

Lean & Agile

Organizational Leadership

Establishing Vision, Guidance, & Trust to Unleash Enterprise Competitiveness

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Agile Capabilities: <http://davidfrico.com/rico-capability-agile.pdf>

Agile Cost of Quality: <http://www.davidfrico.com/agile-vs-trad-coq.pdf>

DevOps Return on Investment (ROI): <http://davidfrico.com/rico-devops-roi.pdf>

Dave's NEW Leadership Video: <http://www.youtube.com/watch?v=70LRzOk9VGY>

Dave's NEW Business Agility Video: <http://www.youtube.com/watch?v=hTvtsAkL8xU>

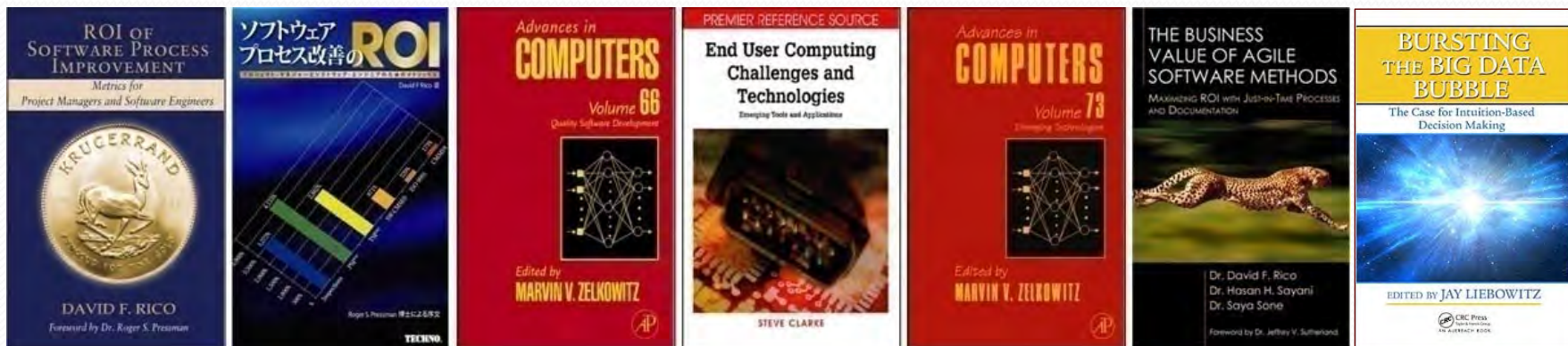
Dave's NEWER Scaled Agile Framework SAFe 4.5 Video: <http://youtu.be/1TAuCRq5a34>

Dave's NEWEST Development Operations Security Video: <http://youtu.be/X22kJAvx44A>

DoD Fighter Jets versus Amazon Web Services: <http://davidfrico.com/dod-agile-principles.pdf>

