

# Decade of Action Essentials

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Why does COP  
matter?

# Agenda

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



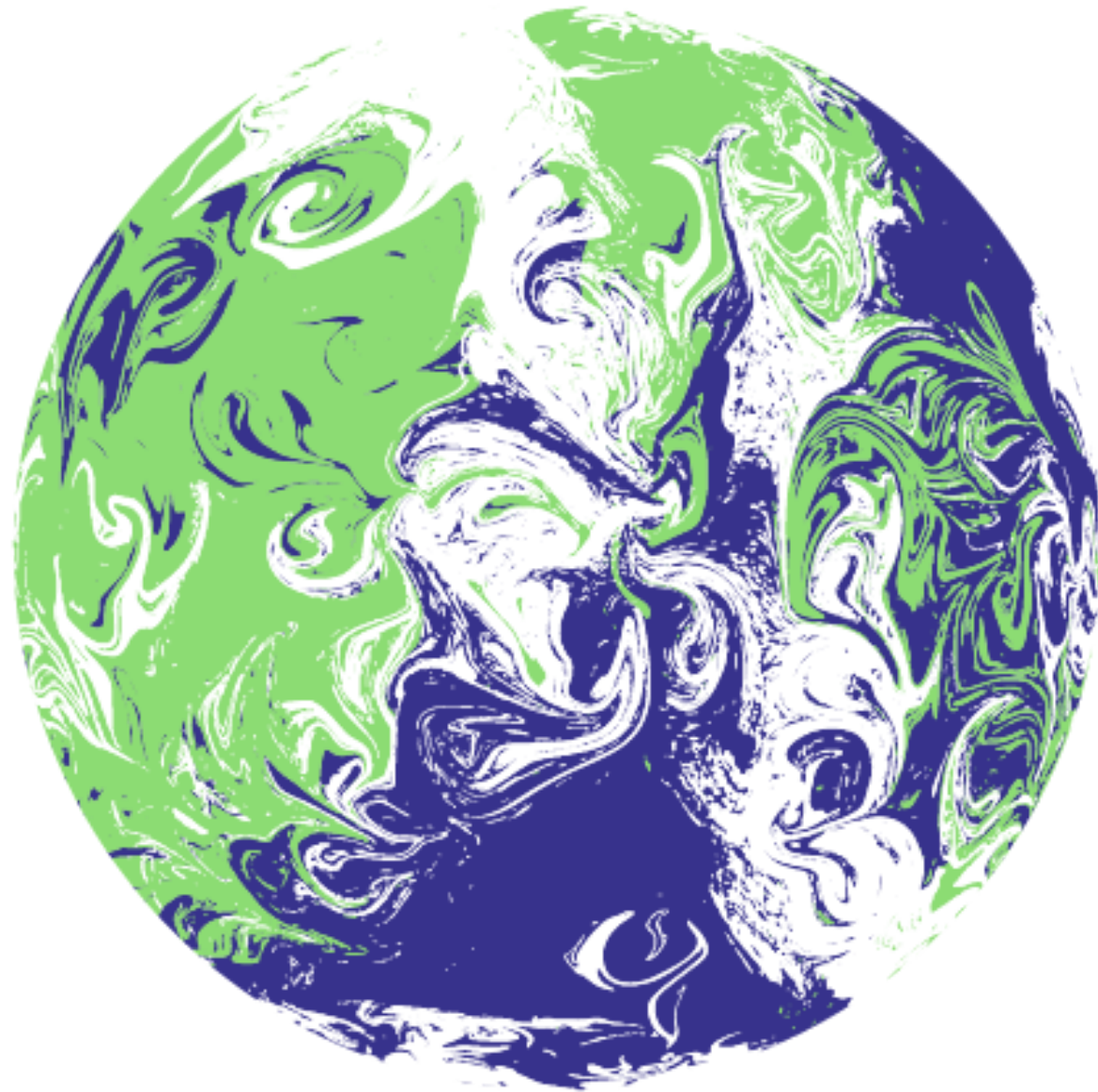


<https://www.youtube.com/watch?v=mUp8sr9K7ww>

Our planet is  
in a perilous  
position.



