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ג'מיל אסתיתה
Head of Industry 4
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The roadmap for Industry 4.0/5.0

Adir Oren- Trunovate CEO

TRUNOVATE 
By Contel



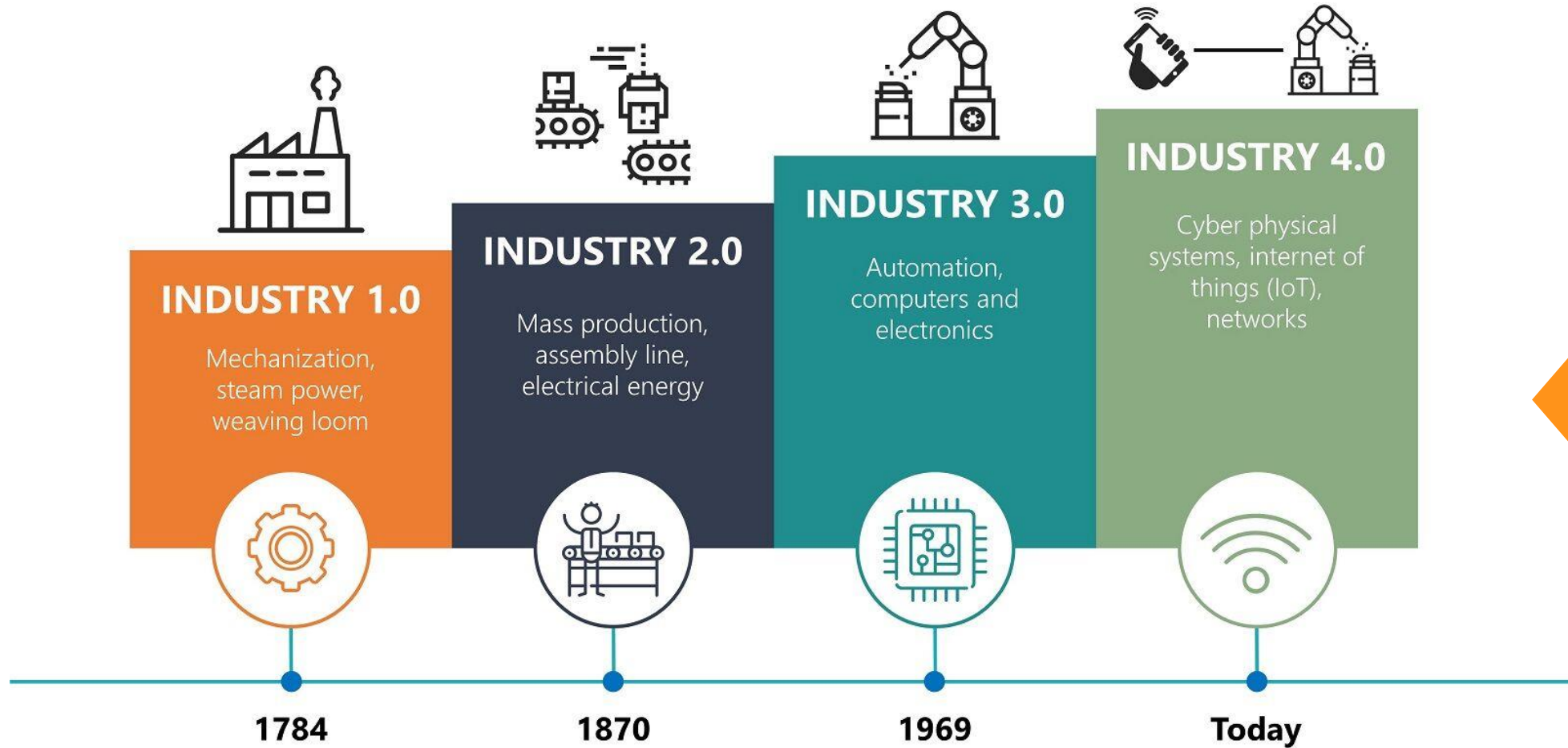
- ★ 16 Years of Experience in the Industry
- ★ 80+ Customers Local & Global
- ★ by Contel Technology group
- ★ 40 engineers specializing in Industrial solutions
- ★ Specializing in Smart Manufacturing Solutions

