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Projectized Career Planning: Thriving in the Gig Economy

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**BOND
UNIVERSITY**
BRINGING AMBITION TO LIFE

PROJECTIZED CAREER PLANNING: THRIVING IN THE GIG ECONOMY

Dr. Gregory J. Skulmoski
Professor Craig Langston
Professor Alan Patching
Mr. Amir Ghanbaripour

OUTLINE

- ✓ Sustainable projectized career
- ✓ Turbulence - changing environment
- ✓ Adaptive approaches: Lean, Agile, Scrums, Kanban, etc.
- ✓ Gig economy
- ✓ Continue to develop Agile competencies

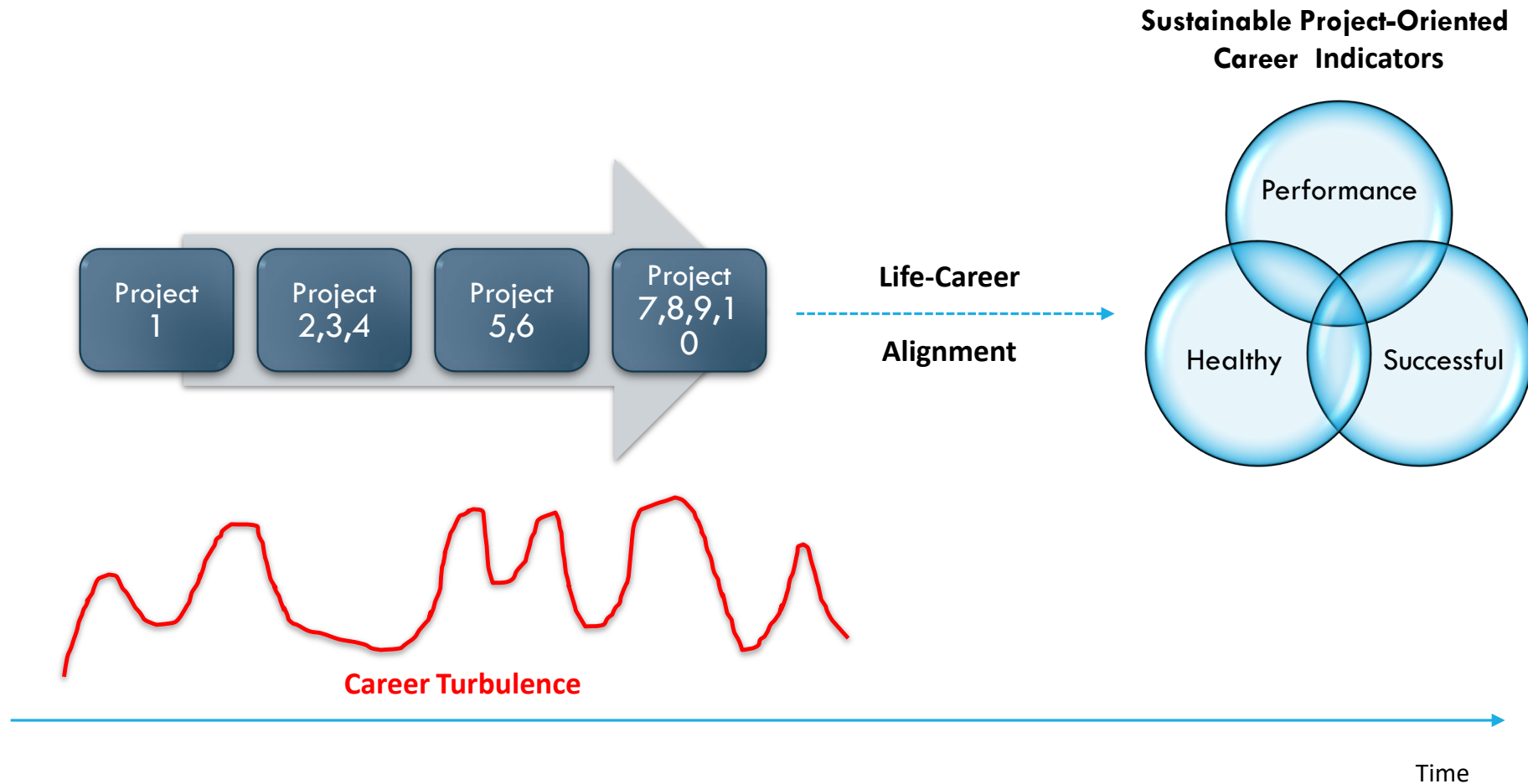
Projectized Career Planning: Thriving in the Gig Economy

Gregory J. Skulmoski , Craig Langston, Alan Patching,
Amir Ghanbaripour

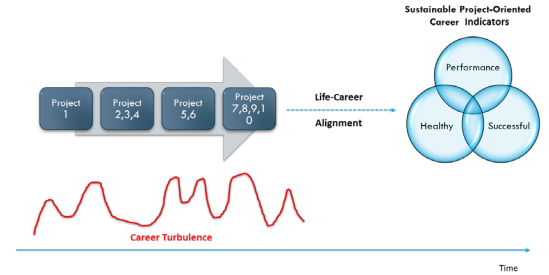
Abstract (English) An area of concern and interest for most working in projects is one's career. It may be as simple as looking for the next consulting contract in the Gig Economy or planning the next 5-10 years of one's career to accommodate external considerations such as marriage or retirement. Those project participants that take a sustainable approach to career management may enjoy better outcomes. We look at the sustainable project-oriented career concept and propose key error messages that signal risks to one's career, such as the absence of substantial training or education within the past ten years. We examine the sustainable project-oriented career framework within the Gig Economy environment, including the need for periodic renewal through education and training. We review some of the innovations in education and training that project participants can leverage to improve career sustainability. The paper and presentation combine just enough theory with practical advice to develop sustainable project-oriented careers and to thrive in the Gig Economy.

