

Overview

This workshop is designed to be delivered by Engineers Without Borders UK Chapters. It is suggested that Chapters deliver this to local organisation engaged with the engineering industry or interested in global responsibility. Alternatively, it can be run as a workshop for Chapter members, or the wider university population.

- This is a 45-60 minute workshop.
- The workshop can be delivered in person and virtually.
- You can find our full facilitation guidance document, including the accompanying script [on our website](#).
- If you deliver this workshop, please let us know how it went by filling in this [form](#).

How to use this slide deck

- Ensure you have read the accompanying facilitation guidance document ([found on our website](#))
- You shouldn't need to make any changes to the slide deck, but if you do need to then please continue to use the same slide template.
- Each slide has an accompanying script, which you can find in our facilitation guidance. This can be adapted to suit your own delivery style, or the audience you are delivering to.

If you have any questions about delivering this workshop, please contact Engineers Without Borders UK by email at membership@ewb-uk.org.

Otherwise, good luck!

Decade of Action Essentials

Why does
COP26 matter?



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Agenda

- The importance of COP26
- Principles for a safe & just future
- Principles in action





Our planet is
in a perilous
position.



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We have to
change.



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UN CLIMATE CHANGE CONFERENCE UK 2021

IN PARTNERSHIP WITH ITALY

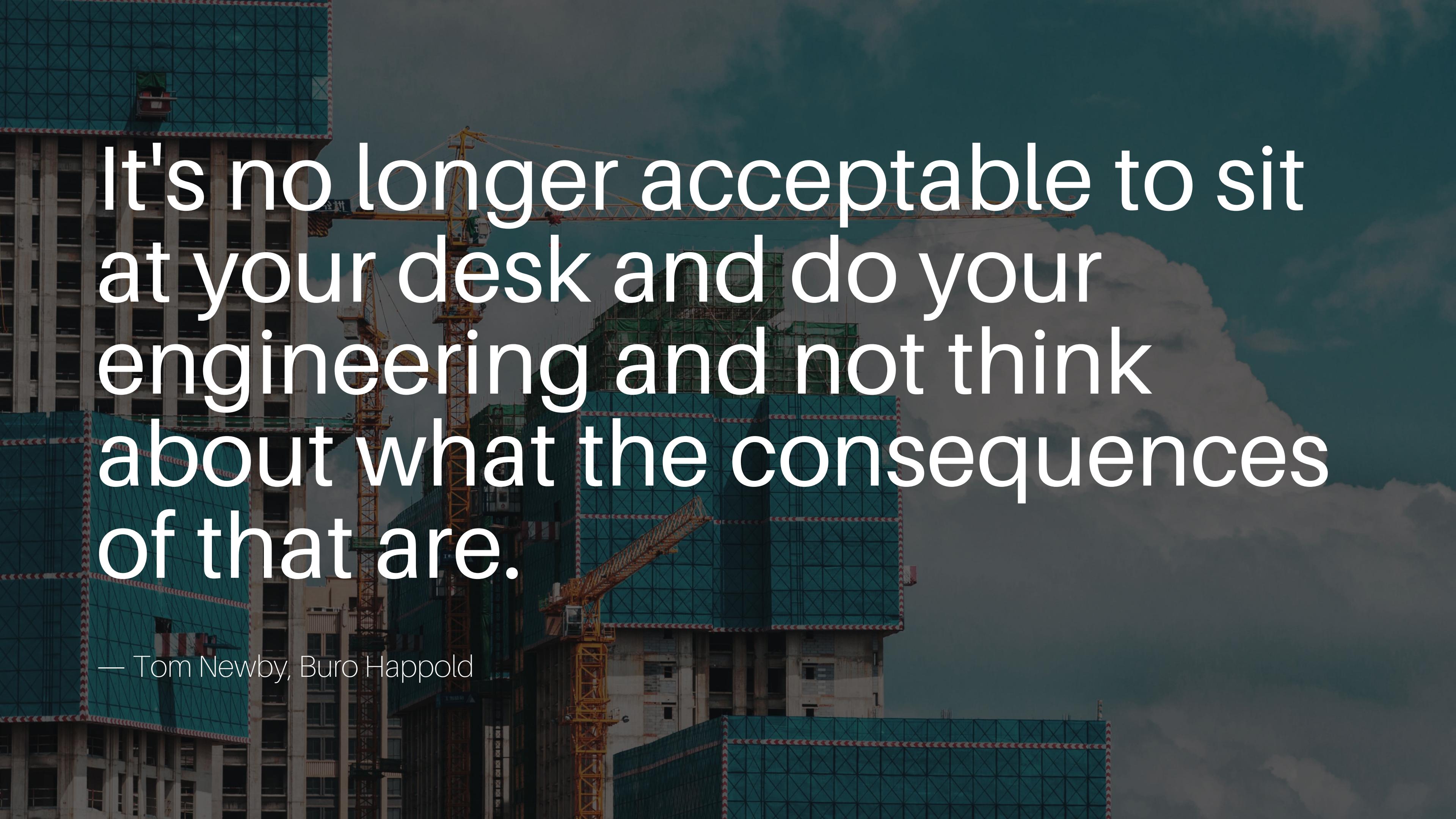
COP26 has a
unique
urgency.



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COP26: Why should engineers care?





It's no longer acceptable to sit
at your desk and do your
engineering and not think
about what the consequences
of that are.

— Tom Newby, Buro Happold

This has to change.

We need to move away from outdated working methods and prioritising profit over people and the planet.



