

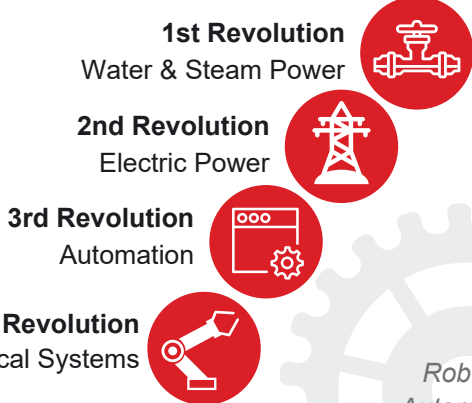
# From Industrial Revolution to Digital Innovation

January 26th 2018, Birmingham City University

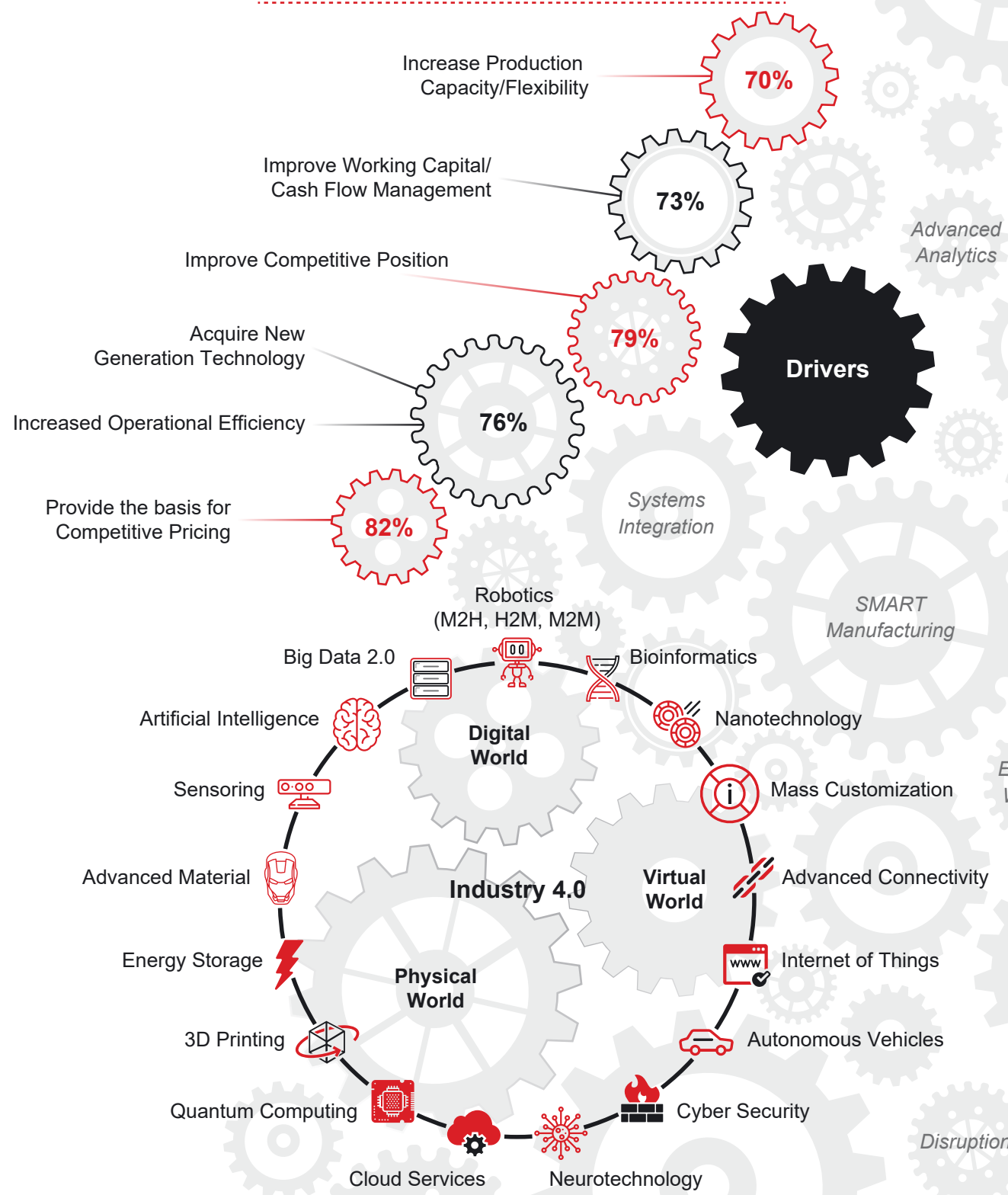
Highlights of the Global University Alliance quantitative and qualitative analysis of 1398 companies from 26 countries across 17 industries by analyzing investment, performance, current behaviours, patterns and future intent.