Project participants are well positioned to leverage emerging opportunities in a big way!

SUSTAINABLE PROJECT-ORIENTED CAREER



WINNERS AND LOSERS



Environmental Turbulence

4th Industrial Revolution
Digital Transformation
Gig Economy



Impact

More Projects
More Digital Projects

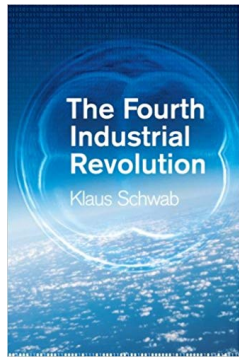


Time

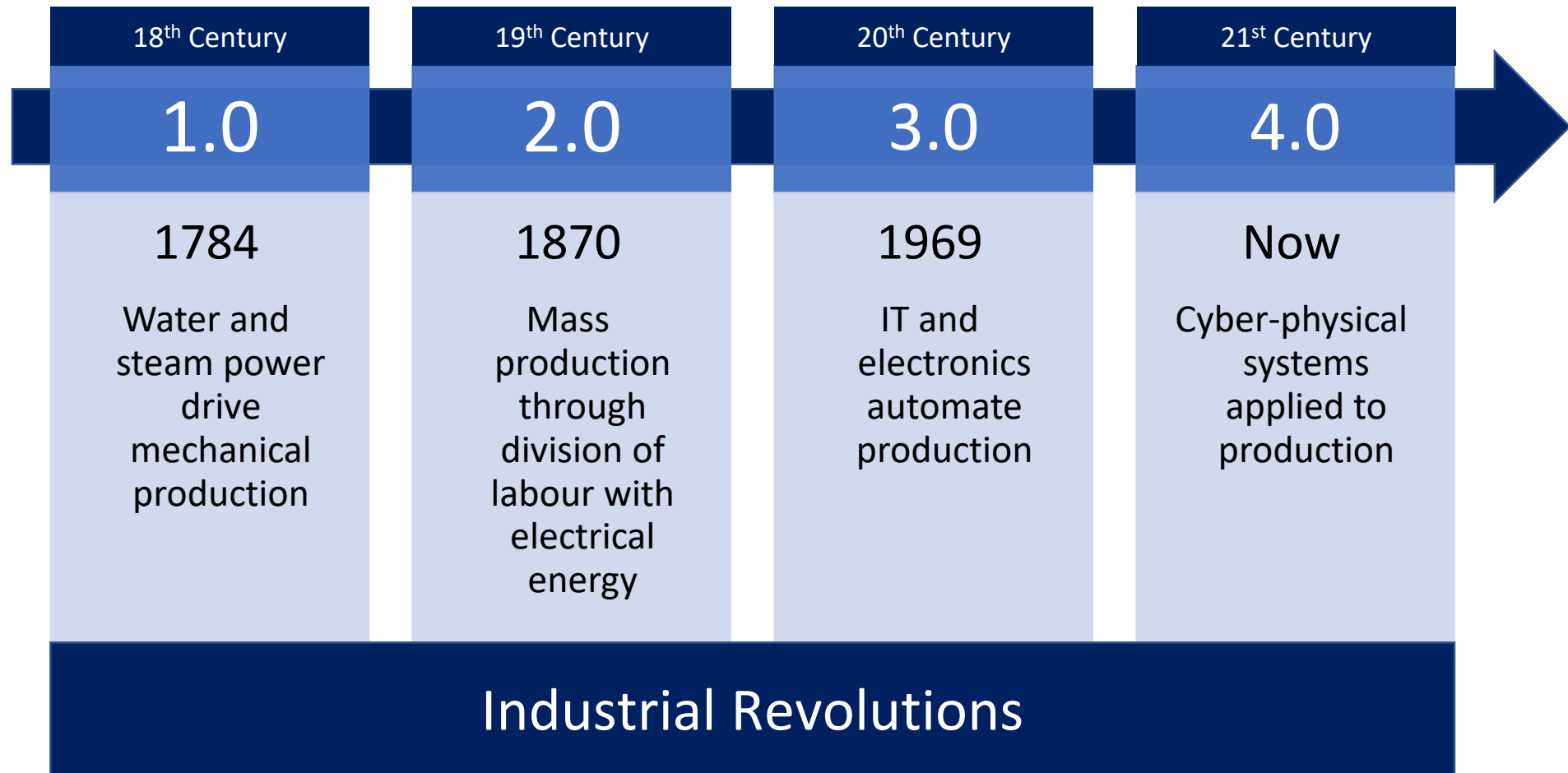
MASSIVE CHANGE IS UNDERWAY

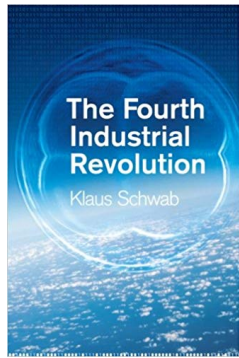
DO YOU HAVE THE RIGHT SKILLS TO THRIVE?