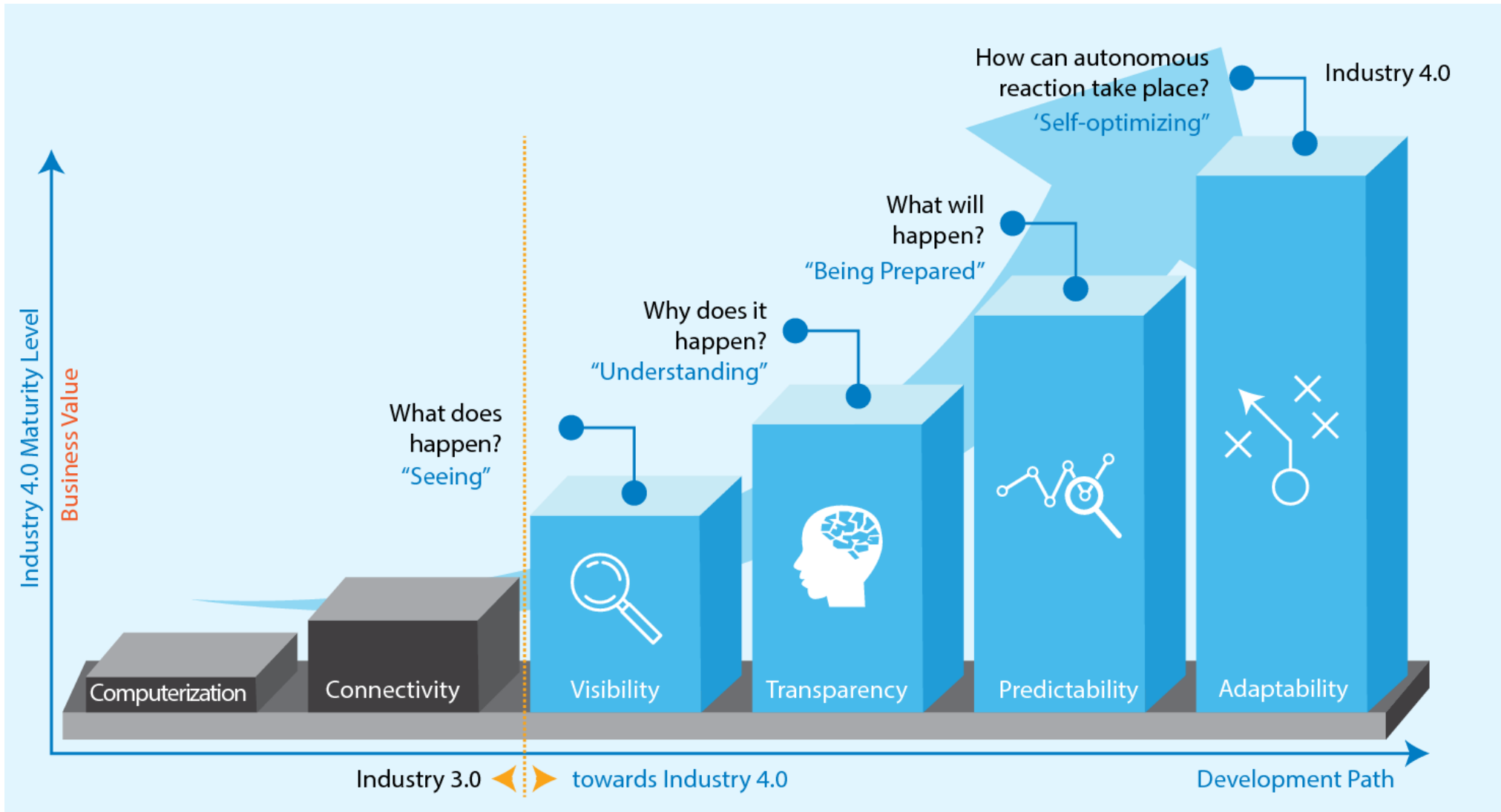


Fields of Expertise

- ✓ Industrial Automation
- ✓ Manufacturing Execution Systems (MES)
- ✓ Machine Vision
- ✓ Building Control
- ✓ Analytical Process Control
- ✓ Industrial Robots & Cobots
- ✓ Industrial Cyber Solution







