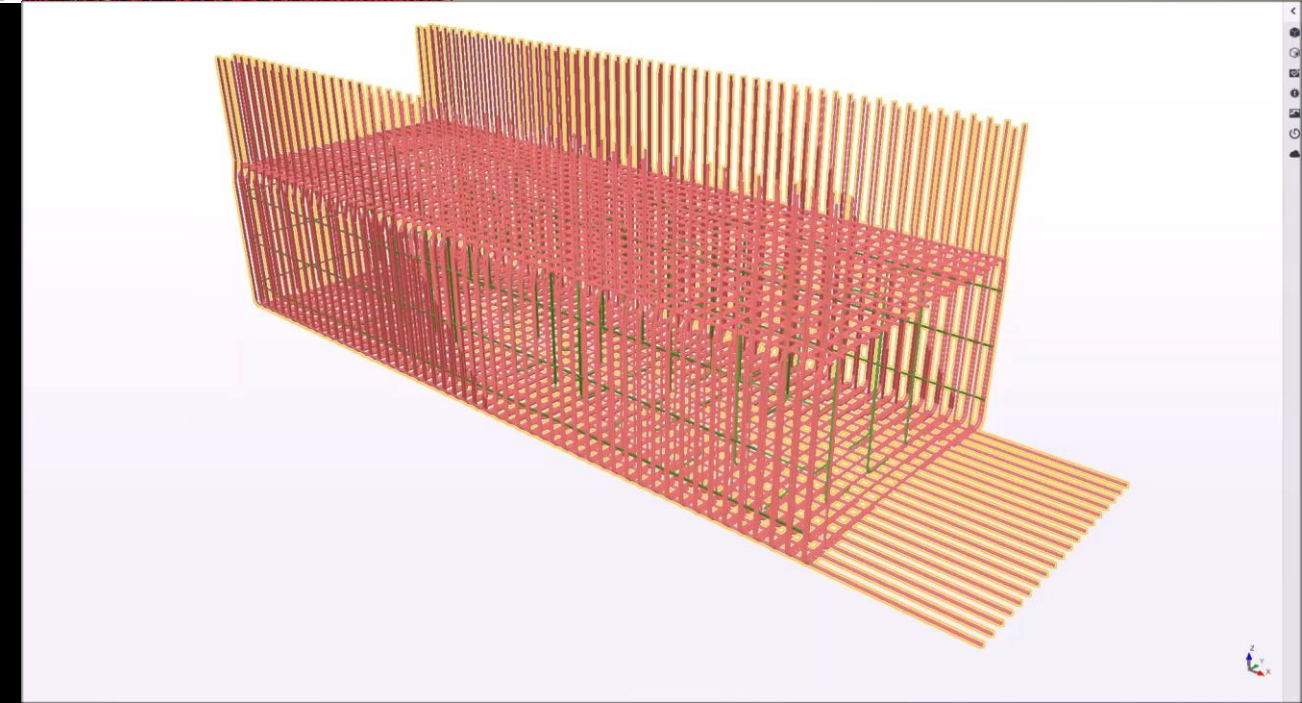