4TH INDUSTRIAL REVOLUTION

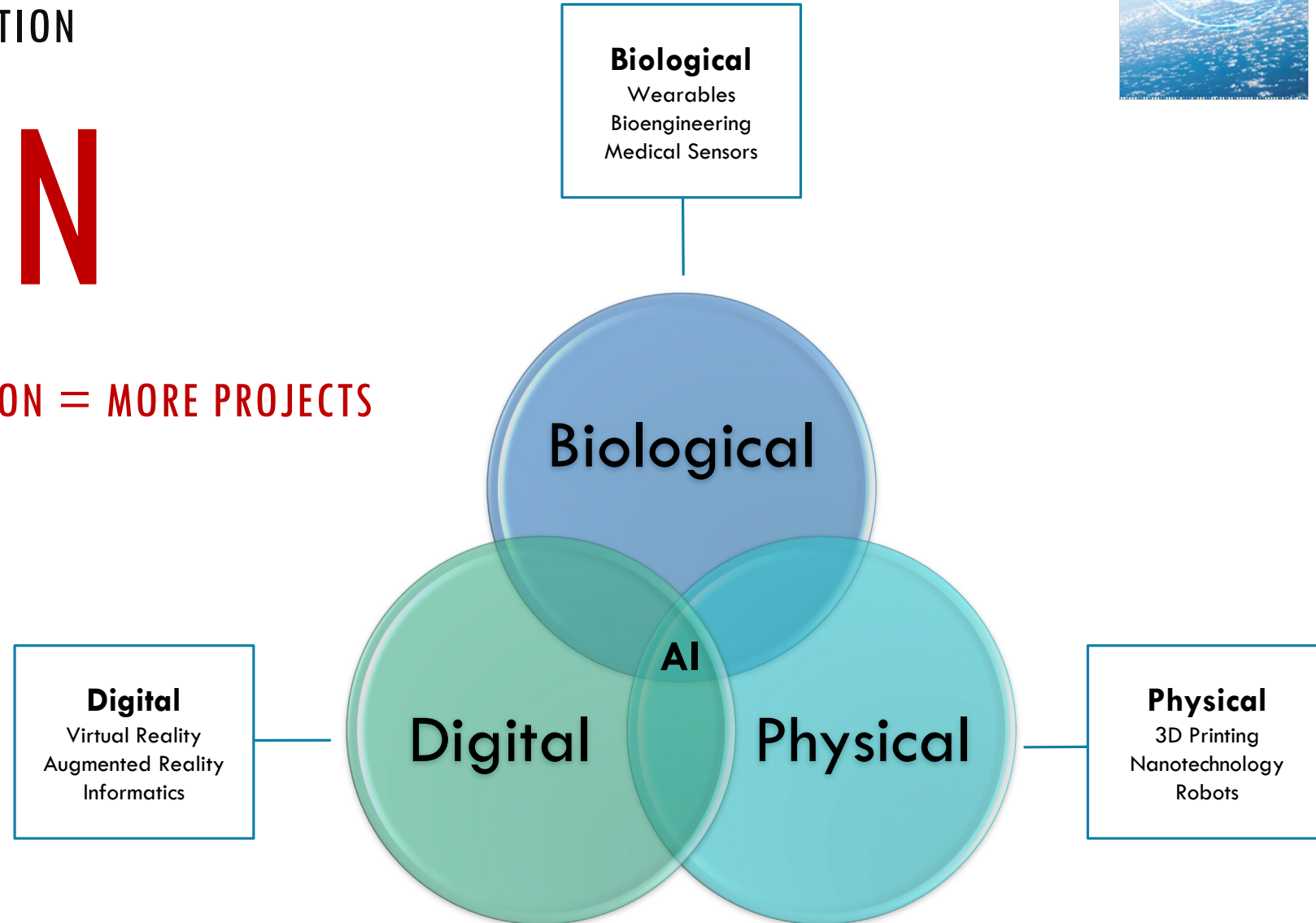




4TH INDUSTRIAL REVOLUTION

