

Engineers Without Borders UK

Chapter Introduction

Our planet is
in a perilous
position.



UK
ENGINEERS
WITHOUT BORDERS

Engineering has played a significant role

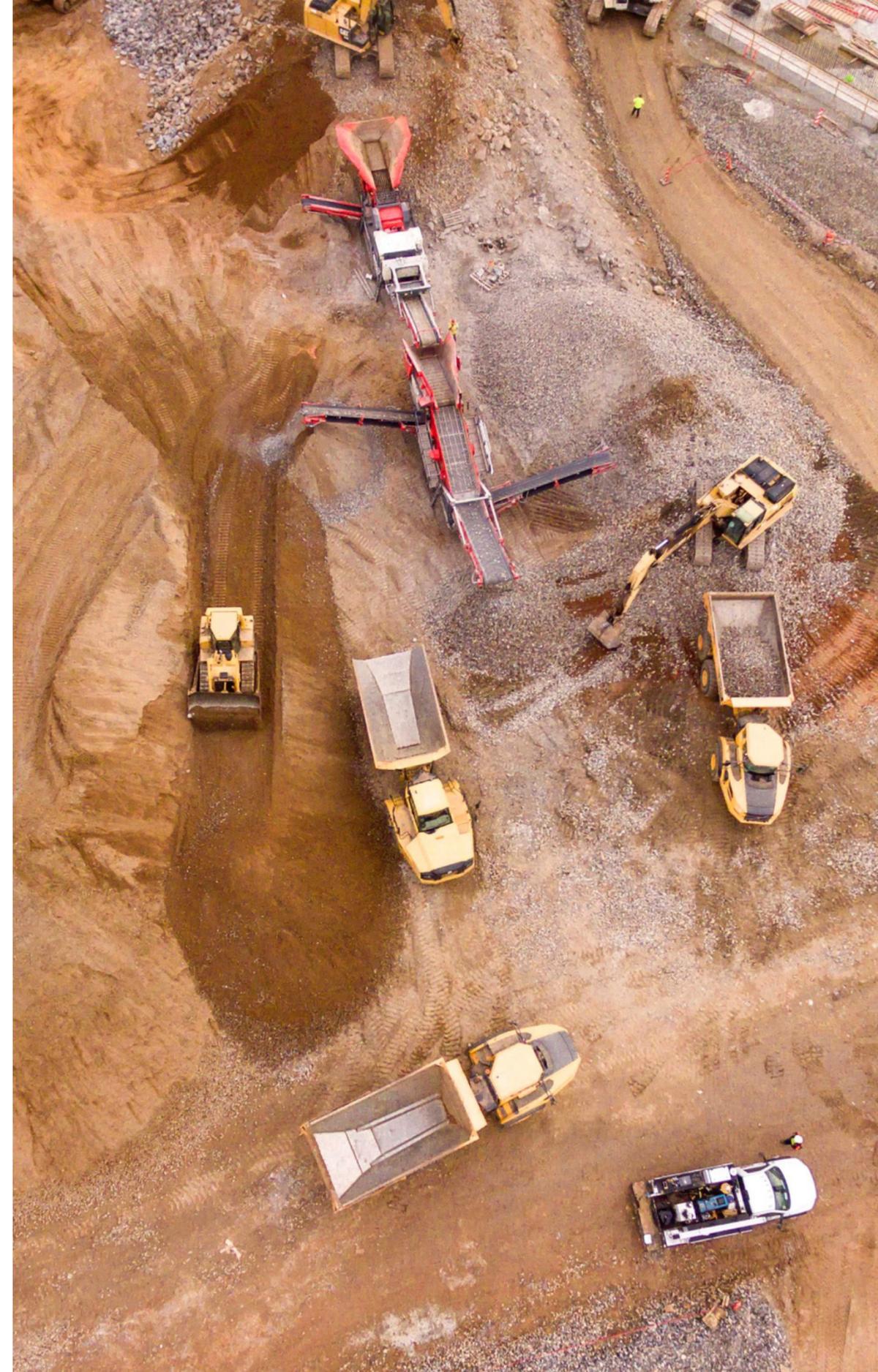
both good and bad – in getting humankind and the planet to where we are today.

Typically, the engineering community still relies on unsustainable practices and materials, with limited consideration of the broader impact.

The building and construction sector alone is responsible for 38% of global emissions.

This has to change.

We need to move away from outdated working methods and prioritising profit over people and the planet.



We must work to put

global responsibility

at the center of engineering to ensure a safe and just future all.



We only have one planet with limited resources [...] as engineers we have a fundamental role to play in thinking about societal impact and environmental resources.

— Dr Priti Parikh, UCL

Global responsibility

Responsible

To meet the needs of all people within the limits of our planet. This should be at the heart of engineering.

Inclusive

To ensure that diverse viewpoints and knowledge are included and respected in the engineering process.

Purposeful

To consider all the impacts of engineering, from a project or product's inception to the end of its life. This should be at a global and local scale, for people and planet.

Regenerative

To actively restore and regenerate ecological systems, rather than just reducing impact.

University Chapters

Our University Chapters are established by students who want to see real change in engineering.

Together, they create a network of students who are working to reach the tipping point to ensure a safe and just future for all through extracurricular

activities, working with both the communities in and outside of their universities.

The projects and activities they deliver allow students to trial ideas and concepts, as they begin their careers and journey as globally responsible engineers.

What do Chapters do?

- Inspire the next generation of engineers by giving outreach sessions in schools.
- Meet regularly to socialise, discuss industry news and support one another with career prospects.
- Host industry leaders.
- Host practical workshops to create and collaborate on innovative projects.
- Participate in the Designathon, a 12 hour design challenge, judged by chartered engineers.
- Collaborate with other university Chapters.



Engineering education currently doesn't equip students with the skills they need to engage successfully with the communities impacted by projects.

— Jon Samuel, Anglo American

Chapter alumni

Roger Norton

Roger was the President of EWB Exeter and designed a vest with a built-in decontamination kit to help humanitarians respond to chemical attacks more intuitively in the field. He went on to present his invention at MSF's annual Scientific Days.

Brittany Harris

Brittany was part of EWB Bristol and went on to co-found Qualis Flow, a company focused on impact management of construction sites. The company won the people's choice award from the Royal Academy of Engineering Launch Pad competition in 2017.

Katie Cresswell-Maynard

Part of EWB Durham, Katie went on to be Energy Services Engineer and Engineering Consultant at Arup and is now the CEO at Engineers Without Borders UK.

Join the movement.

Go to www.ewb-uk.org/inspire/chapters/ to register
your Chapter membership today!