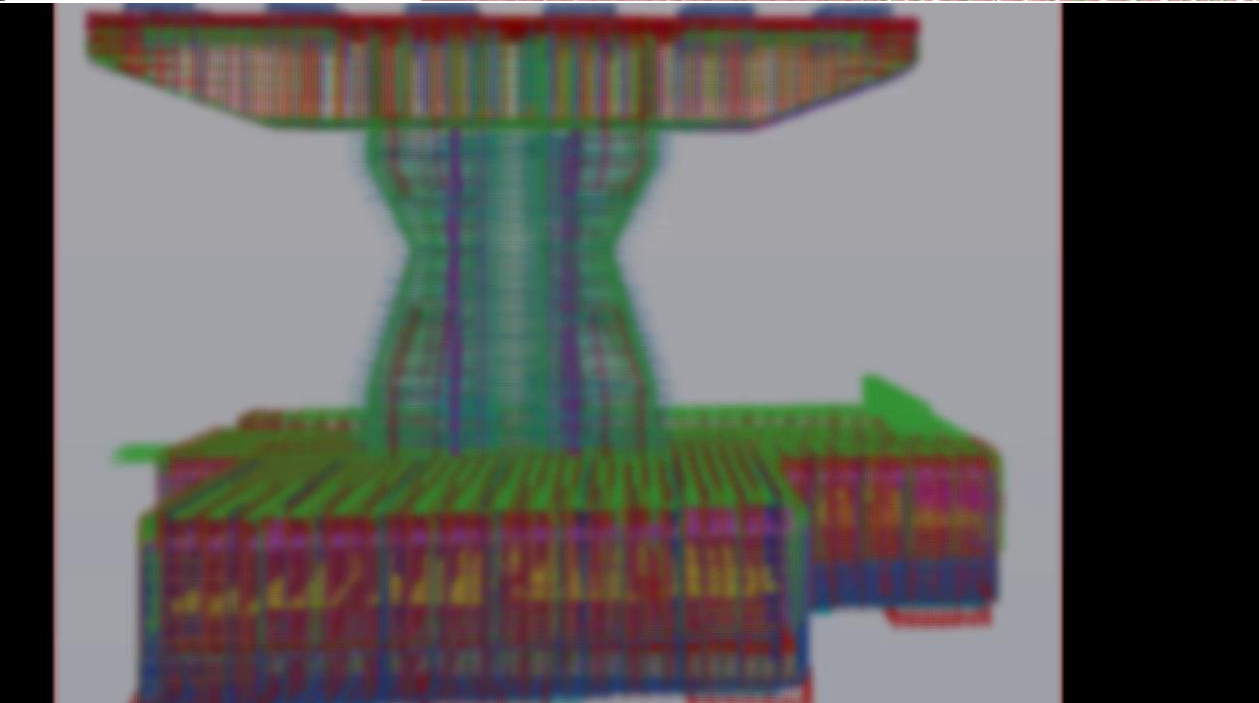
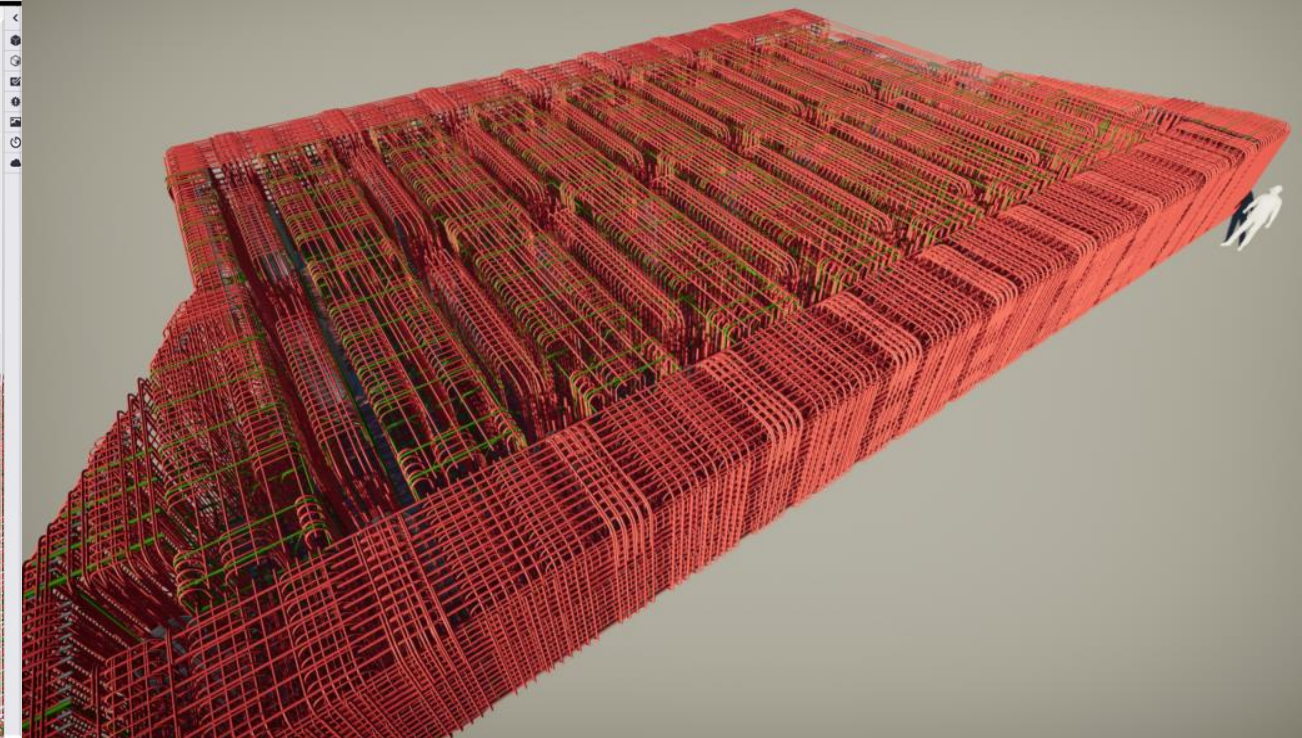