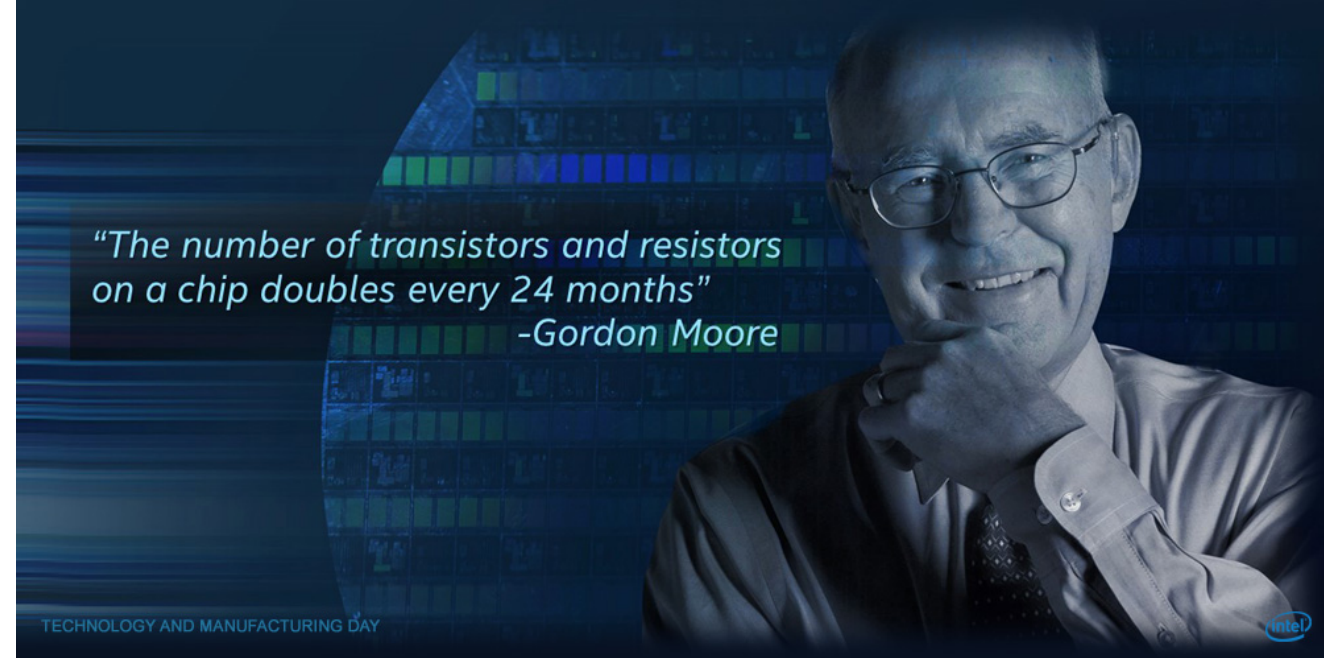
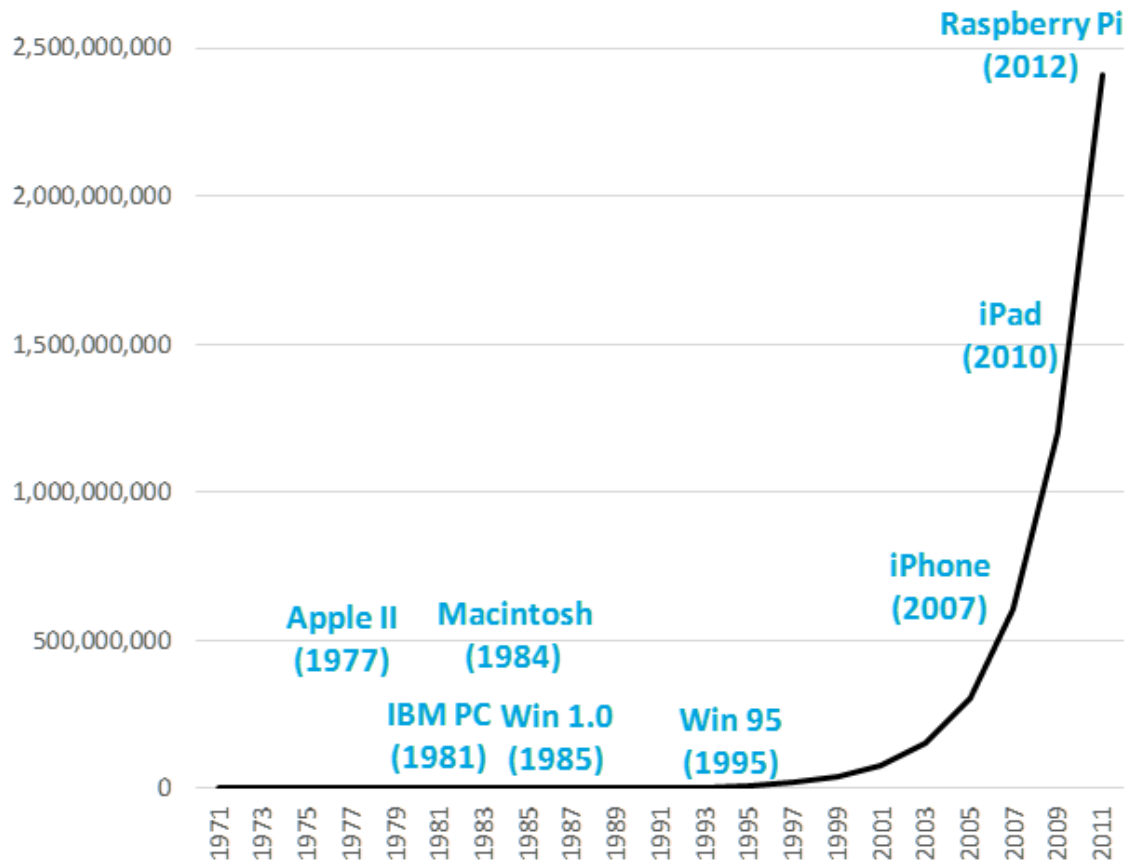
FUSION

