

Integrating robots and humans for sustainable construction

Sustainable construction outlines three key roles for integrating robots and humans:

OPERATORS

FACILITATORS

INNOVATORS

These roles collaborate along a continuum to boost productivity and safety.



OPERATORS

- Embraces innovative tech for collaboration and values robotics for efficiency.
- Welcomes advancements that improve safety in construction while recognising automation's need for human oversight.
- Views robots as a means to transform traditional practices into sustainable solutions.

FACILITATORS

- Promotes tech integration in construction, embracing advancements for efficiency and safety.
 - Advocates for collaboration between humans and robots, values sustainability, and seeks innovative solutions.
- Open to new methods while prioritising worker well-being.

INNOVATORS

- Promotes innovative solutions for better efficiency and safety in construction.
- Advocates for autonomous robots to optimise operations and improve worker-tech collaboration.
- Their passion for innovation leads to fresh insights, approaching change with caution and curiosity, and asking key questions for clarity before acting.