Industry 4.0 Maturity Index

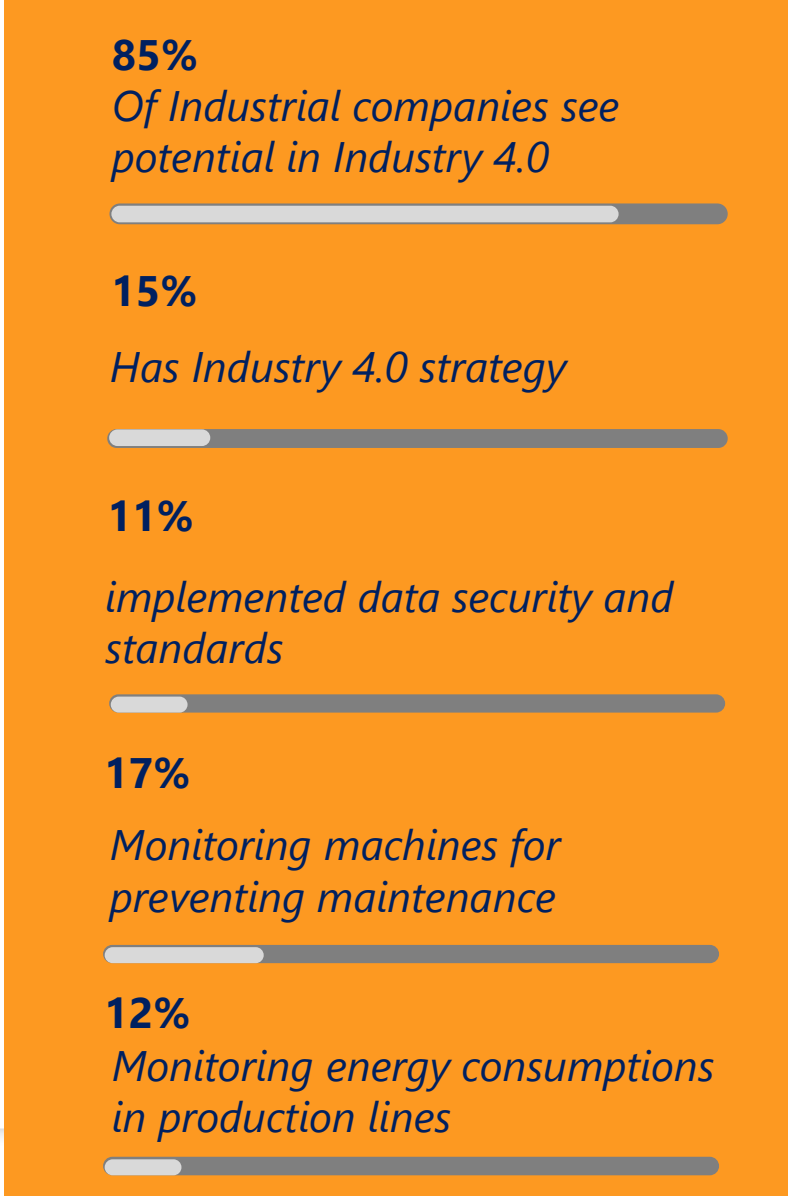
to assess their current Industry 4.0 capacities, conduct a gap analysis and define a roadmap