ACCELERATED FUSION = MORE INNOVATION = MORE PROJECTS



MOORE'S LAW

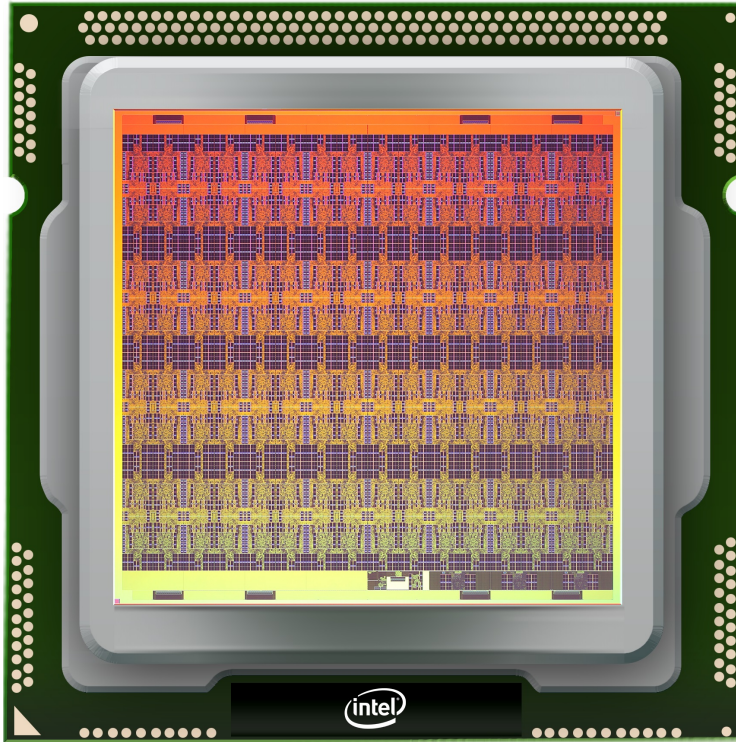
Transistor Counts



<https://newsroom.intel.com/editorials/moores-law-setting-the-record-straight/#gs.qwmui6>

Technology is exponentially getting smaller, cheaper and more powerful every couple of years

NEUROMORPHIC CHIP TECHNOLOGY



Models the brain using a neural network on a silicon microchip,
Faster & more efficient than current carbon-based chips,
Will enable more powerful AI applications.

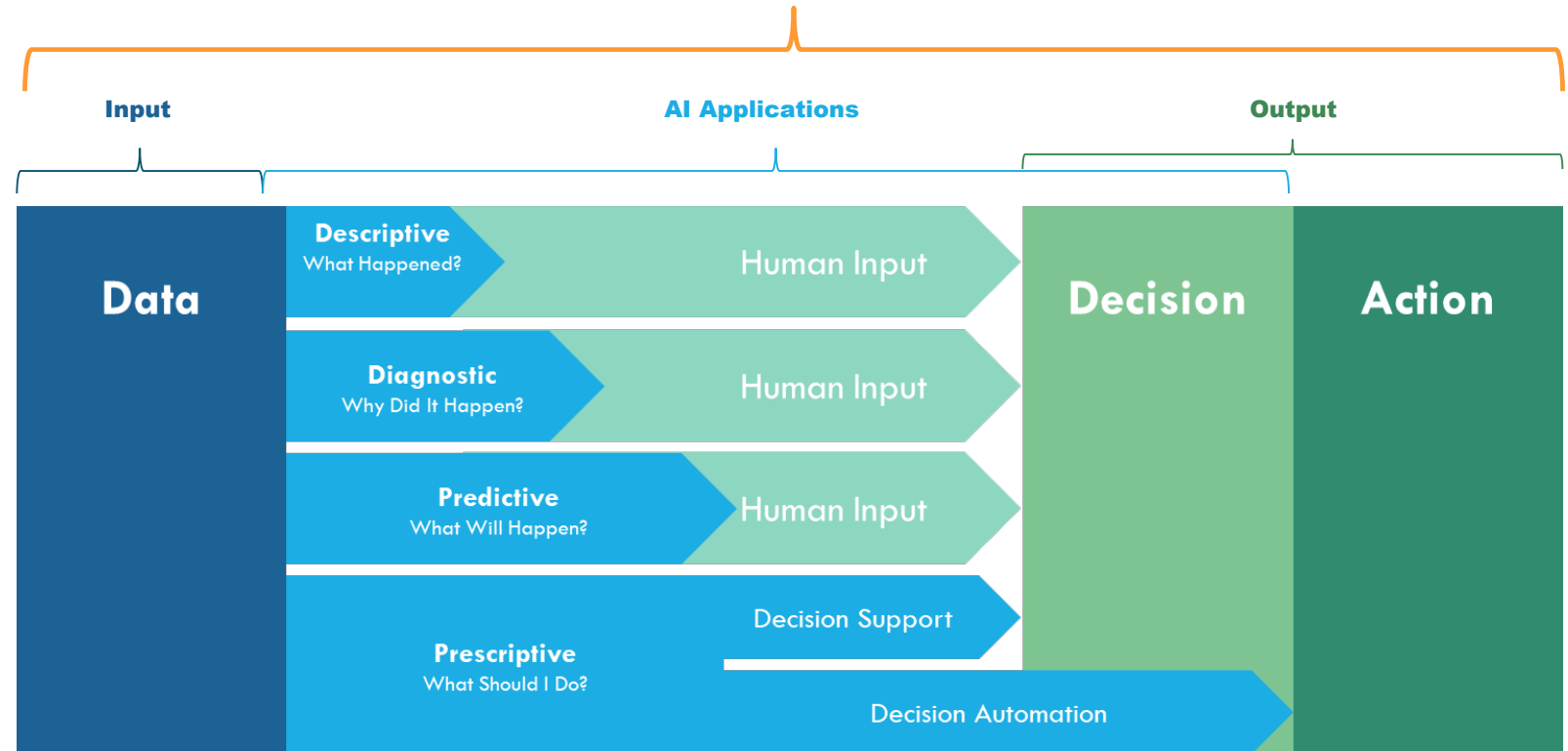
Key Point

**Massive innovations in supporting technology
will enable emerging disruptive technologies**

AI TECHNOLOGIES

Typical AI Project

connect data with an AI application and test its output



Target AI to improve quality for the following questions:

Descriptive

What Happened?

