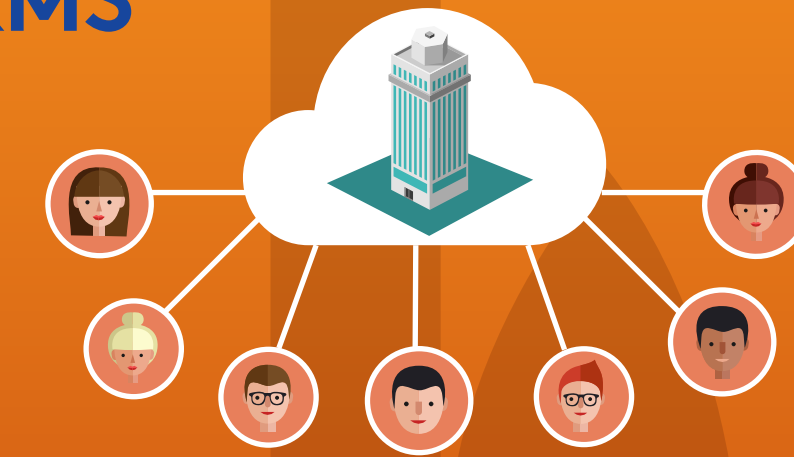


DRIVING BETTER VALUE IN CONSTRUCTION

TODAYS INNOVATIONS WILL BE TOMORROWS CONSTRUCTION NORMS

The UAE's ambitious Vision 2021 strategy provides an opportunity for the UAE construction industry to harness the latest digital and technological innovations that are transforming project delivery around the world. These innovations are delivering higher levels of construction efficiency and productivity, while at the same time removing many of the traditional practices that are barriers to progress in project delivery

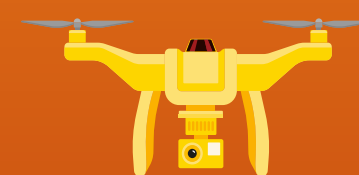


VIRTUAL TWINS

Digital platforms drive closer collaboration between project parties enabling better designed projects that can be built more efficiently

AUTONOMOUS VEHICLES

Using drones for surveying work is reducing planning costs and opportunities exist to exploit the technology for site monitoring and inspection, reducing labour costs



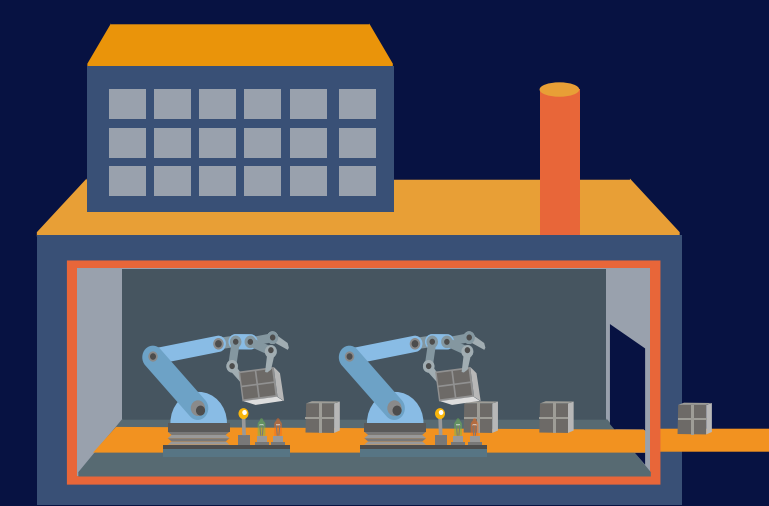
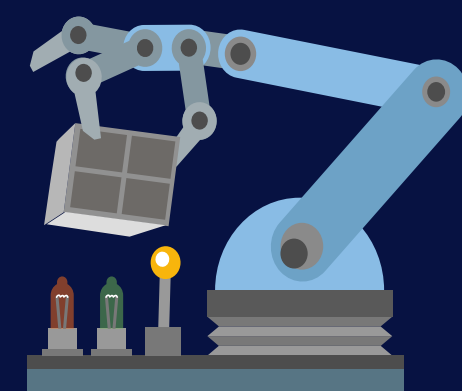
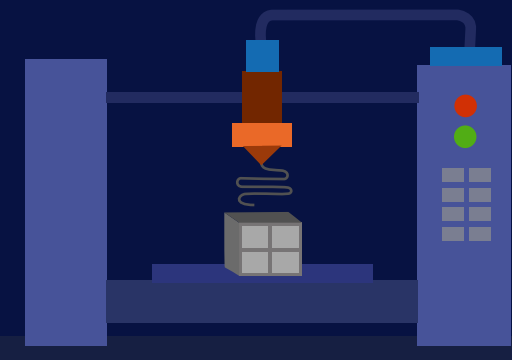
IMPROVING EFFICIENCY

Offsite manufacturing, prefabrication, modularisation and onsite assembly can reduce construction time



TRANSFORMING DELIVERY

3D printing can create efficiencies on site, replacing expensive materials and spare parts and enabling prefabrication



THE FUTURE

One day, large-scale production of buildings will be delivered using 3D printing