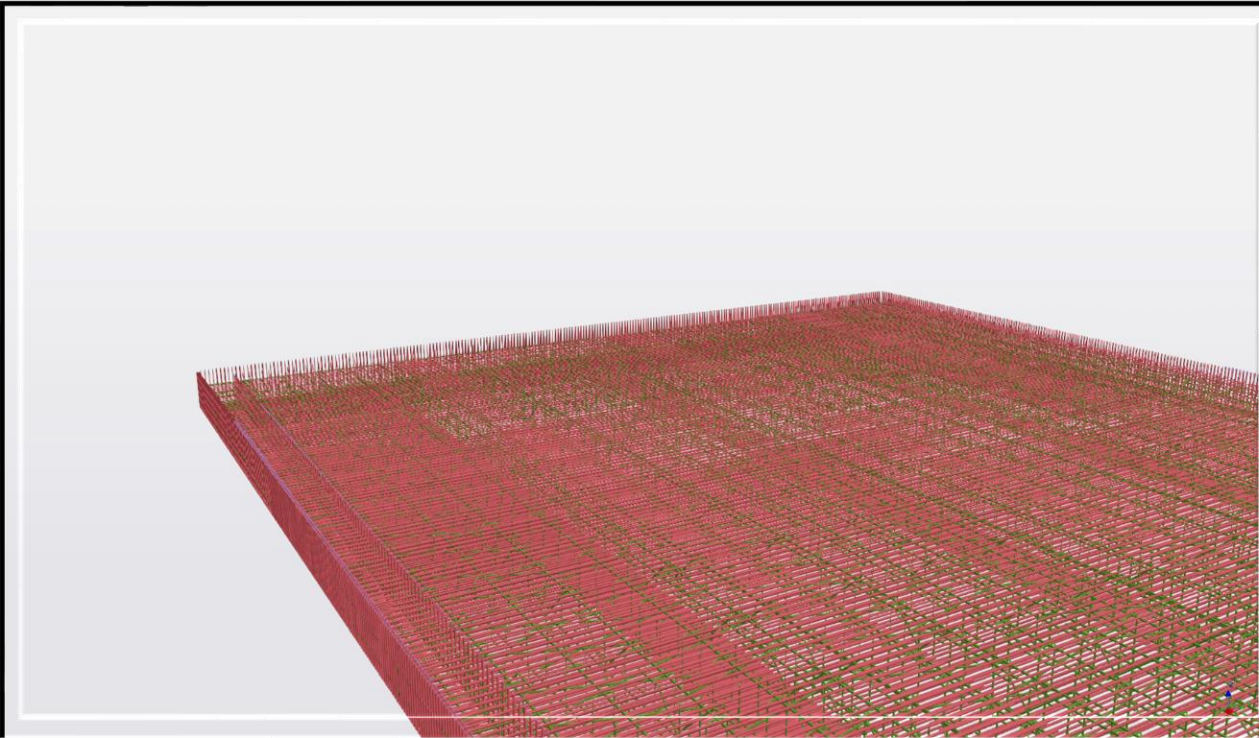