Diagnostic

What Did Happen?

Predictive

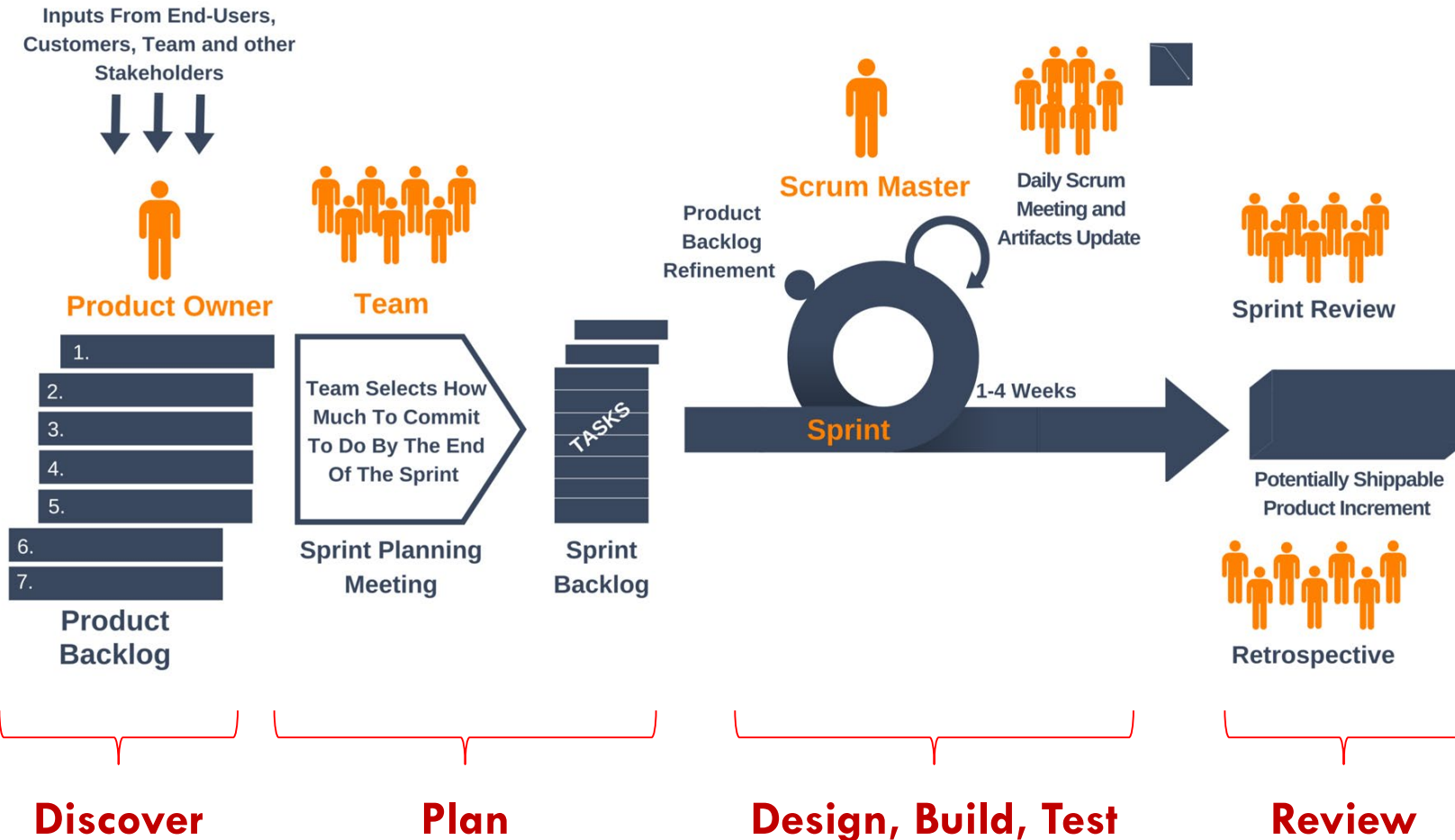
What Will Happen?

Prescriptive

What Should I do?

SCRUM

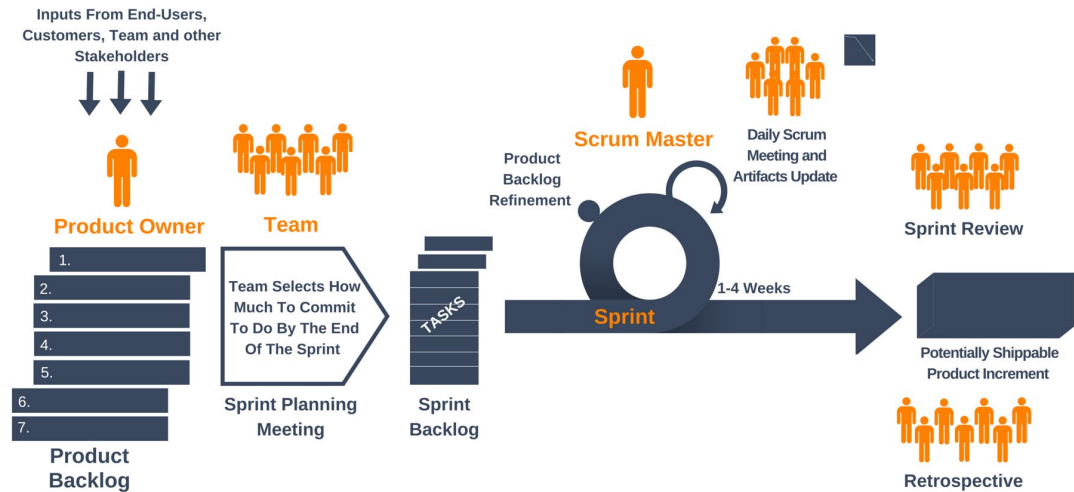
Same types of phases as **waterfall**;
but different approach and mindset!



