

ENGINEERING FOR PEOPLE DESIGN CHALLENGE

The award-winning Engineering for People Design Challenge prepares the engineers of the future to be globally responsible.

The Engineering for People Design Challenge is a global design initiative for university students. Every year, over 7,000 students participate in South Africa, UK, Ireland and the USA to understand the importance of globally responsible engineering and develop the professional skills needed to successfully enter the workplace.

In 2020/21 Engineers Without Borders worked with 38 universities across all four countries, embedding the Design Challenge into first- and second- year* undergraduate curriculum, making it a part of the degree course. To date, over 50,000 students have taken part since the programme was launched in 2011. *and third-year in South Africa and Scotland.

The programme encourages students to demonstrate a real understanding of the social, environmental, economic, and ethical implications of engineering alongside technical skills. Being

part of the Engineering People Design Challenge provides the chance for students to investigate and respond to real-world issues at an early stage of their university degree.

Each year, the programme culminates in the Grand Finals, an inter-university national event where the top teams from each participating university showcase their ideas to industry judges.

CREATING GLOBALLY RESPONSIBLE ENGINEERS

Through this award-winning inter-university design competition, we are helping to create a generation of graduates entering the workplace ready to tackle our global challenges. In future years, we plan to increase the number of universities and students participating, enabling more students to understand the importance of globally responsible engineering at a formative stage of their career.

CONTACT

For more information, please visit the website: www.engineering-for-people.org

South Africa: engineeringforpeople@ewbsa.org

UK & Ireland: challenge@ewb-uk.org

USA: challenge@ewb-uk.org

Engineers Without Borders South Africa is a registered Non-Profit Company (no. 2013/014531/08). Engineers Without Borders UK is a registered charity in England and Wales (No. 1101849) and Scotland (No. SC043537) and is a company limited by guarantee (No. 4856607).



"I now understand there is a lot more involved in the process of implementation than just the design."

Student Participant