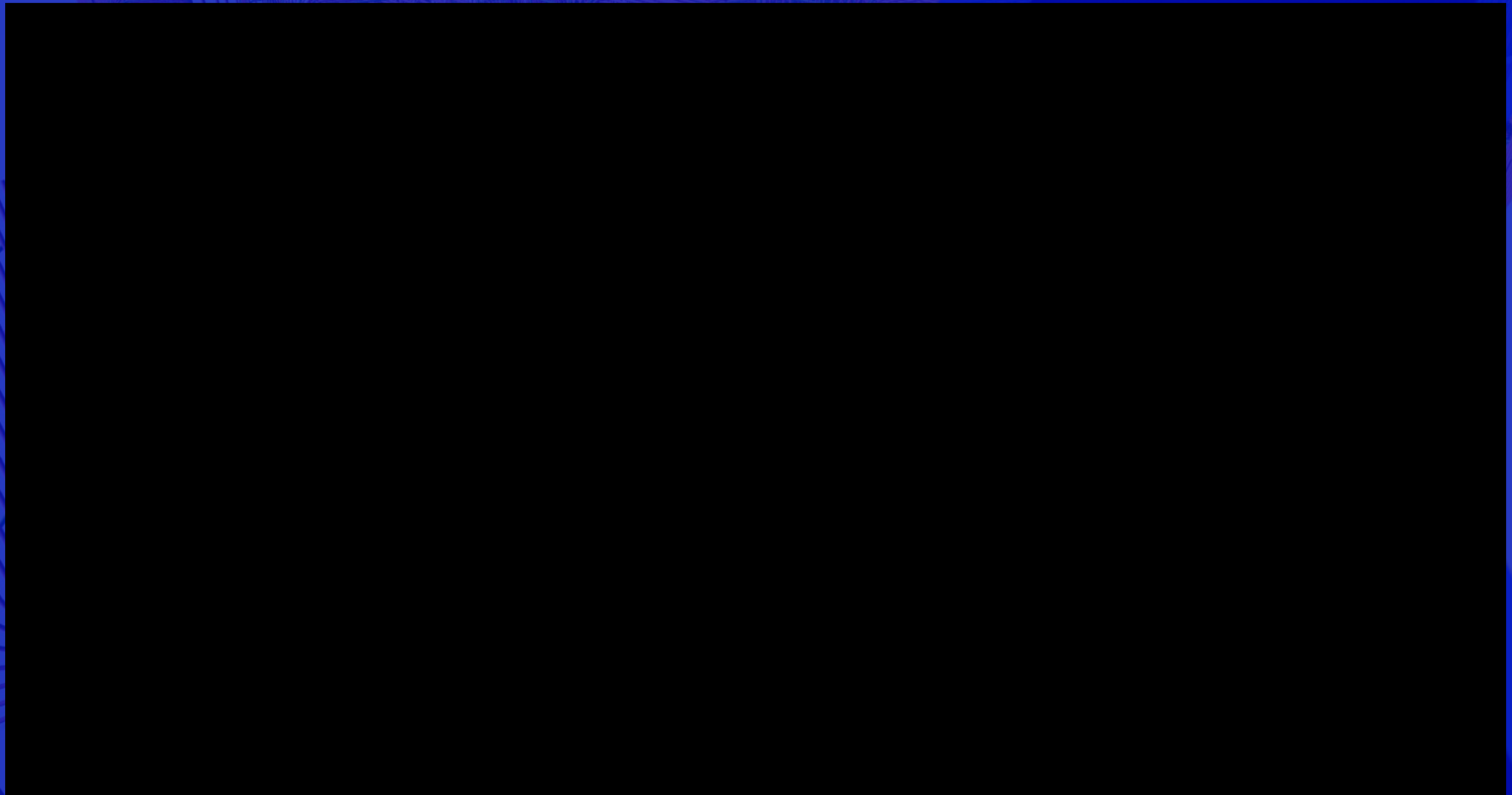