Manage digital transformation projects with either Agile or Waterfall delivery methods,

Include simple, best practices like managing risk and reporting progress

PMO



Waterfall Discover Plan Design, Build, Test Review

Risk and Issue Registers

| ID | Date Raised | Raised By | Cause | Event | Impact | Probability of Occurrence | Impact | Prevention | Mitigation |
|----|-------------|-----------|-------|-------|--------|---------------------------|--------|------------|------------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |

Status Reports

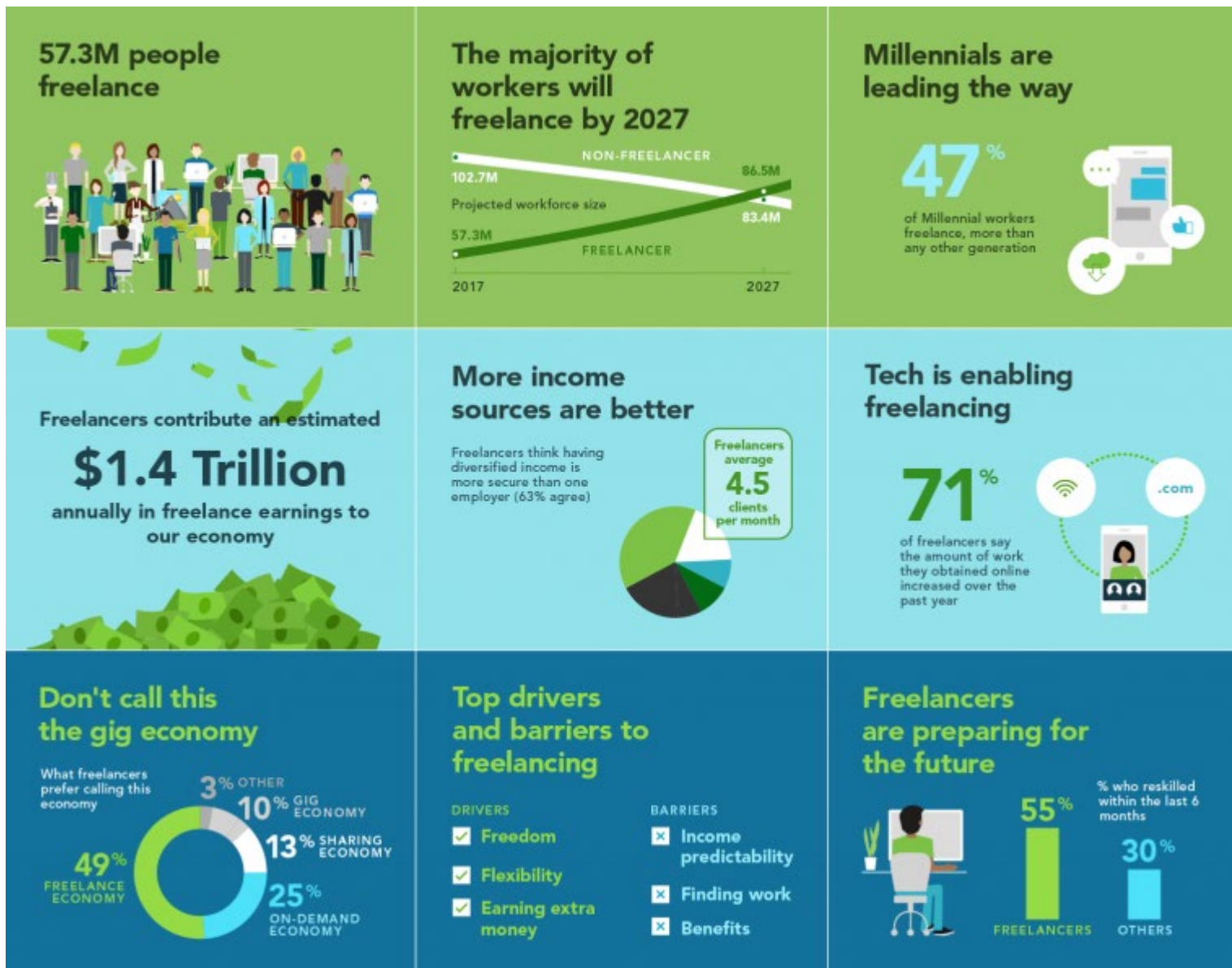
The status report dashboard for 'Upgrade Communication Systems (Alan Cross)' includes a 'Project Performance Overview' table with columns for 'Key Phase', 'Start Date', 'Status', and 'Completion Date'. It also features a 'The Way Forward' section with a table for 'Key Project Milestones' and a 'Summary' section with a table for 'Key Metrics'.

