

Artificial Intelligence and the Future of Automation

Utopia or jobless nightmare?

Myth, Beliefs or Facts?

“Robots kill jobs.”

“Automation reduces labour requirements.”

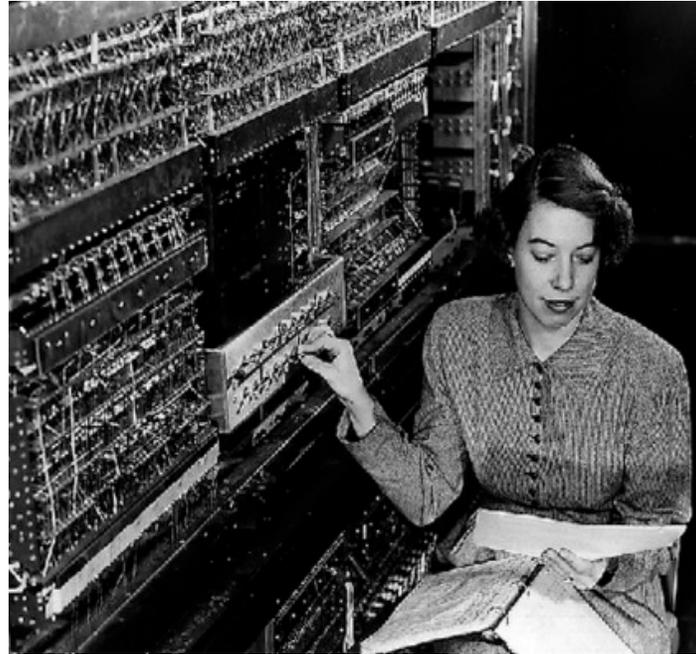
“Artificial intelligence is dangerous.”

“Term: Driverless Technology.”