Automation

Series 2025 Work smarter, not harder

CitA25
Driving Digital Construction
for 25 years





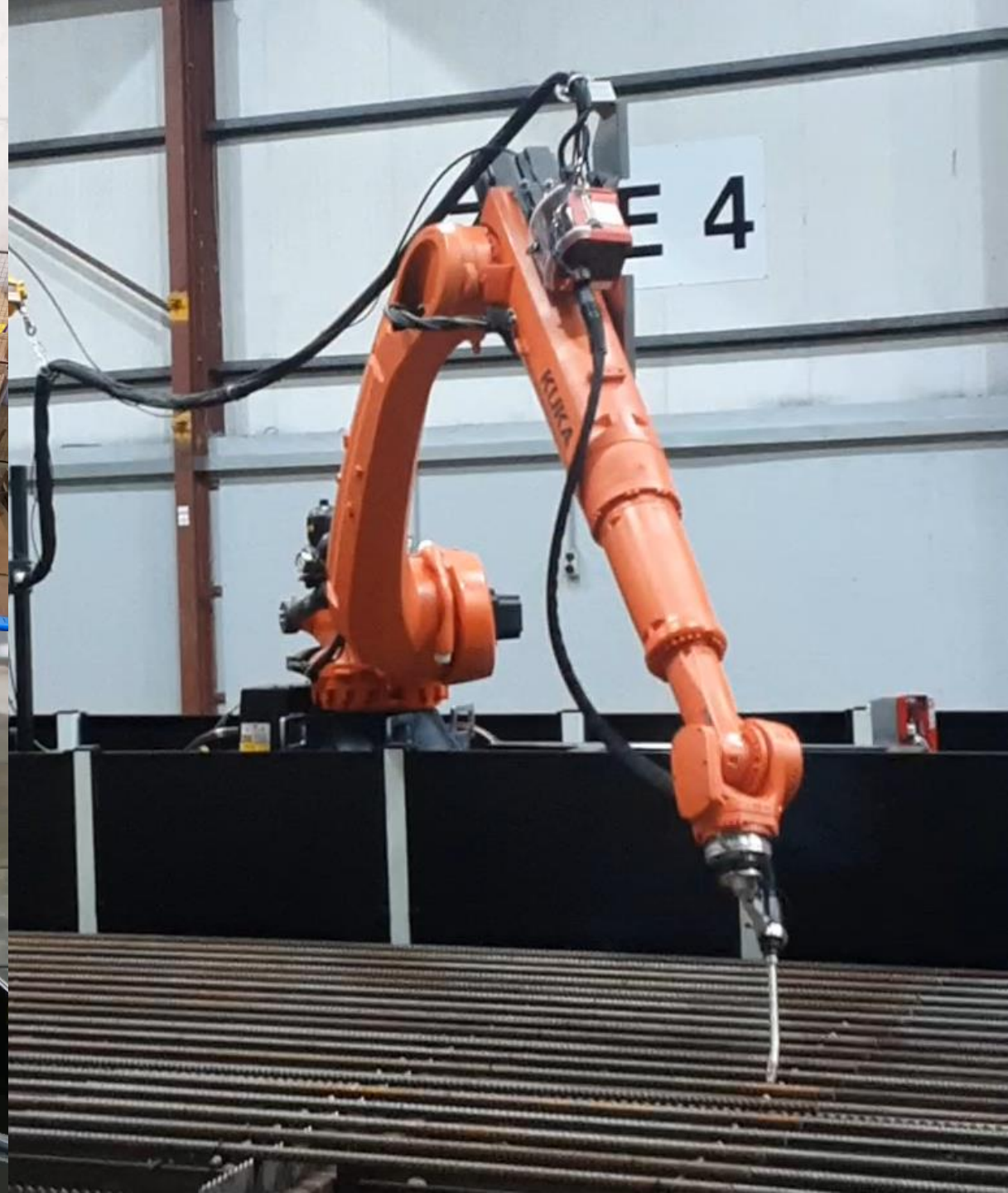
Automation

Series 2025 *Work smarter, not harder*

CitA25
*Driving Digital Construction
for 25 years*

HOW WE PROGRESSED OUR VISION

- Innovate Think outside the box .
- Enterprise Ireland /Intertrade Ireland .
- College Programmes. Queens University/UCD/SETU .
- Grant assistance
- Graduate programmes ,
- R&D Advice . Was it applicable ?





