



The future of Civil Engineering

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The challenges are global

The issues:

- Climate change
- Population growth
- Urbanisation
- Resource scarcity

The desired outcome: we live in a cleaner, safer, healthier world

Who is involved?

Four Groups

- Society - the public – better consumers
- Governments and decision makers - rules
- Industry – innovation in process and materials, better behaviour
- Engineers – broader, smarter, long-term

System of Systems

- Plan, Design and Build for the future
 - Sustainability
 - UNSDG's
 - Users
- A common goal – a better world...

Today's challenge for tomorrow

Put yourself in 2059

- Have we dealt with the global challenges?
- How has the engineer helped?
- How can you help the engineer?

