School of Engineering

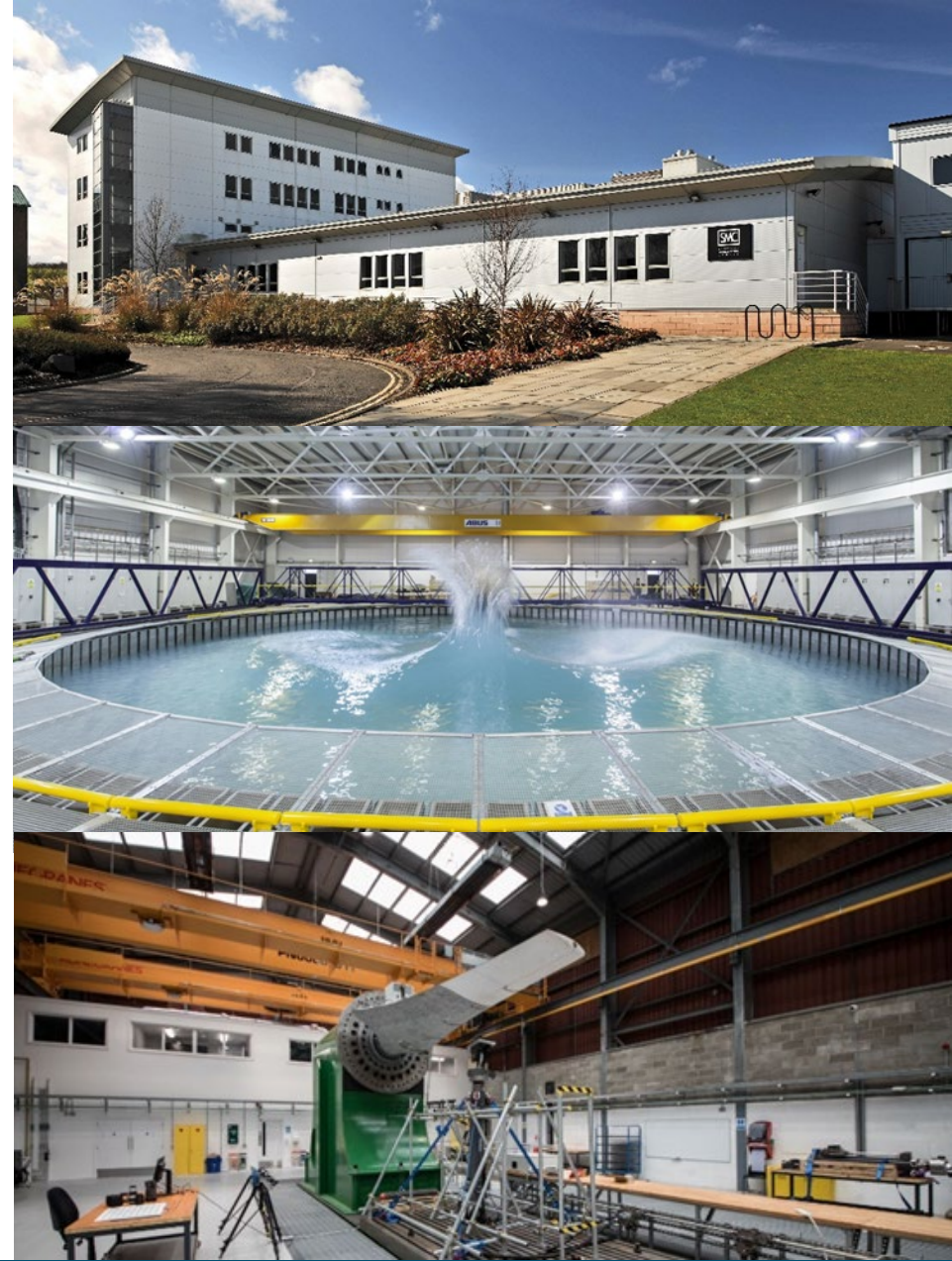
School of Engineering, Industry Engagement and Placements



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School of Engineering

- The School of Engineering can trace its beginnings at the University of Edinburgh to 1868, when Queen Victoria appointed the first Regius Chair of Engineering at Edinburgh, the oldest such position in the UK.
- In 2002 the present School formed from the previous departments of Chemical Engineering, Civil and Environmental Engineering, Electronics and Electrical Engineering, and Mechanical Engineering.



