

Edinburgh University Formula Student



Formula Student is the world's largest educational competition which challenges university students to design and build a race car. It attracts over 40,000 students annually and a total of 13 competitions take place across 5 separate continents. The competition is hosted at world renowned tracks and includes presentations on the design, cost, and business aspects of your car as well as dynamic driving events.

Founded in 2014, the goal of Edinburgh University Formula Student (EUFS) is to enrich students' education by giving them the opportunity to work on exciting and ambitious projects. Today, the team has evolved into a multi-disciplinary project which has involved more than 400 enthusiastic and determined students over the past 5 years, ranging across multiple schools including Engineering, Informatics, Physics, Chemistry, Biology, Maths, and Arts.

The team's goal is to develop student's practical and soft skills which will contribute to their success in their future. The team wants as many people from all academic backgrounds to experience Formula Student and develop these skills while working with cutting-edge, relevant technology. It is these skills and experience which sets EUFS members apart in their career aspirations.

Since its foundation, the team has greatly expanded in both size and ambition. Last year, EUFS entered its third internal combustion (IC) car into the Formula Student UK event at Silverstone and managed to finish in the top 20 UK teams in 38th place overall. This represented a consistent improvement from 90th in the team's first year. EUFS also entered a new autonomous division, the DDT class, in which teams are tasked with developing the software for a self-driving Formula Student vehicle and upload this software onto a car provided by the competition organisers. With each team starting the year on equal footing, the EUFS AI team managed to finish 1st and win this division confirming the team's software as the best developed by any UK university. With this success, in 2018, the team started its most ambitious project yet – building an autonomous electric race car.

You can find out more about EUFS on our website - <http://eufs.co/>, or you can email us directly at info@eufs.co



HYPED Industrial Engagement



HYPED is a student society at the University of Edinburgh dedicated to accelerating the development of Hyperloop in the UK. The Hyperloop is a new mode of high-speed transport which incorporates autonomous pods, vacuum tubes, and magnetic levitation to shorten a journey from Edinburgh to London to only 50 minutes. Our multidisciplinary team works on both technical and commercial aspects of Hyperloop and has seen success in two international competitions.

The team are repeat finalists of the SpaceX Hyperloop Pod Competition; designing and building our own Hyperloop pod to compete against the best Universities in the world at Elon Musk's annual engineering competition. HYPED are also winners of the Virgin-Hyperloop One Global Challenge after creating a commercial case for Hyperloop in the UK; we are one of 10 winners from 2,600 entries, and are the only student team to have won the competition.

HYPED engages with industry through sponsorship, commercial research projects, and technical design and manufacturing. Over the past year, our team has engaged with sponsors, including Cirrus Logic, Leonardo, Skyscanner and RS Components, to collaborate and support our STEM-led student project. We also work with research and industry bodies, such as ICE, IMechE, DfT, BEIS (and plenty more acronyms!), to inform and aid in the global effort towards Hyperloop.

The HYPED team represent some of the best and brightest students at the University of Edinburgh. Our team are seeking industrial engagement to continue our progress and share the exciting developments from within the team and beyond.

Please get in touch to
find out more at
team@hyp-ed.com.



Engineering for Change Industry Engagement

Who we are:

Engineering for Change is a student led society at the University of Edinburgh. We aim to encourage engineering students or those interested in design to think in terms of sustainability and the over social effects of a project during their time at University and in their future career. We run six projects, detailed below, which help our members do this as well as running workshops and talks throughout the year. As well as educating our members we hope to make a positive change in the communities we work in.

What we do:

E4C acts on both local and international scale to tackle social and environmental issues through our international and local projects. In Edinburgh we work in education through the DIEM project, holding workshops in local schools to increase STEM awareness and interest. With the Winds of Change project, we are building a wind turbine for the homeless charity The Cynerians to provide green energy on their campus. We work with the GROW community garden where the Aquaponic Development project has built an aquaponic system. Additionally, the Precious Plastics project works in Summerhall and Hacklab to build plastic recycling machines.

Internationally we work with the NGOs FAST in Romania and Community First in Cambodia. We send students every summer to work on STEM education in deprived communities with FAST and sustainable agriculture with Community First.

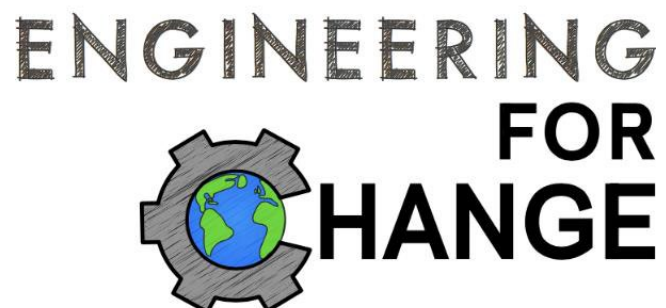
Industry engagement:

All of our projects are aspiring to create links with companies through learning, funding or representing. The winds of change project are looking for companies that wish to sponsor as well as to offer technical advice for the design of the wind turbine. Precious Plastic is also searching for similar relationships. And then the DIEM project is looking to get sponsored by a company to develop new workshops around the company and expand its outreach in schools.

Sponsoring and association would highly benefit companies expanding their outreach to the local communities we are linked with and to the students we work with.

Please contact us at:

engineering4change.ed@gmail.com



ELECTRONICS AND ELECTRICAL ENGINEERING SOCIETY



WHO ARE WE?

The Electronics and Electrical Engineering Society was founded by students in The University of Edinburgh as a way to build social connections and run extra academic activities such as workshops and events with employers.

WHAT WE DID LAST YEAR

- Workshops:
 - Arduino workshop
 - FM transmitter lab
 - Arduino controlled car
- Talks
 - Roy Hotrabhvanon – co-founder of PlayerData.
- Socials:
 - Boards games night
 - Pub quiz
 - Pub crawl



WHAT WE WANT TO DO THIS YEAR

We would love to work with more employers this academic year through workshops, talks, networking events and sponsorship. This would be a great opportunity for you to connect with enthusiastic Electronics and Electrical Engineering students in The University of Edinburgh. We also aim to increase the amount of international students engaging with the society this year with the goal of increasing diverse involvement in events and university life.

If you are interested in working with us please contact us at:
Eueee.society@gmail.com