GIG ECONOMY

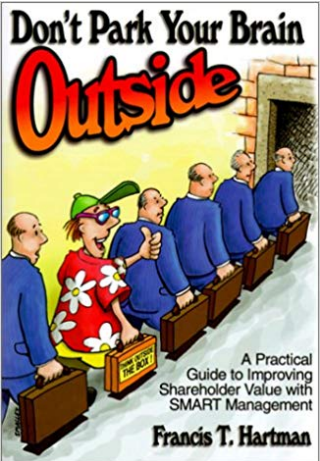
Gig Economy = Temporary Work

Temporary Work = Project Work!

More Project Work for the Skilled!



GIG ECONOMY SIMPLIFIED



At the end of the project, we turn this around.
There is an "F" on the other side.

WHAT DO ORGANIZATIONS NEED NOW AND IN THE FUTURE?

Analytics

Human-Centered Design

Agile Competencies

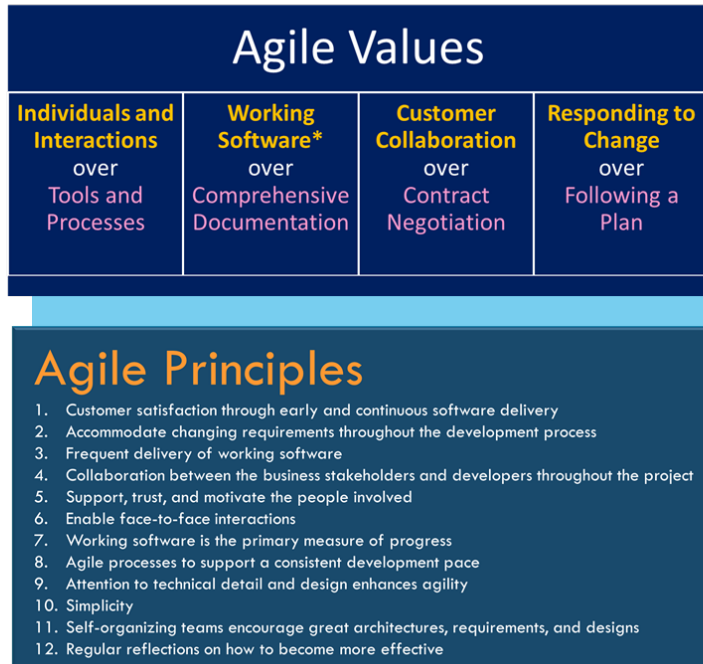
Smart Technologies

Cyber Security

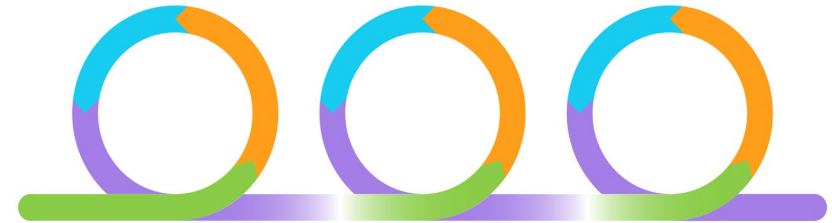


NEW PRINCIPLES AND VALUES, NEW APPROACH

Agile Manifesto



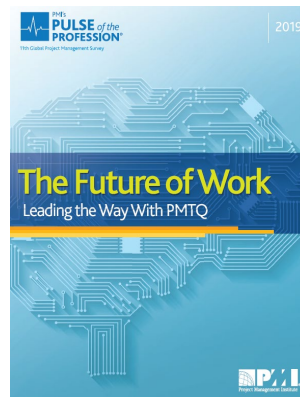
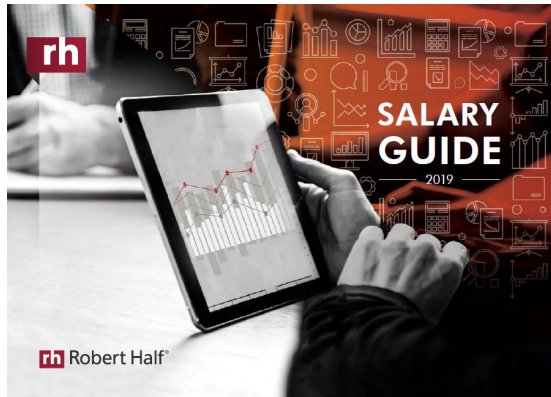
Agile Delivery Method



All About Attitude

Project teams struggle with Agile when they deviate from the Agile Manifesto

DEMAND FOR DIGITAL PROJECT MANAGERS

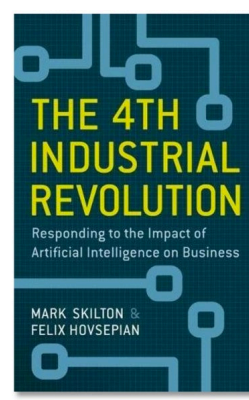
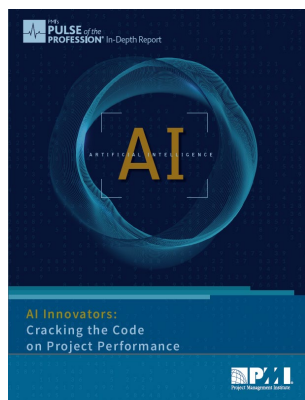


More technology

AI growth

More projects

New skills



CONCLUSION

- ✓ Sustainable projectized career
- ✓ Turbulence - changing environment
- ✓ Adaptive approaches: Lean, Agile, Scrum, Kanban, etc.
- ✓ Gig economy
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