School structure

- The School is one of the largest in the University of Edinburgh with approximately:
- 170 academic staff
- 160 professional and technical staff
- 130 postdoctoral researchers
- 600 postgraduate research (PGR) students
- 2000 undergraduate and postgraduate taught (PGT) students, from over 80 countries



Teaching: undergraduate

- Engineering education is delivered through four teaching disciplines:
- [Chemical Engineering](#)
- [Civil and Environmental Engineering](#)
- [Electronic and Electrical Engineering](#)
- [Mechanical Engineering](#)

- Each programme is available as either a 4 yr BEng or 5 yr MEng
- All are accredited by the relevant professional engineering bodies in the UK.
- 3 of 4 disciplines have an integral (assessed) semester of industry placement for MEng students.



Teaching: postgraduate

- We offer the following taught masters:
- [MSc Advanced Chemical Engineering](#)
- [MSc Electronics](#)
- [MSc Electrical Power Engineering](#)
- [MSc Advanced Power Engineering](#)
- [MSc Signal Processing and Communications](#)
- [MSc Sustainable Energy Systems](#)
- [MSc Fire Engineering Science](#)
- [MSc Digital Design and Manufacture](#)

- Along with two joint programmes with other universities:
- [International MSc in Fire Safety Engineering](#)
- [Sensor and Imaging Systems](#)



Centres for Doctoral Training (CDT)

- CDTs offer unique opportunities for doctoral students to gain cutting-edge, multidisciplinary knowledge and skills while working directly with industry on the critical projects of today and tomorrow.
- We offer the following:
 - Applied Photonics
 - Offshore Renewable Energy
 - Optical Medical Imaging
 - Sensing Processing and AI for Defence and Security
 - Soft Matter Functional Interfaces



Electronics & Electrical Engineering Placements

- Electronics & Electrical Engineering Placement is open to students studying:
 - MEng Electronics & Electrical Engineering
 - MEng Electronics & Computer Science
- Opportunity to spend 6 months in a company or overseas research institution completing a degree relevant project.
- Students start their placement at the end of their 4th year (June/July) and finish at the end of the calendar year.
- At that point they return to campus for one semester before graduating.