**The venue of the event is located at:**  
Birmingham City University, Innovation Birmingham  
Faraday Wharf, Holt St.  
Birmingham B7 4BB  
United Kingdom

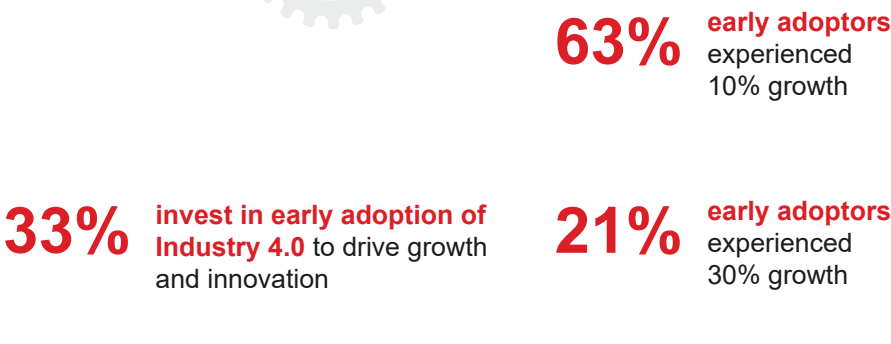
## The Four Industrial Revolutions



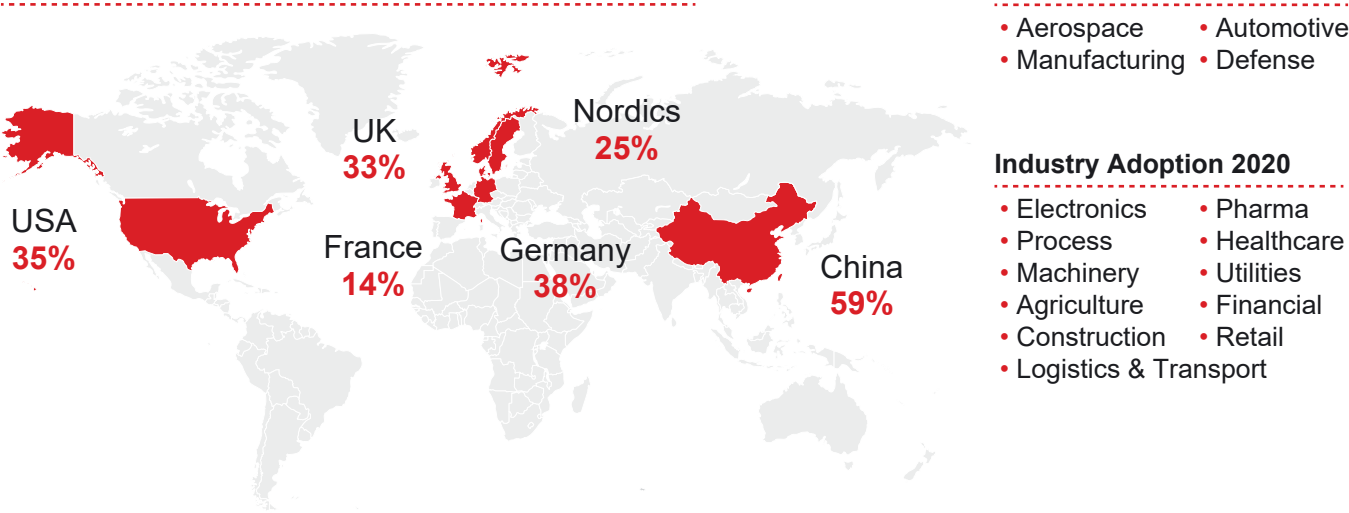
## Drivers of the industrial revolution



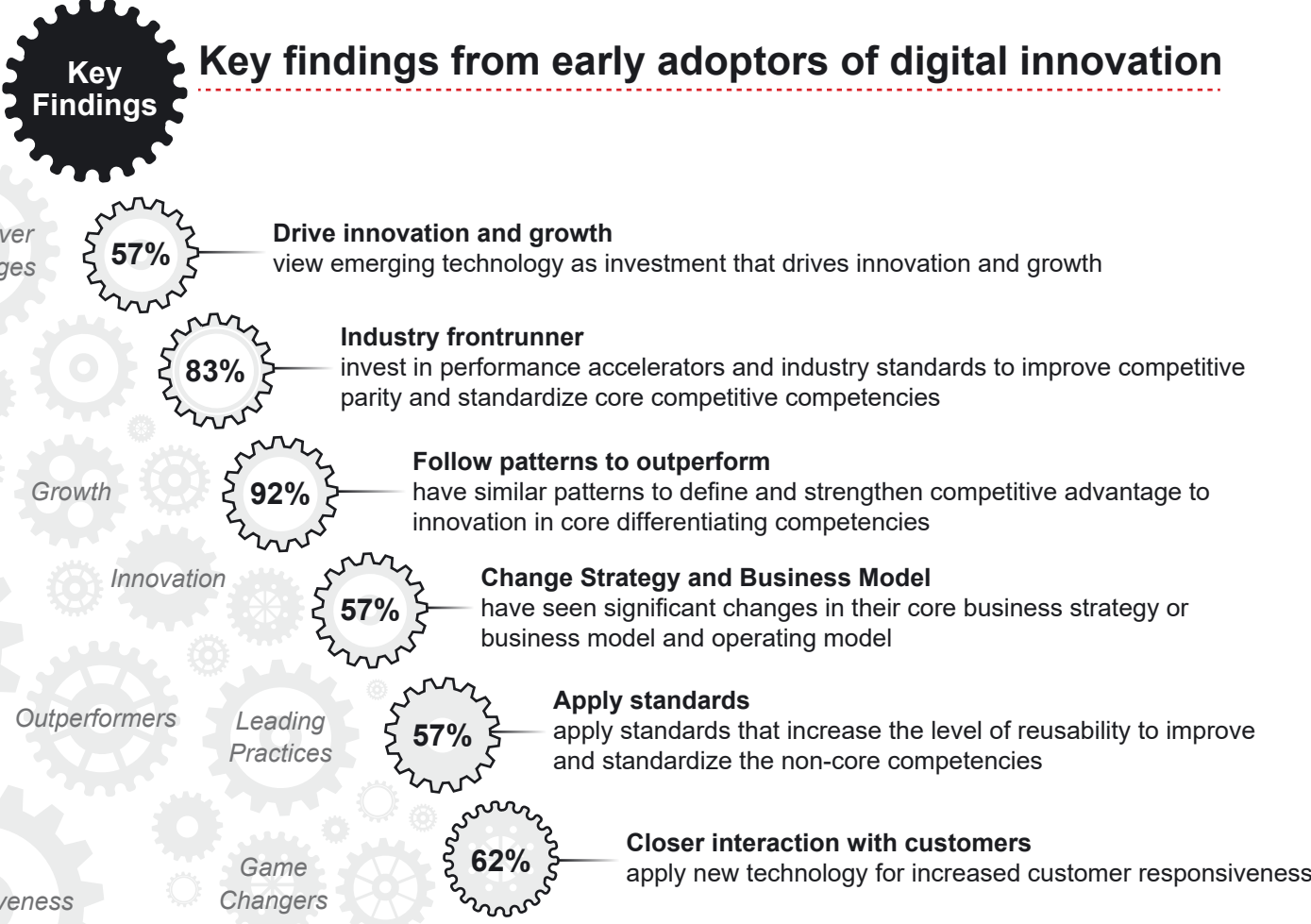
## Growth by applying digital innovation



## Country maturity in early adoption



## Key findings from early adopters of digital innovation



## Agenda for the From Industrial Revolution to Digital Innovation event

<b>09:00 AM</b>	<b>Welcome &amp; Introduction</b> Ardavan Amini, Birmingham City University Simon Polovina, Sheffield Hallam University	<b>11:25 AM</b>	<b>Using Best, Industry &amp; Leading Practices</b> Ardavan Amini, Birmingham City University Simon Polovina, Sheffield Hallam University Mark von Rosing, Global University Alliance	<b>2:35 PM</b>	<b>Health 4.0: SMART Clinical Access Systems</b> Angus Watson, Senior Director Northern Health Government of Canada