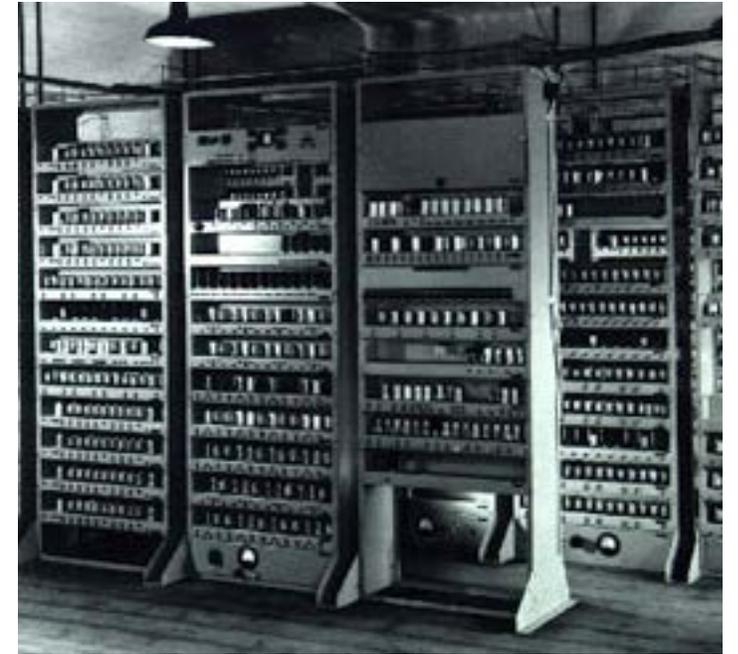
Case Study: Computers



Human Computers



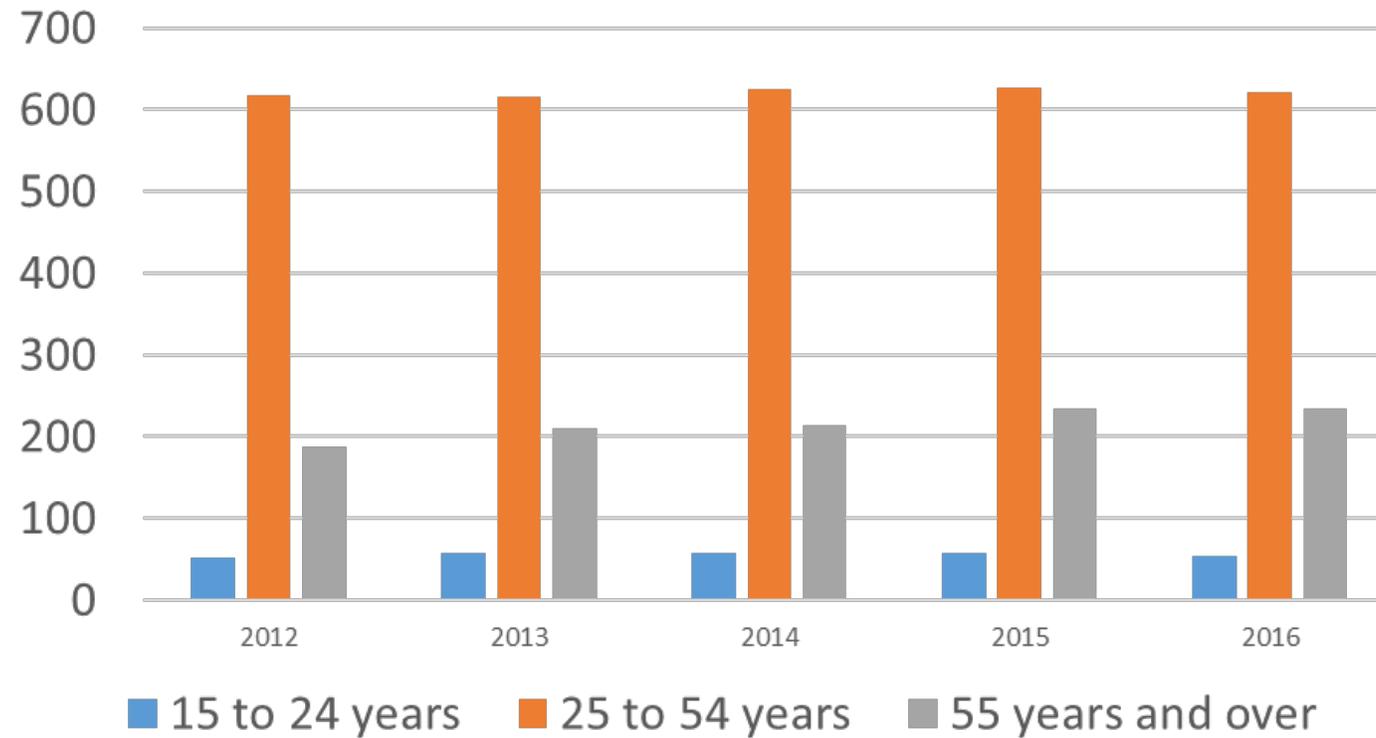
Human Assisted Computers



Automatic Computers

“Robots will put me out of a job.”

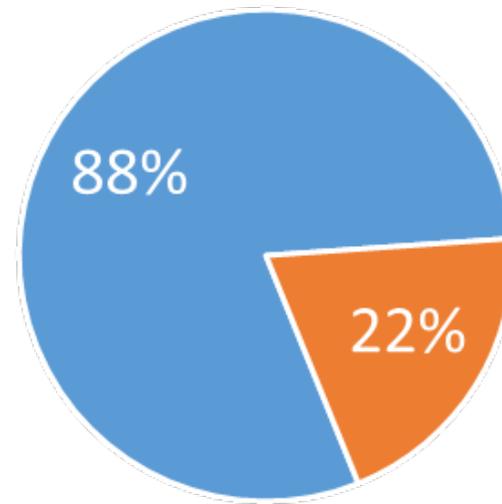
Canadian Transportation and Warehousing
(In 1000's of Employees)



“Automation reduces my labour.”