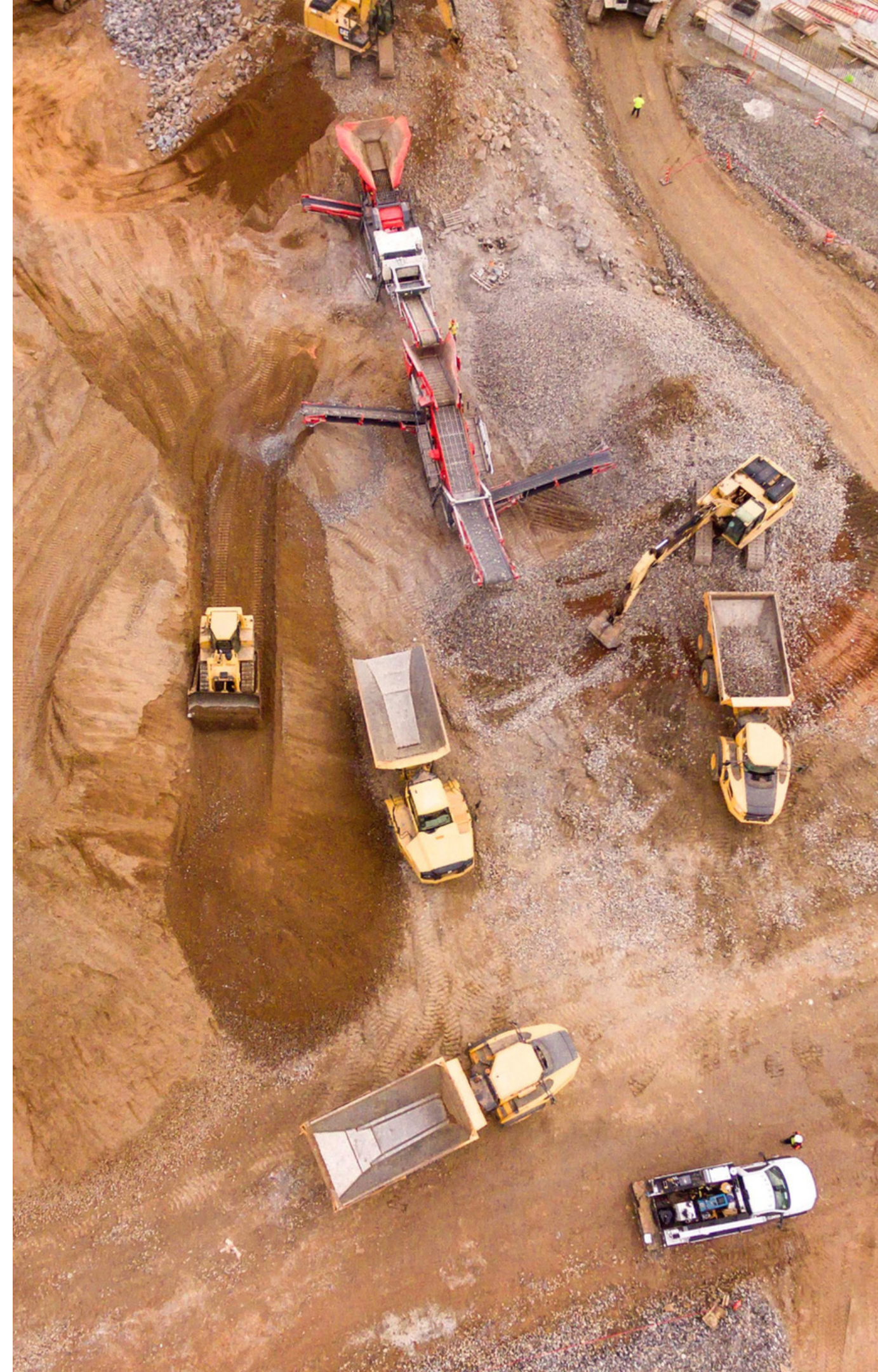
UK  
**ENGINEERS**  
WITHOUT BORDERS

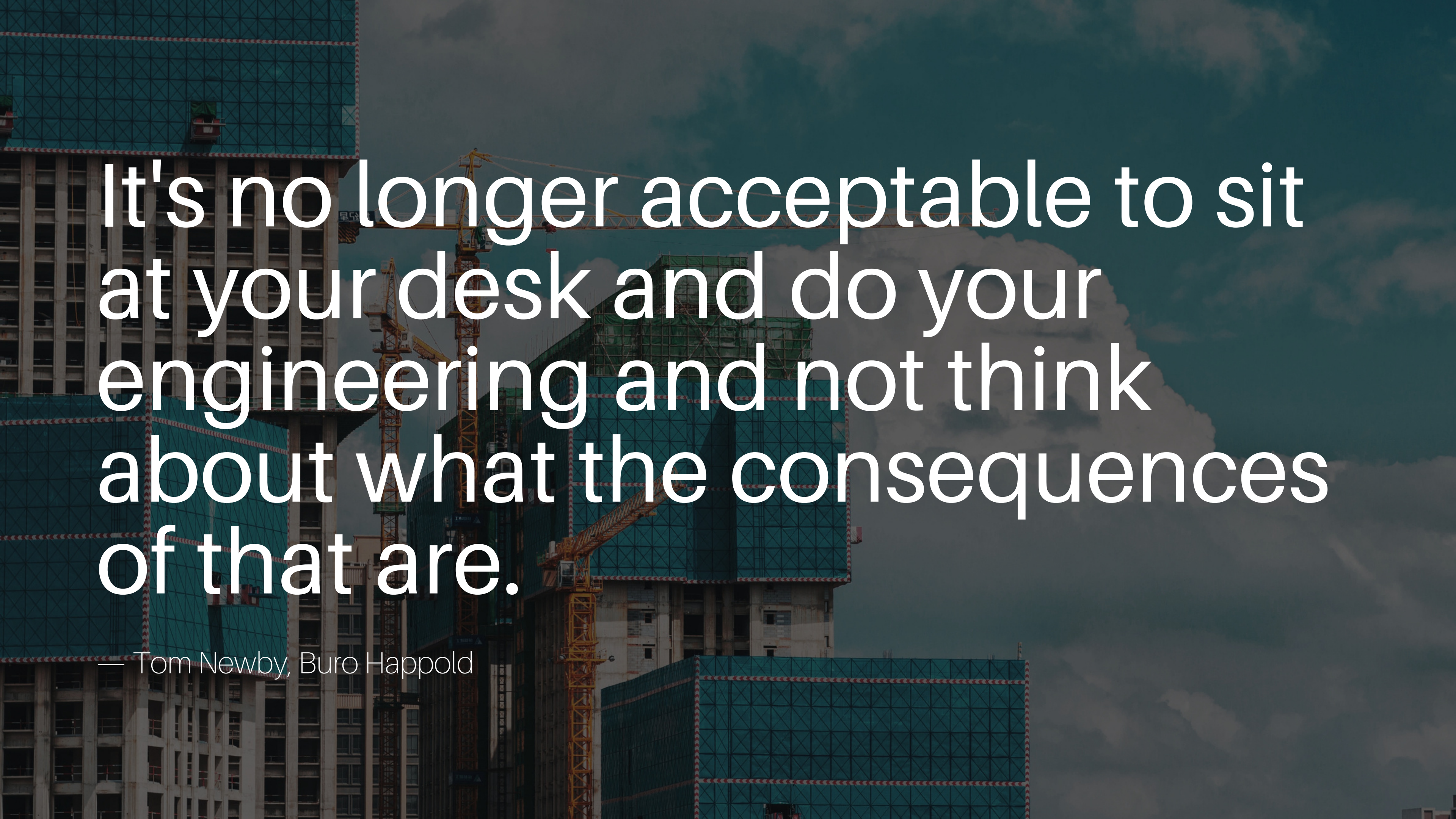


# UN CLIMATE CHANGE CONFERENCE UK 2021

IN PARTNERSHIP WITH ITALY

COP: Why  
should  
engineers  
care?