FASTERFIX

Installation Day 1

*** JIT Delivery 1**

By Using Automation



FASTERFIX

7 AFFORDABLE AND CLEAN ENERGY



➤ Reduced CO2 Emission



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



➤ Reduced Time on Site



13 CLIMATE ACTION



➤ Reduced Material waste Savings



17 PARTNERSHIPS FOR THE GOALS



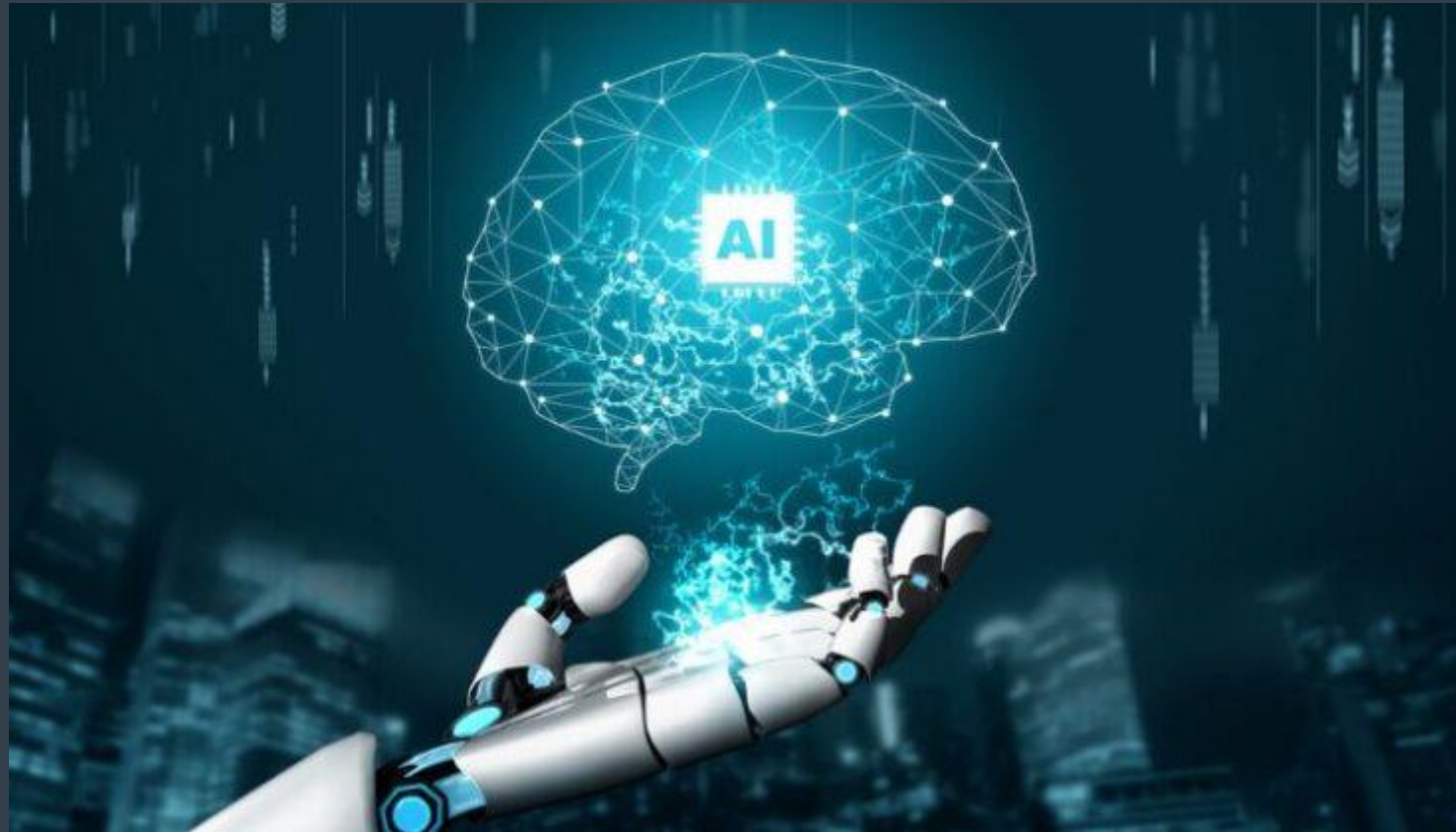
Automation

Series 2025 Work smarter, not harder

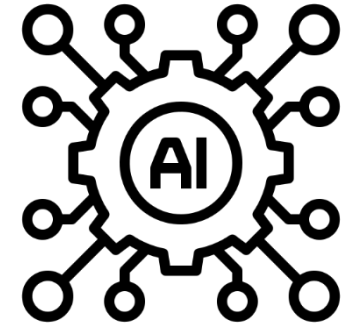
CitA25

Driving Digital Construction
for 25 years

The world off AI Next Step Automation



The use of Artificial Intelligence in Construction



- **Planning & Design**
- **Site Safety**
- **Sustainability**
- **Automation**

PA



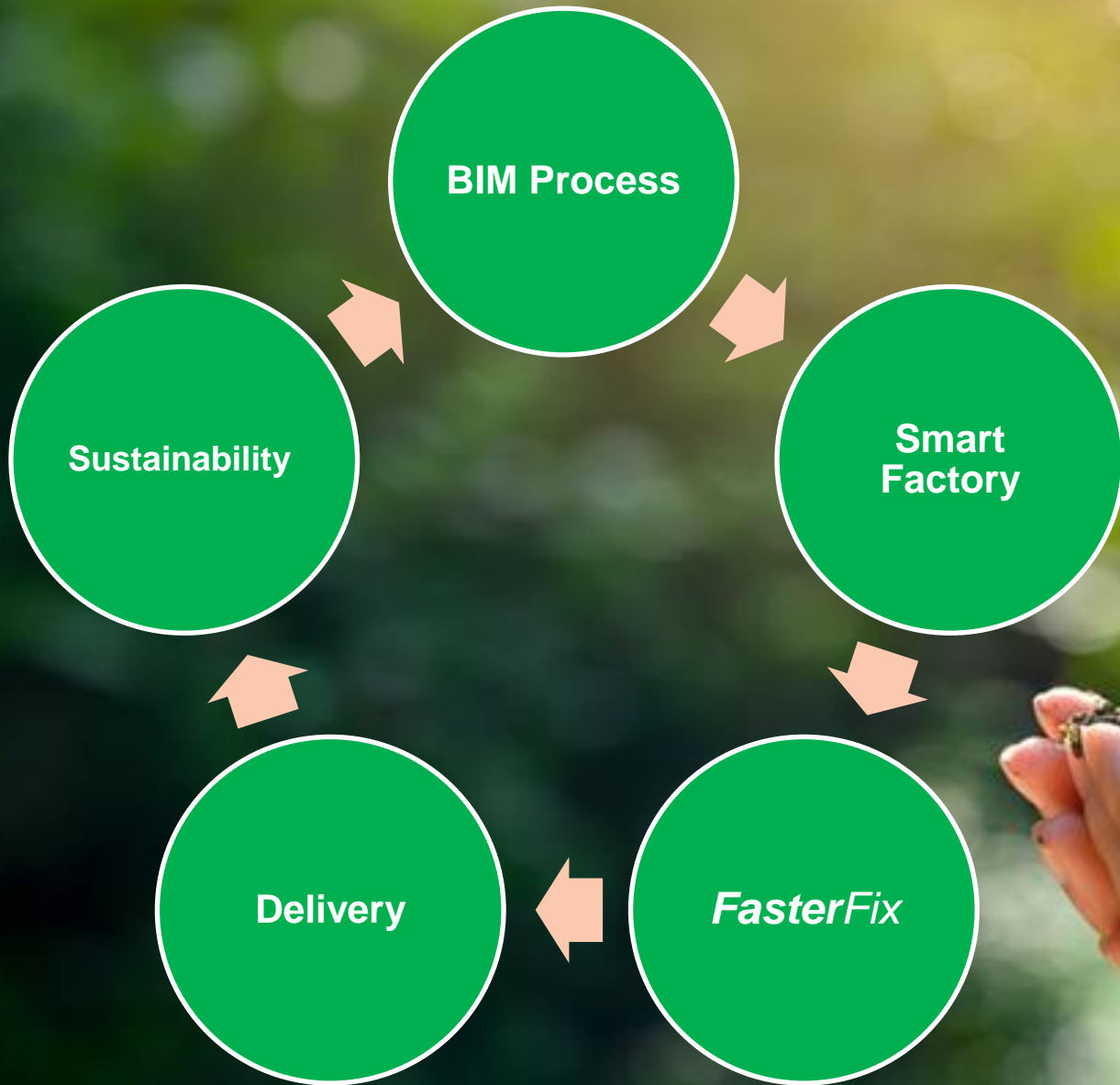
Advances in robotics, AI, and machine learning herald a new era of breakthrough innovation and opportunity

Harnessing these evolving technologies will unlock multiple benefits for companies

About half the activities carried out by workers today have the potential to be automated

Technology will also help create new jobs and new opportunities for generating income, and will help labour markets function better

Midland Steel in 2025



FASTERFIXTM

Better for the planet

MS Europe's Greenest Steel Offsite Smart Factory Portlaoise Fully Automated Now Open



- **Lessons Learned on the journey**

Communication off the vision is critical to its implementation & success

Engage with all stakeholders for Support

Test the market intelligence with extensive research , Don't invent it twice

Patent your process if it's a world first .

R&D grant advice and support (Readi watch) essential if claiming R&D

Engage with Enterprise Ireland and your DA . As early as possible .

Share Knowledge in your local Cluster Atim-Cluster Midlands . (it will surprise you companies & services that are in Ireland you're not aware of)

Don't be afraid to break Boundaries .

Automation

Series 2025 Work smarter, not harder

CitA25

Driving Digital Construction
for 25 years

Thank you for your time

Tony Woods

Tony@midlandsteel.co.uk