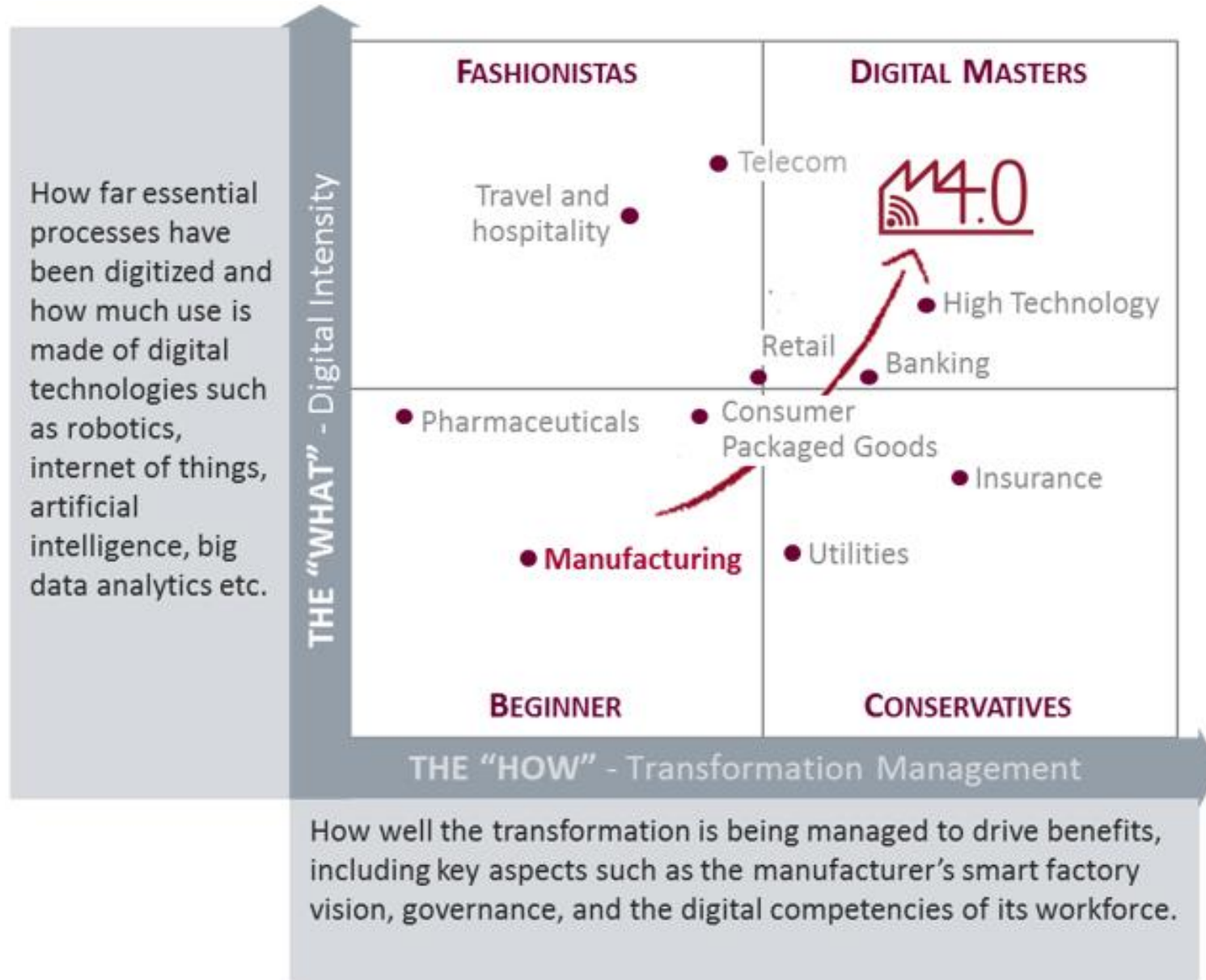
15%

Has Industry 4 Strategy Plan



While 81% of respondents are aware of the potential of machine condition surveillance for enhancing maintenance, only 17% have put such principles into practice (Infosys Industry 4.0 research)