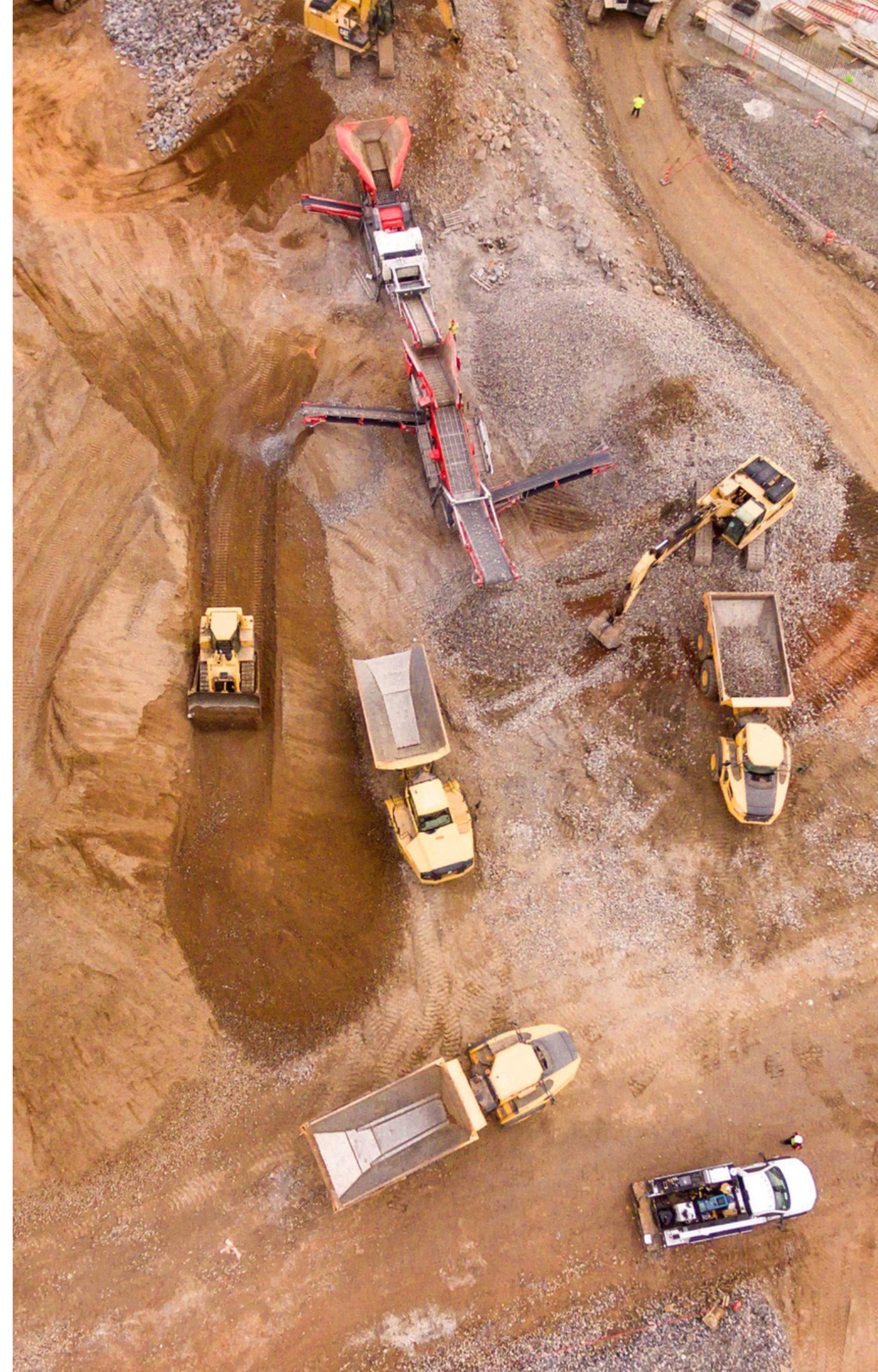


It's no longer acceptable to sit at your desk and do your engineering and not think about what the consequences of that are.

