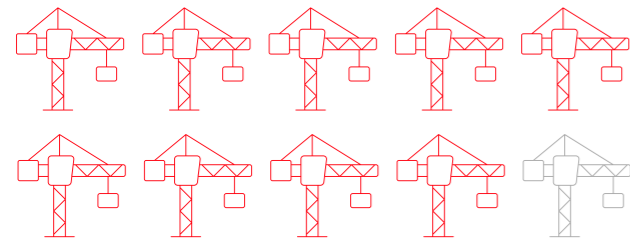


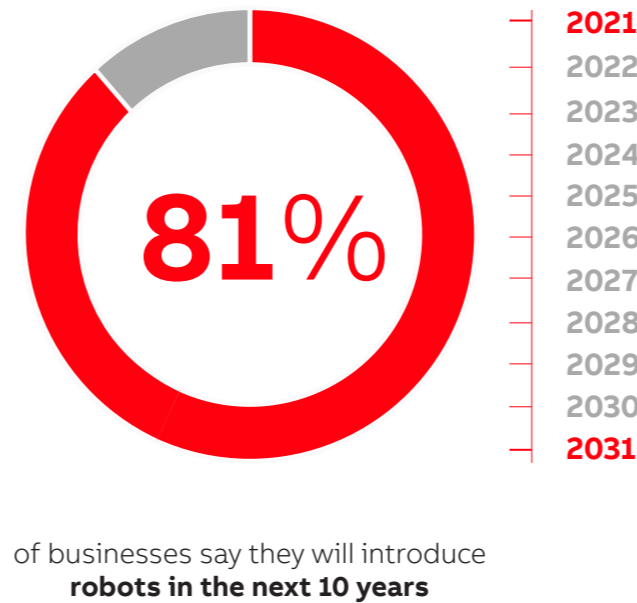
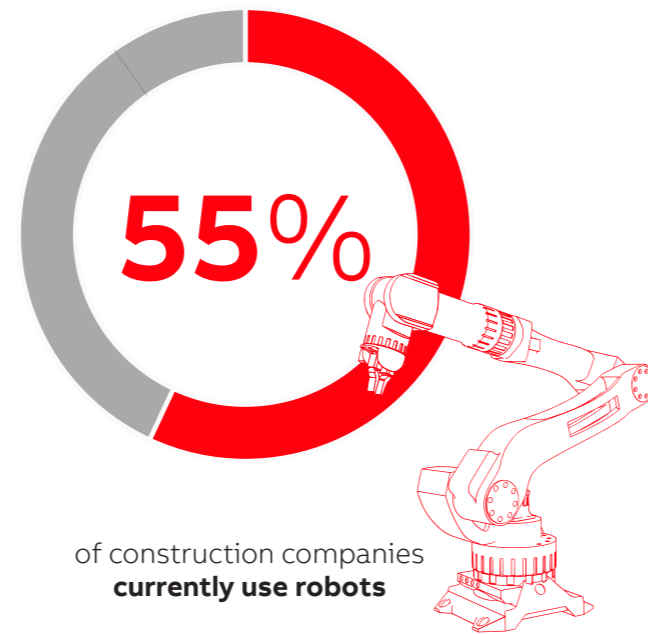
Construction industry needs high-tech automation to solve global job crisis

ABB-sponsored survey reveals that 91% of businesses will face a critical skills shortage over the next 10 years. To solve this, ABB Robotics is at the forefront of a new approach focusing on cutting-edge digital automation.



9 out of 10

construction businesses predict a skills crisis by 2030



vacancies for low- and high-skilled workers in the EU in Q2 2020

How can ABB Robotics make a career in construction more attractive?

30%

SAFETY
Construction workers account for 30% of workplace injuries and are 4x more likely to be involved in a fatal accident vs other sectors. **Robots can boost safety** by handling large and heavy loads and working in unsafe spaces.

MORE INTERESTING JOBS
Using robots for “boring” jobs means automation can make careers in construction **more appealing to young people.**

DIGITAL GENERATION
Automation **suits the experience and imagination** of the next generation of engineers.



PREFABRICATION
Turning to robots to produce modular homes can **increase production by 15%, and reduce build time by 38% and waste by 30%.**

INNOVATION
ABB has helped establish the world’s first laboratory for collaborative robotic digital fabrication in architecture, at ETH Zurich.

3D PRINTING
The largest, large-scale ABB Robotics 3D printing technology has been unveiled to inspire architects.

“
With so few construction businesses using automation today, there’s huge potential for us to transform the industry through robotics.
”

Sami Ataya,
President of ABB Robotics & Discrete Automation