The Intelligent Factory

Real-time Data

Voltage, Kwh, Running Time
Temperature, Vibration



Information

Analyze

Energy/Product, OEE,MTBF

Knowledge

Learn & Predict

Predict M1 will fail in 5 hours

Wisdom

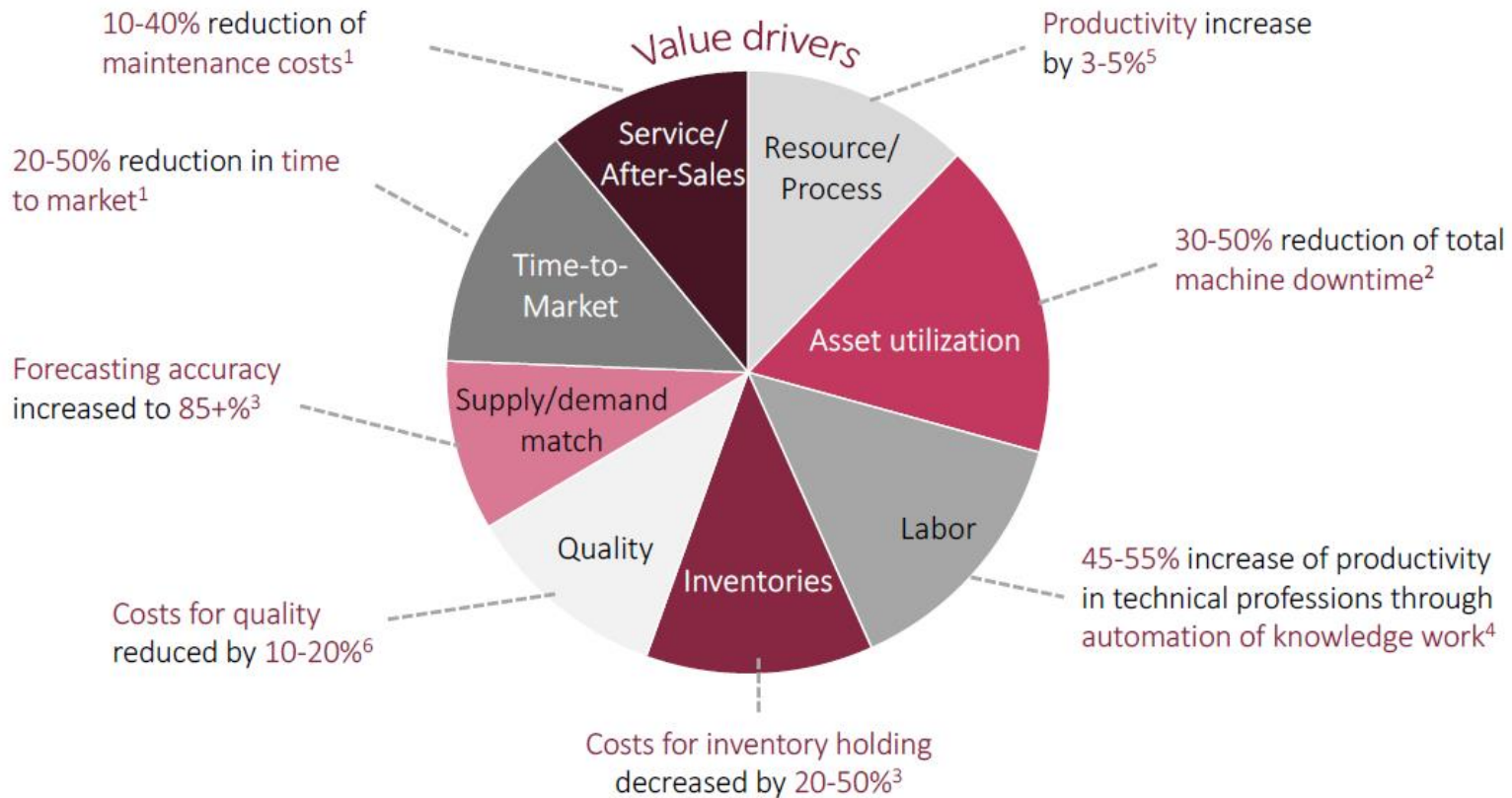
Optimize

More efficient manufacturing process



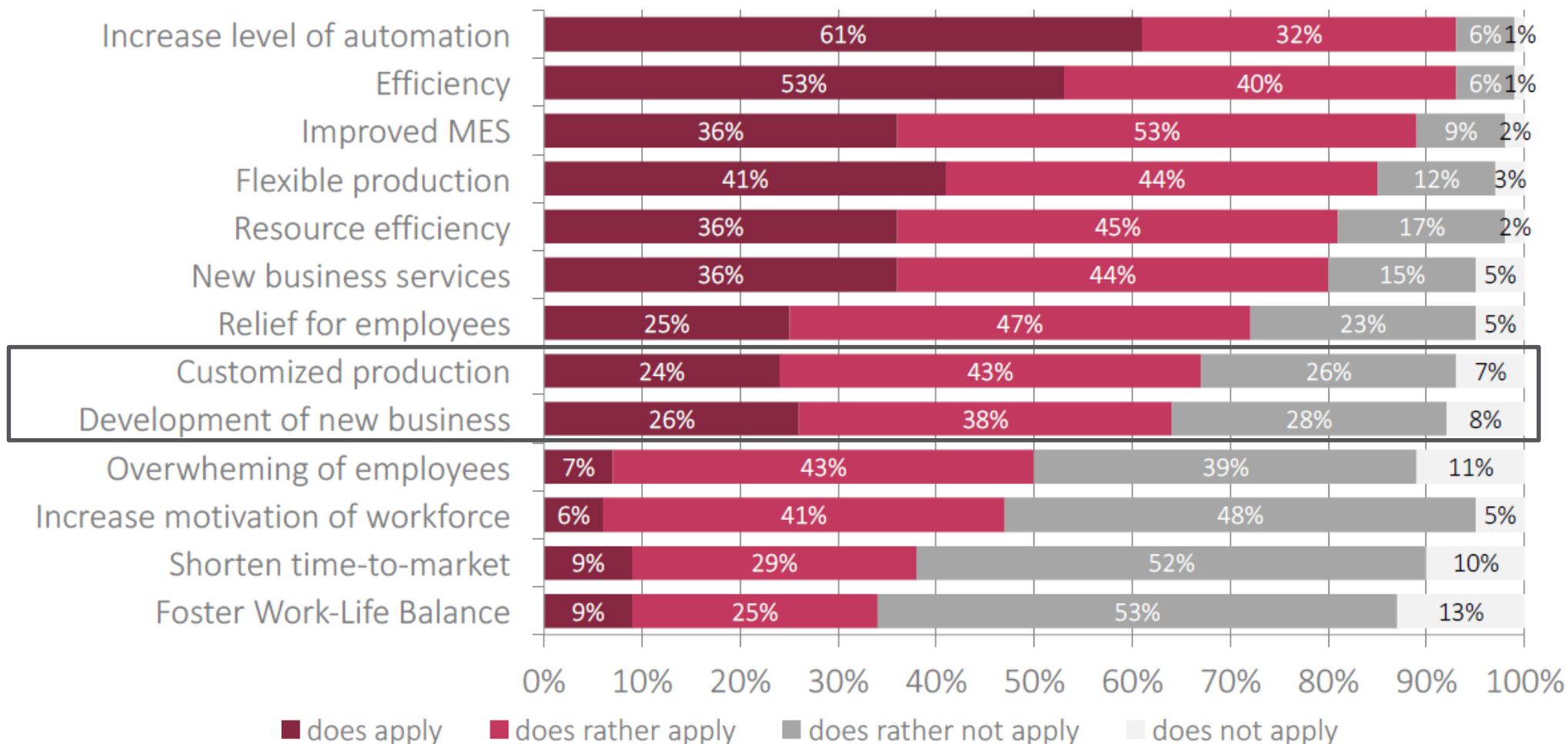
Indicative Opportunities of Industry 4.0