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We need to move away from outdated working methods and prioritising profit over people and the planet.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

## 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.

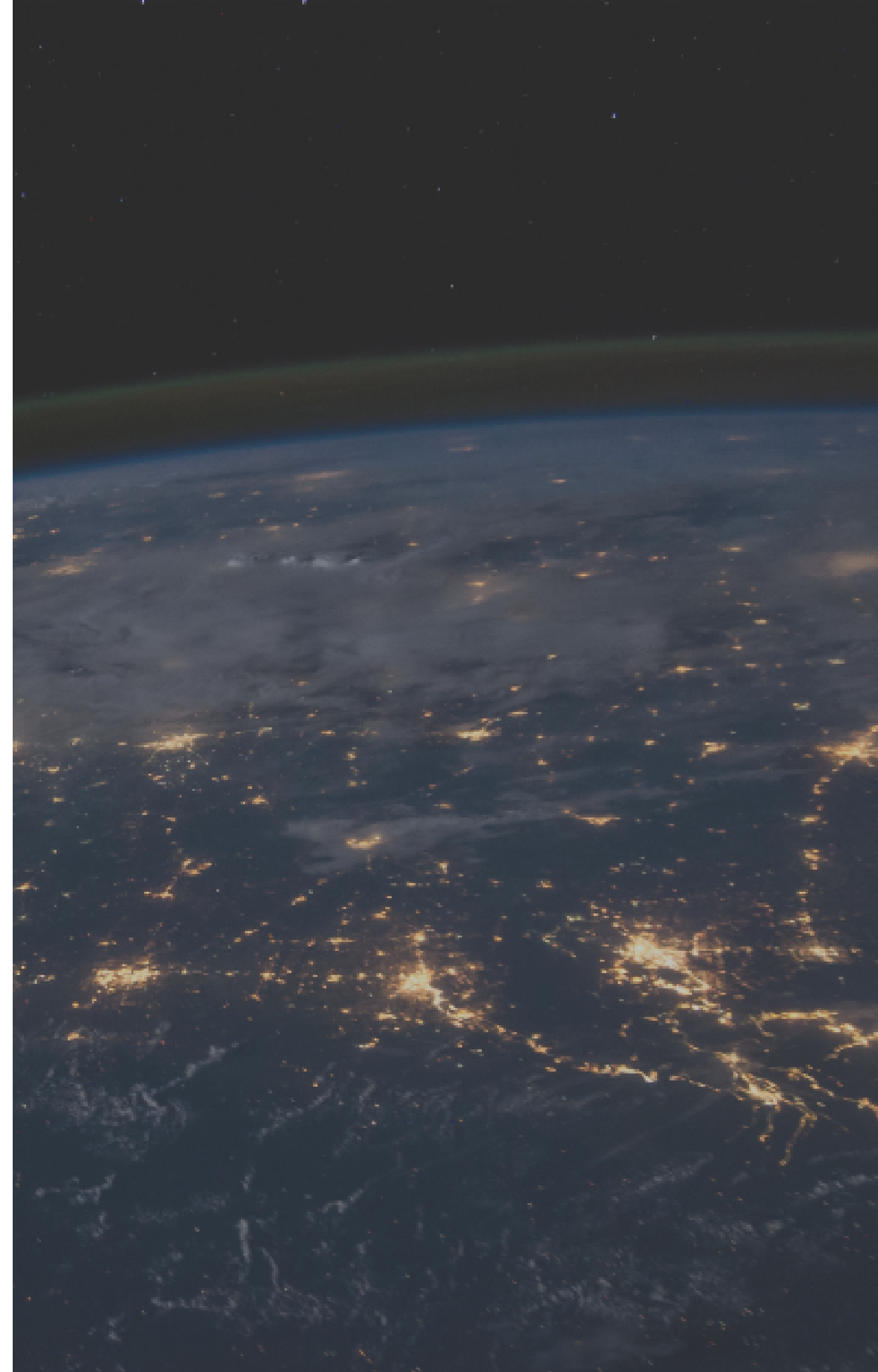
# Activity: Reflection on principles



# Activity: Principles in action



We need  
to take  
action.



# Join the movement.

Make the commitment to globally responsible engineering today.



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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?