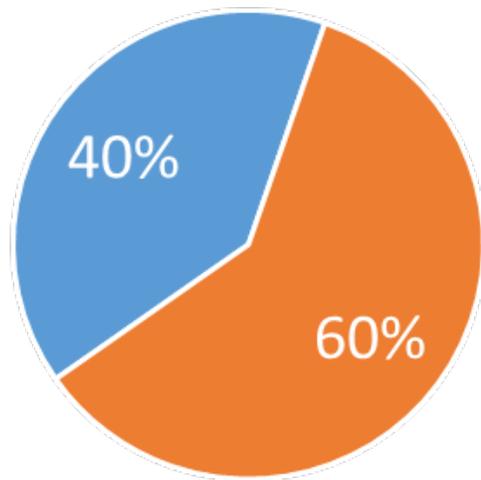
Additional Training Required

■ Skill Training ■ No Change



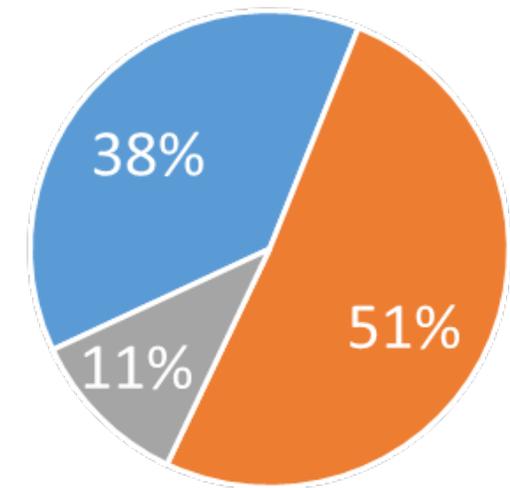
Technology Investment

■ Increase ■ No Change