<b>09:15 AM</b>	<b>Industrial Revolutions, Challenges &amp; Changes</b> Georg Etzel, CEO at LEADing Practice Mark von Rosing, Global University Alliance	<b>12:25 PM</b>	<b>Lunch &amp; Networking</b>	<b>3:15 PM</b>	<b>Break &amp; Networking</b>
<b>10:15 AM</b>	<b>The Need for Innovation</b> Sir David Hardman, CEO of Innovation Birmingham Chair of UK Science Cities	<b>1:10 PM</b>	<b>Introduction to Industry Sessions &amp; Enterprise GPS</b> Jamie Caine, Sheffield Hallam University Hans-Jürgen Scheruhn, Harz University	<b>3:45 PM</b>	<b>Biotechnology 4.0: End-to-End Workflow Innovation</b> Thomas Olsen, Senior Executive Novozymes
<b>10:35 AM</b>	<b>Break &amp; Networking</b>	<b>1:55 PM</b>	<b>SMART Parking: Transforming A Country's Parking Environment</b> Imtiaz Murshed Executive Director Group Project Management Office National Technology Enterprises Company	<b>4:25 PM</b>	<b>Finance 4.0: Challenges &amp; Changes</b> Joshua von Scheel Sheffield Hallam University
<b>11:05 AM</b>	<b>Driving Long Term Growth in the Digital World</b> Dave Maclean, Chair of the WMCA Digital Board			<b>5:05 PM</b>	<b>Summary of the Day: Next Steps</b> Ardavan Amini, Birmingham City University Simon Polovina, Sheffield Hallam University

## Industry 4.0 Emerging & Disruptive Trends