Value Drivers for Potentials according to McKinsey





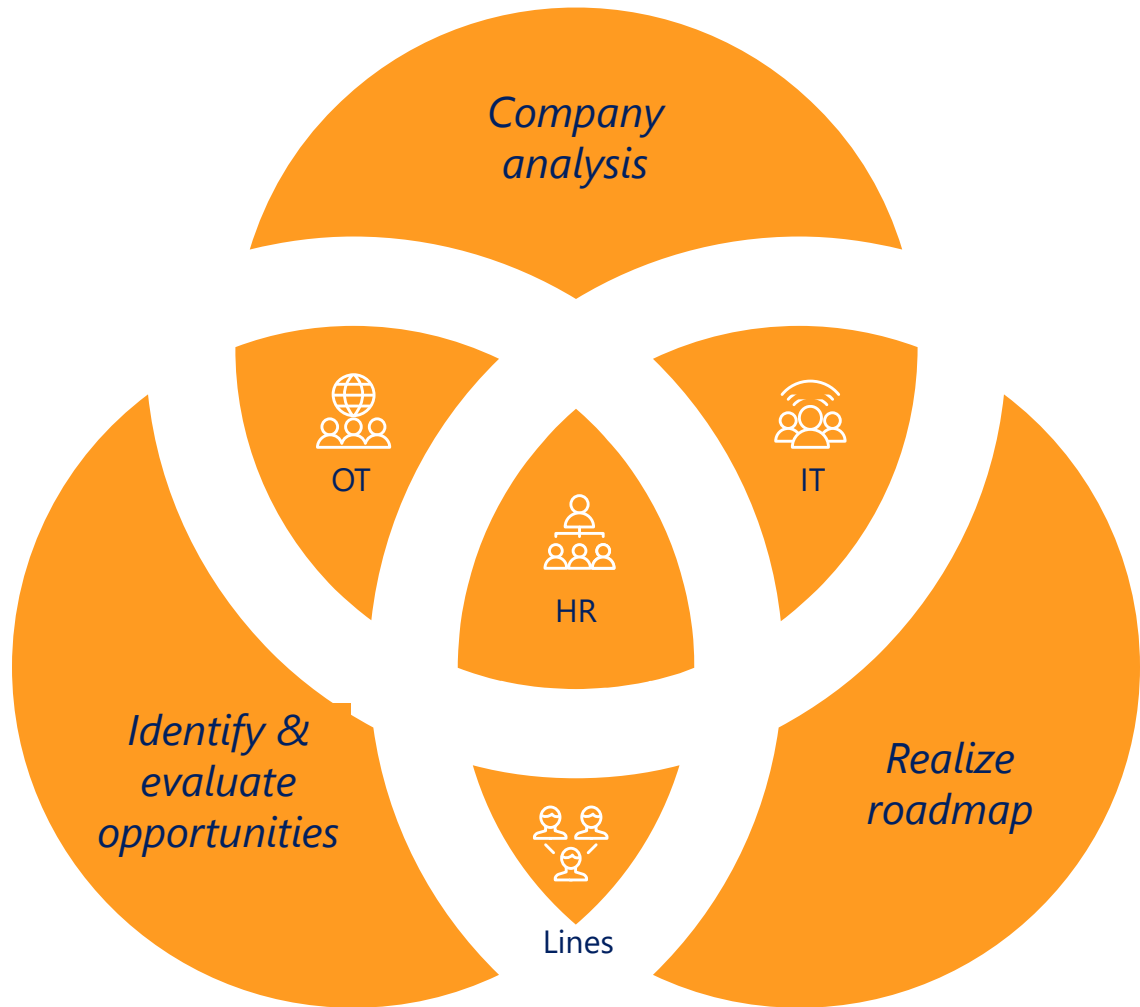
Which of the following opportunities by Industry 4.0 do you consider realistic?





Keep it simple approach

The Industry 4.0/5.0 smart plan



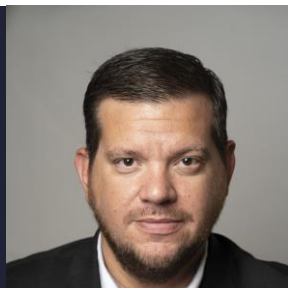
- | | | |
|----------|--|---|
| Analyze | | <ul style="list-style-type: none"> ➤ Infrastructure analysis ➤ Organization requirements ➤ Strength/weakness |
| Evaluate | | <ul style="list-style-type: none"> ➤ Creation of opportunity matrix ➤ Feasibility check & awareness ➤ Investment calculation |
| Plan | | <ul style="list-style-type: none"> ➤ Realize roadmap ➤ Short success ➤ Support guidelines |



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By Contel

Thank You



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