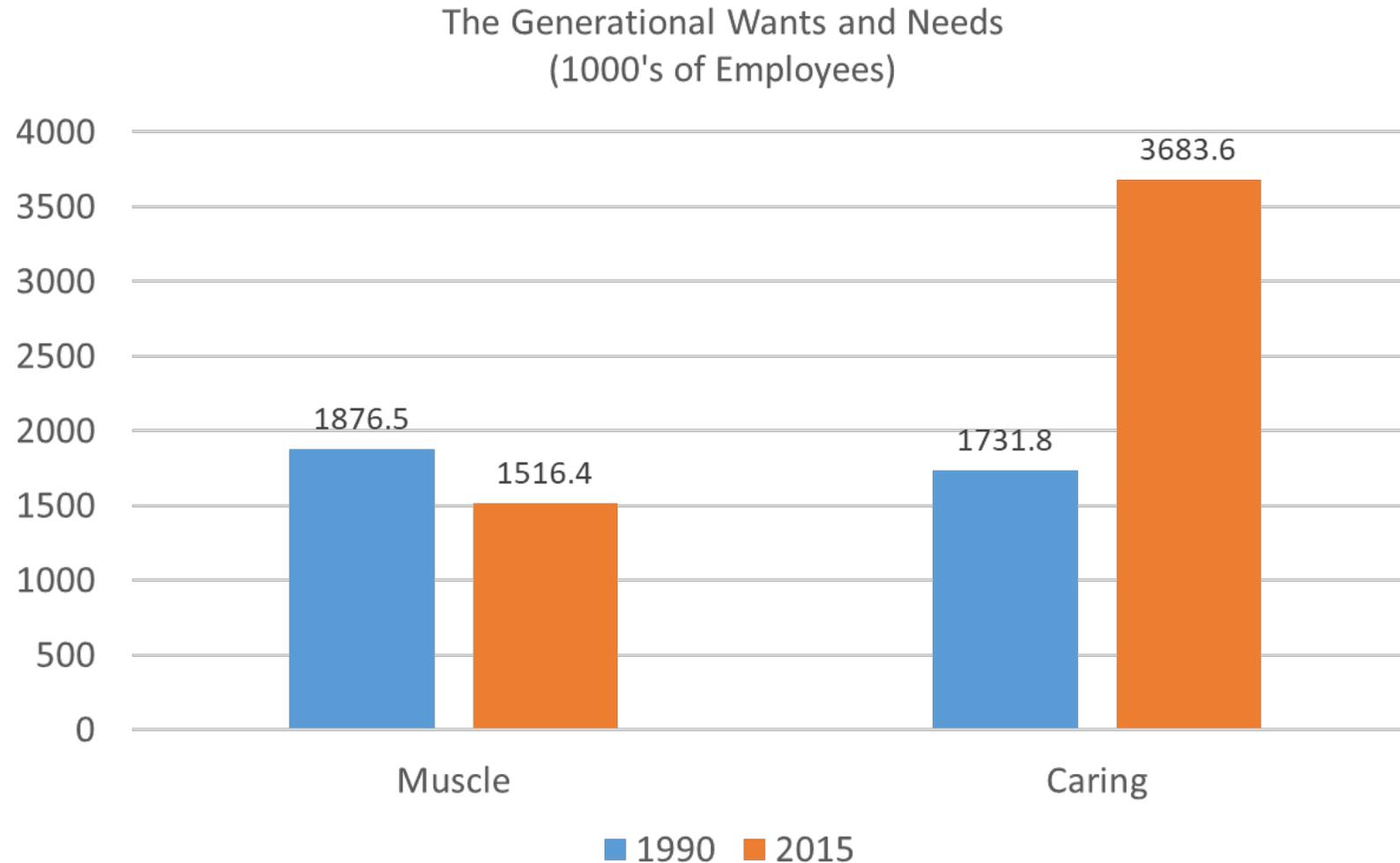


Labour Required

■ Increase ■ No Change ■ Decrease



Labour Switching?



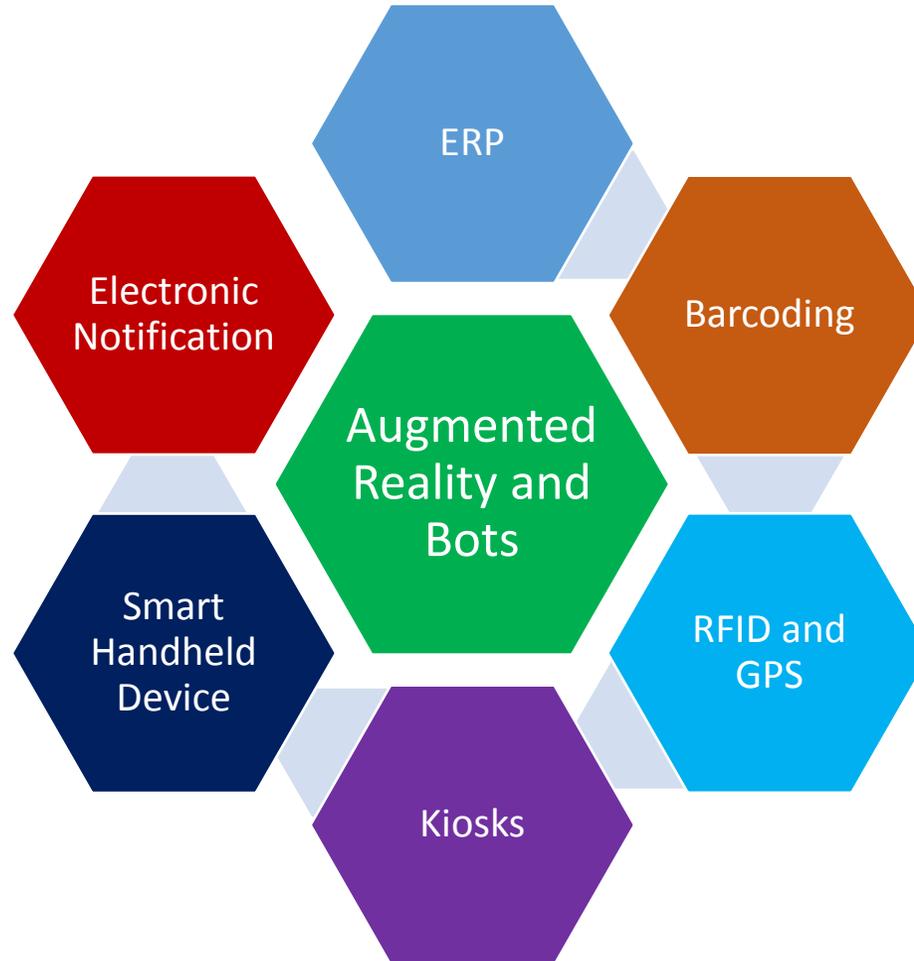
“Artificial Intelligence will control us.”