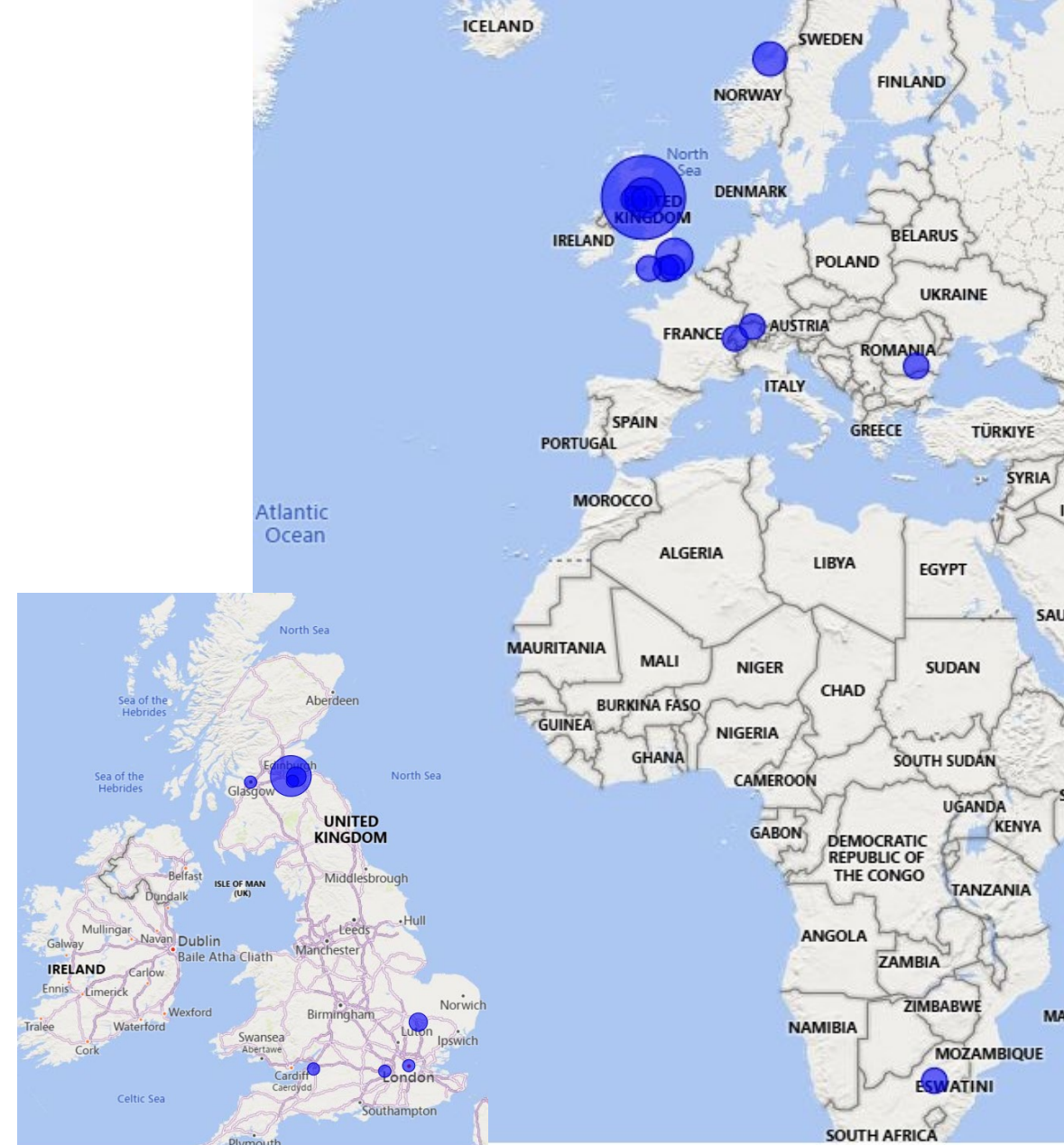
Industrial Projects

- A suitable project has the following characteristics:
 - The project should be relevant to one of the student's degree programme.
 - The project must be a self-contained piece of work based around a single theme.
 - It should allow the student a certain degree of responsibility in defining the scope and the conduct of the project.
 - It should develop skills such as:
 - time and resource management
 - team-work
 - communication
 - use of IT facilities
 - creative problem solving



Placement Locations

- In the last 5 academic years there have been
 - 68 Placements
 - Hosted by 28 companies
 - 4 were hosted by companies outside of the UK
- 49 were in Edinburgh



UKESF



UK Electronics
Skills Foundation

What makes a UKESF Scholarship different?

- Ability to apply to multiple leading Electronics companies through one application form
- Development of professional skills and employability training
- Chance to make a difference in the Electronics sector through educational activities
- Choice of placement length, including 6 months

What are the benefits of a UKESF Scholarship?

- An annual bursary of £1,000
- Paid work placements
- Mentorship from your sponsoring company and a UKESF Buddy
- A paid for place at residential course for professional skills development
- Opportunities to network and help to establish professional peer network



Placement Team – How we can help

Students

- Coordinate placement preparation activities
- Engage with companies to build lasting relationships and regular placement offerings
- Advertise placement opportunities through InPlace
- Highlight adverts and events through the Student Bulletin

Companies

- Single point of contact within the School of Engineering for advertising internships, placements and graduate roles
- Collect placement applications or point them towards your own application process
- Help with logistics for interviews
- E&EE internship fair

Contact us at: Engineering.Placements@ed.ac.uk

