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ABB Robotics: Pushing the boundaries of technology to transform industry

Andie Zhang – Leading Collaborative Robotics at ABB



Accelerating vaccine development



Mahidol University
Faculty of Engineering

Increase the Vaccine Traceability Throughout the Production

- State-of-the Art Technology
- Accuracy
- Safety
- Fast
- Reliability

- **Rapid repetitive testing with high precision and reduced mistake**
- **Reduced infection risks to human professional**
- **A new platform for vaccine development**



Key mega-trends driving demand for robotics and automation

Covid accelerating the need for flexible automation

Mega-trends



Value propositions



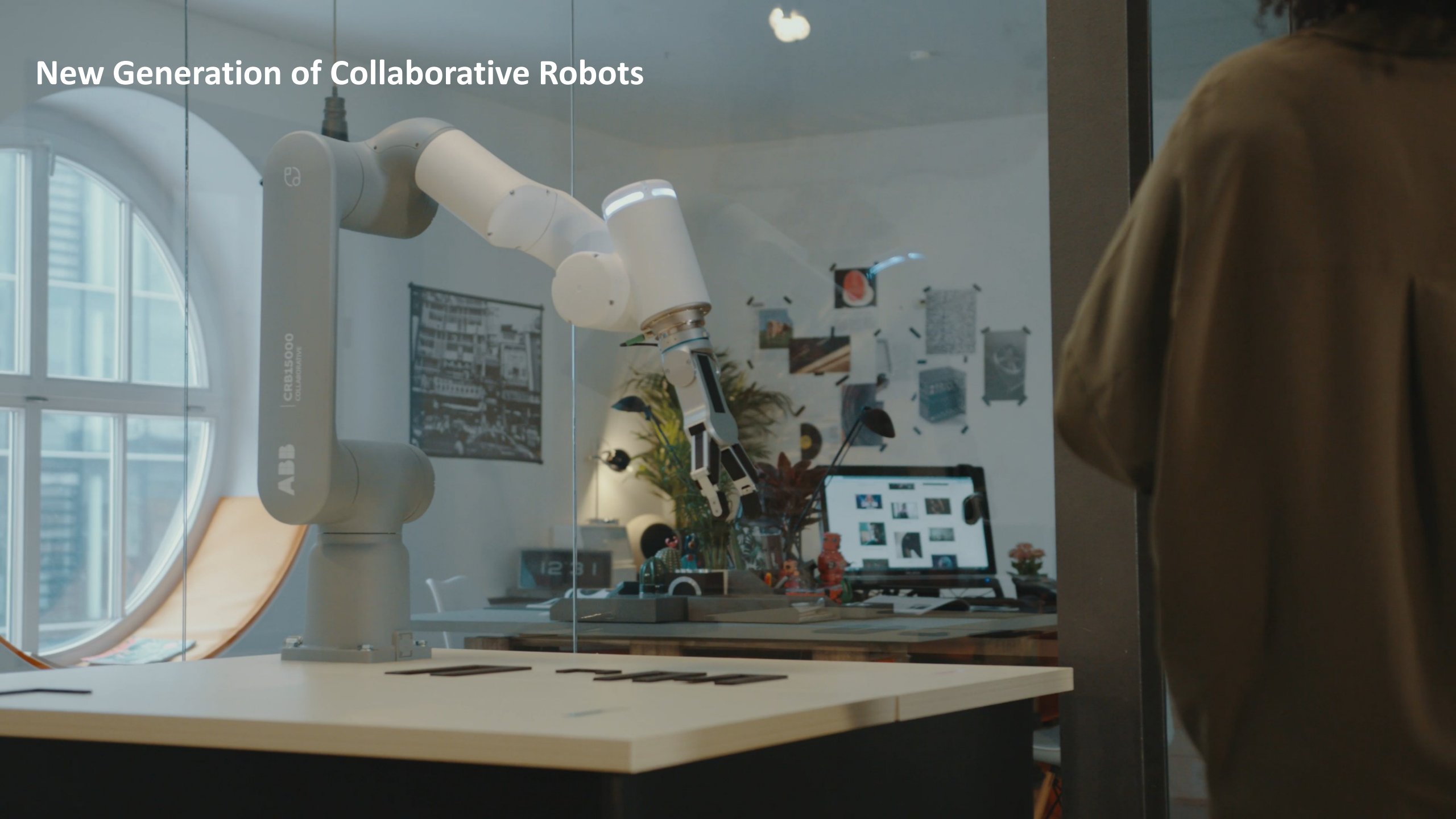
84%

of the companies surveyed
plan to introduce or
increase the use of
robotics in the next ten
years*

*ABB Industry Study January 2021, survey of 1,650 large as well as small and medium-sized enterprises in Europe, USA and China



New Generation of Collaborative Robots



New Generation of Collaborative Robots

To help businesses large and small to automate their tasks

Easy to use



Flexibility



Safety



Collaborative robots are here to help people







This is the decade where robotics and automation will change the way we work, improving the nature of work and helping to advance society.

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