What people both believe and are actively developing AI to solve.

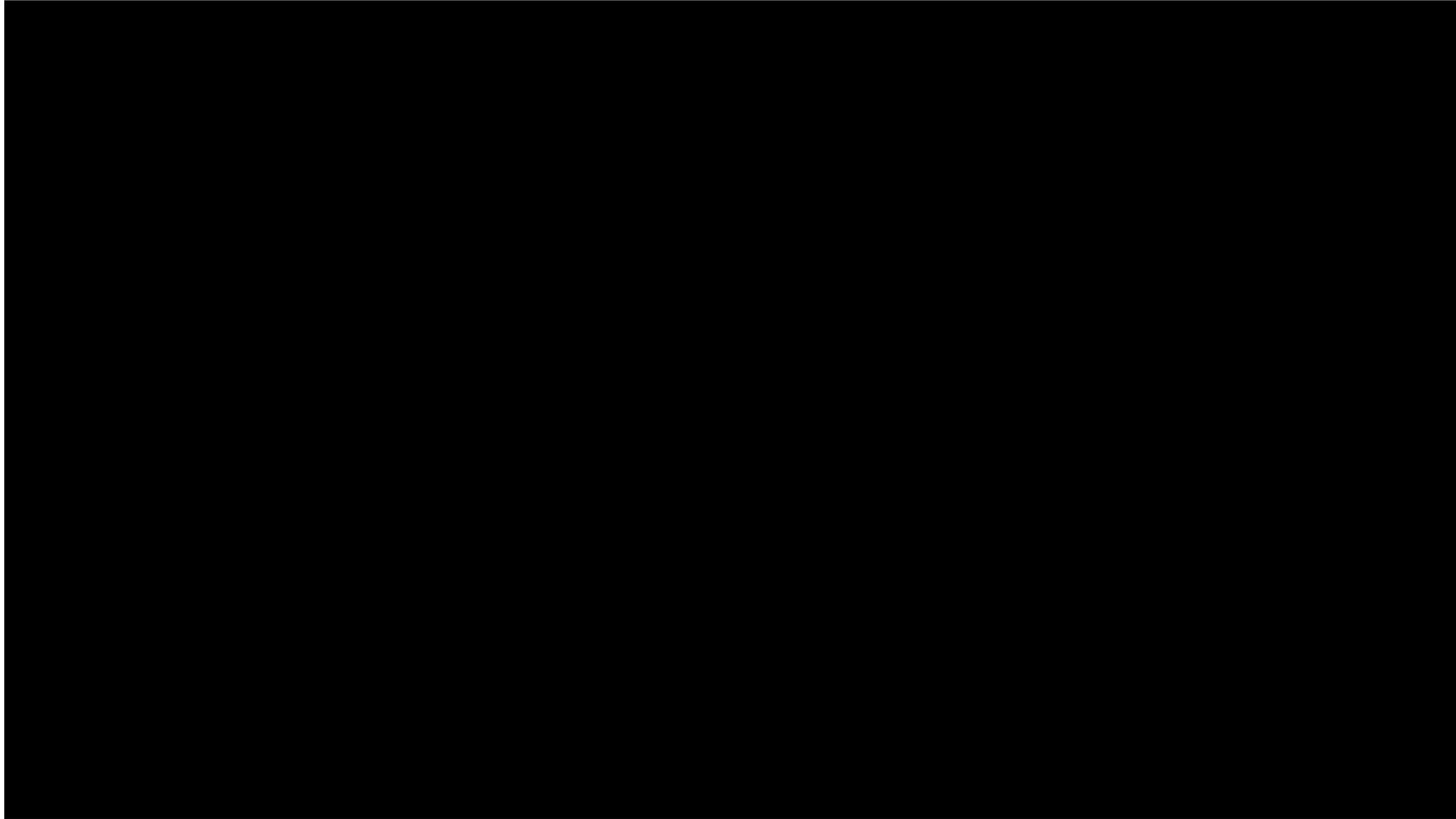
Importance of AI being used to help solve:



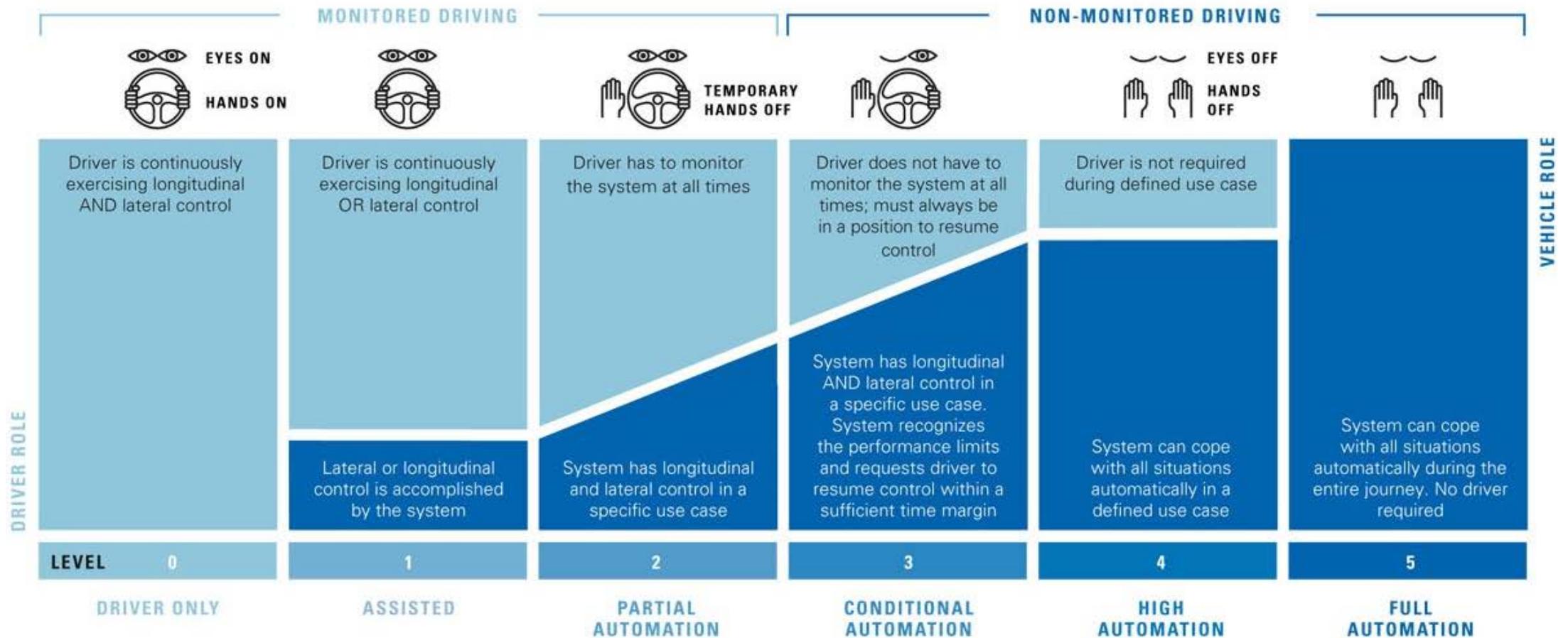
Technology Investments and Integration



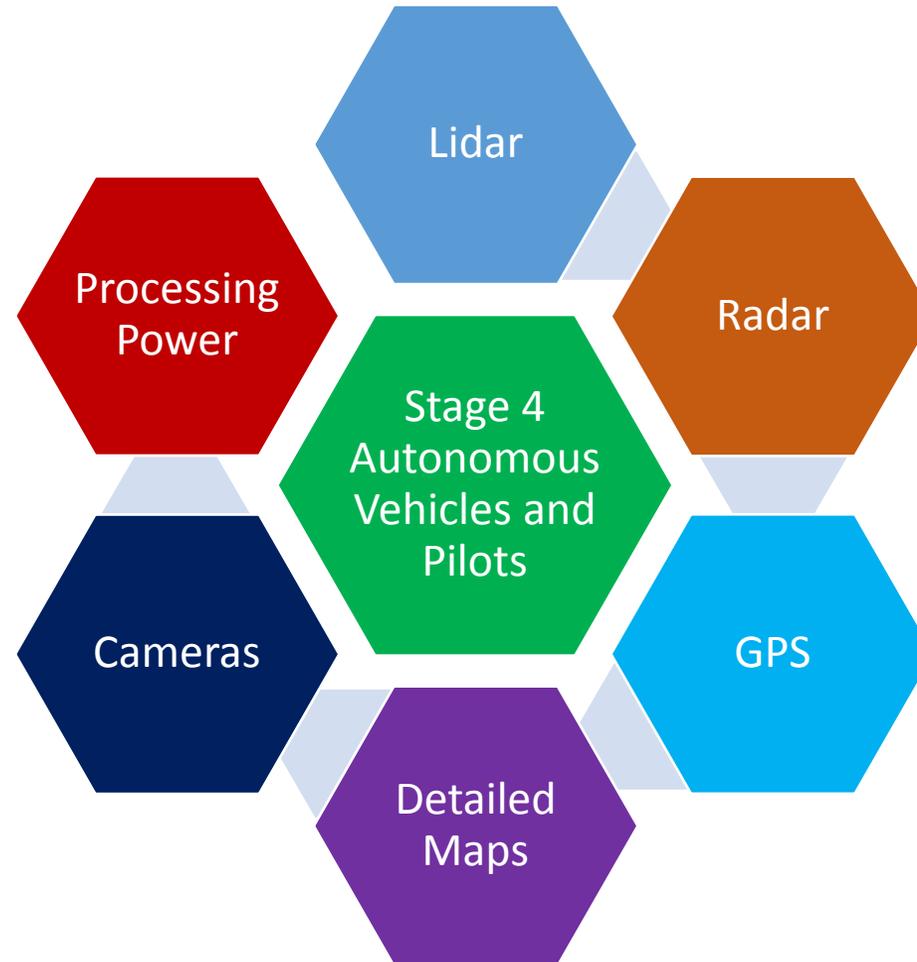
Technology Investments and Integration



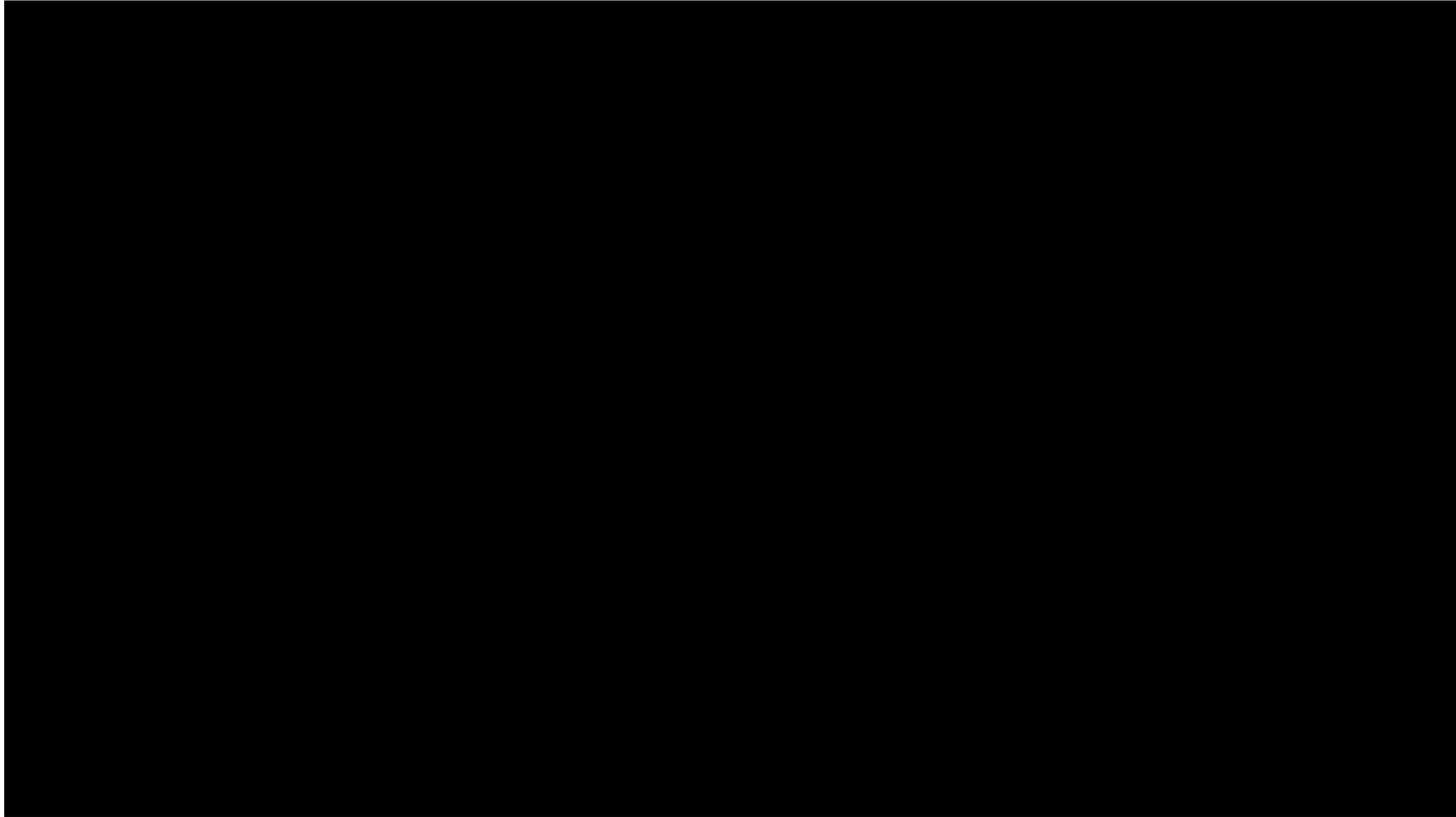
“The Term: Driverless Technology.”



Technology Investments and Integration



Technology Investments and Integration



Our Conclusions

Automation, technology and higher skilled employees are critical to competitive advantage.

These skilled operators and automated efficiencies will increase earnings, not necessarily decrease labour.

New generations want innovative social positions with more prestige.