Global responsibility

Responsible

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

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.

Inclusive

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

Regenerative

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



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Activity: Reflection on principles



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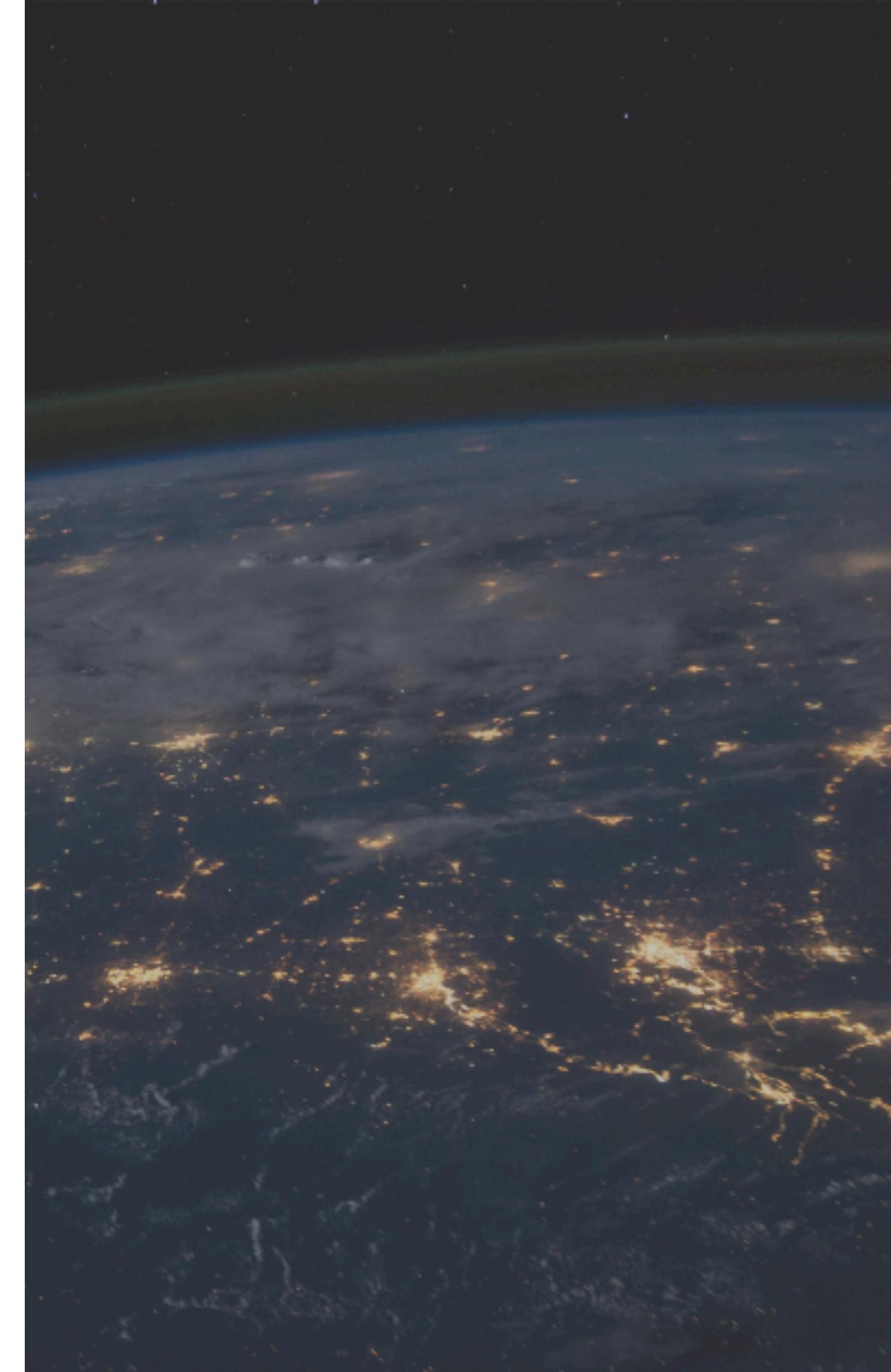
Activity: Principles in action



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We need
to take
action.



Join the movement.

Make the commitment to globally responsible engineering today.

www.ewb-uk.org/join/



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Case study 1

Context

You are working in a team that is developing designs for a low-level offending women's prison. You have been tasked to design the toilets. There have been reports of safety issues in the toilet facilities of other prisons and that the sanitation needs of inmates have not been fully considered. To understand the experience of the people in the prison, you have been instructed to carry out a co-design session/s to ensure the new design is effective in meeting their needs.

Consider

If you were working in this context, how would you embed the principles of global responsibility into your decision making?



Case study 2

Context

A student accommodation building is thinking of adding facial recognition technology to ensure the safety of their residents. All residents will be required to give explicit consent before the system is implemented. Visitors will be buzzed in but their image will be captured before entry.

Consider

If you were working in this context, how would you embed the principles of global responsibility into your decision making?



Case study 3

Context

Following Google's recent decision to 'set out [their] commitment to develop technology responsibly and establish specific application areas we will not pursue', you are part of a task force collating a set of ethical principles to inform your organisation's work with AI for military use.

Consider

If you were working in this context, how would you embed the principles of global responsibility into your decision making?

Case study 4

Context

You have recently joined the board of a new organisation. You have been made aware that employees on your graduate scheme have highlighted the lack of diversity across levels of management. They would like you to consider what changes could be made to improve this.

Consider

If you were working in this context, how would you embed the principles of global responsibility into your decision making?