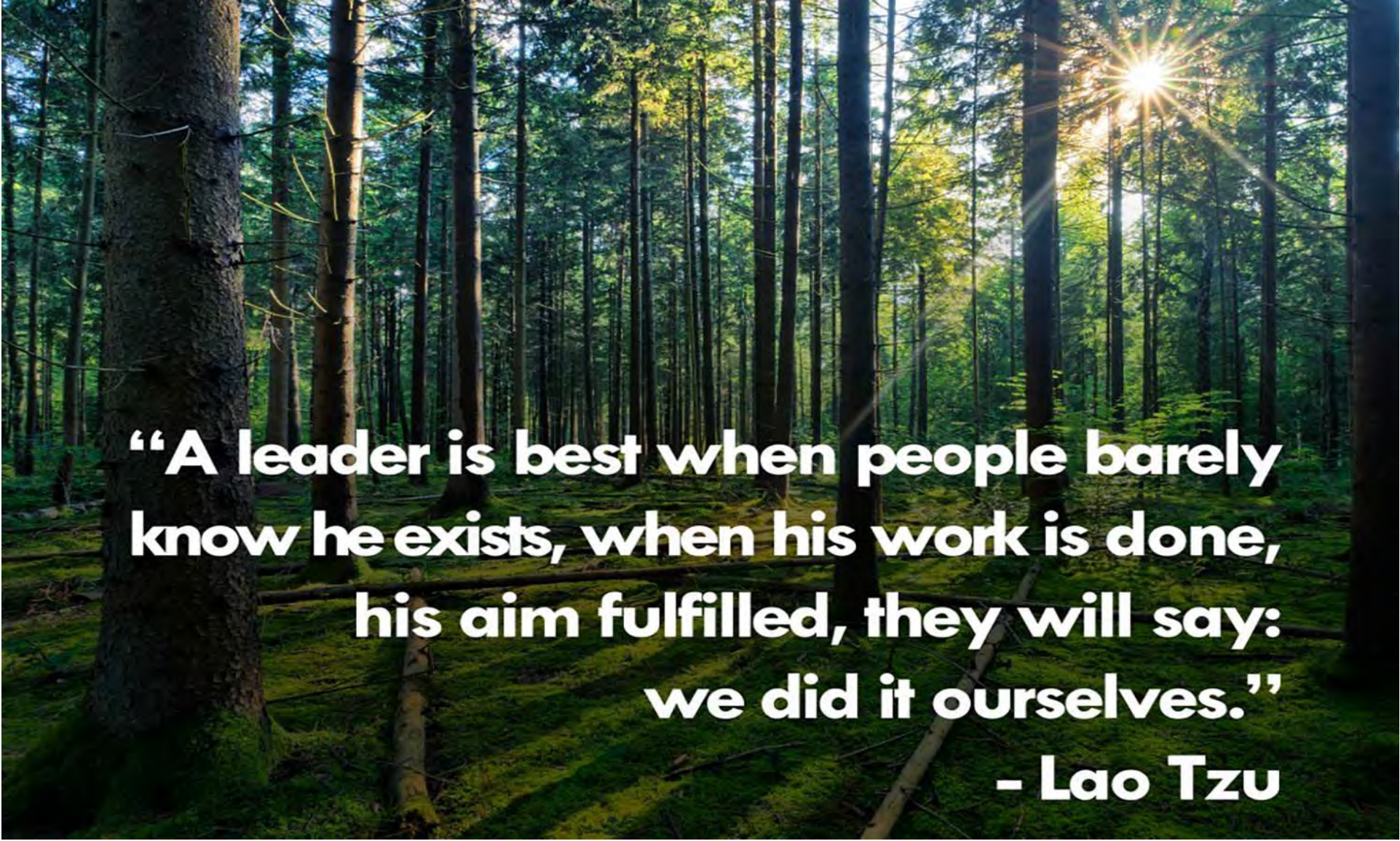
Author Background

- Gov't contractor with 35+ years of IT experience
- B.S. Comp. Sci., M.S. Soft. Eng., & D.M. Info. Sys.
- ☞ □ Large gov't projects in U.S., Far/Mid-East, & Europe



- Career systems & software engineering methodologist
- Lean-Agile, Six Sigma, CMMI, ISO 9001, DoD 5000
- NASA, USAF, Navy, Army, DISA, & DARPA projects
- Published seven books & numerous journal articles
- Intn'l keynote speaker, 200+ talks to 14,600 people
- Specializes in metrics, models, & cost engineering
- Cloud Computing, SOA, Web Services, FOSS, etc.
- Professor at 7 Washington, DC-area universities

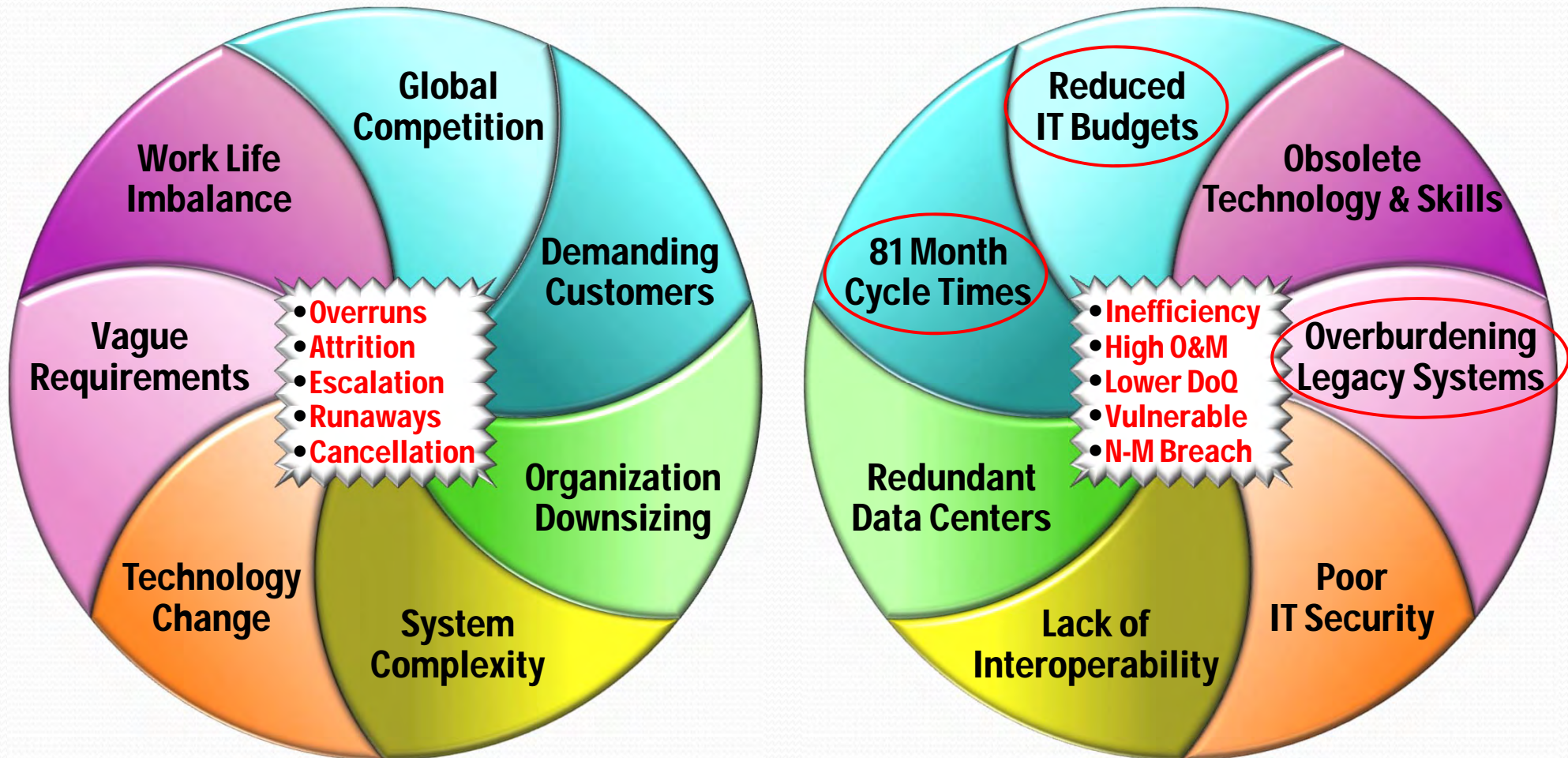
Leadership — Lao Tzu ~550 BC



“A leader is best when people barely know he exists, when his work is done, his aim fulfilled, they will say: we did it ourselves.”

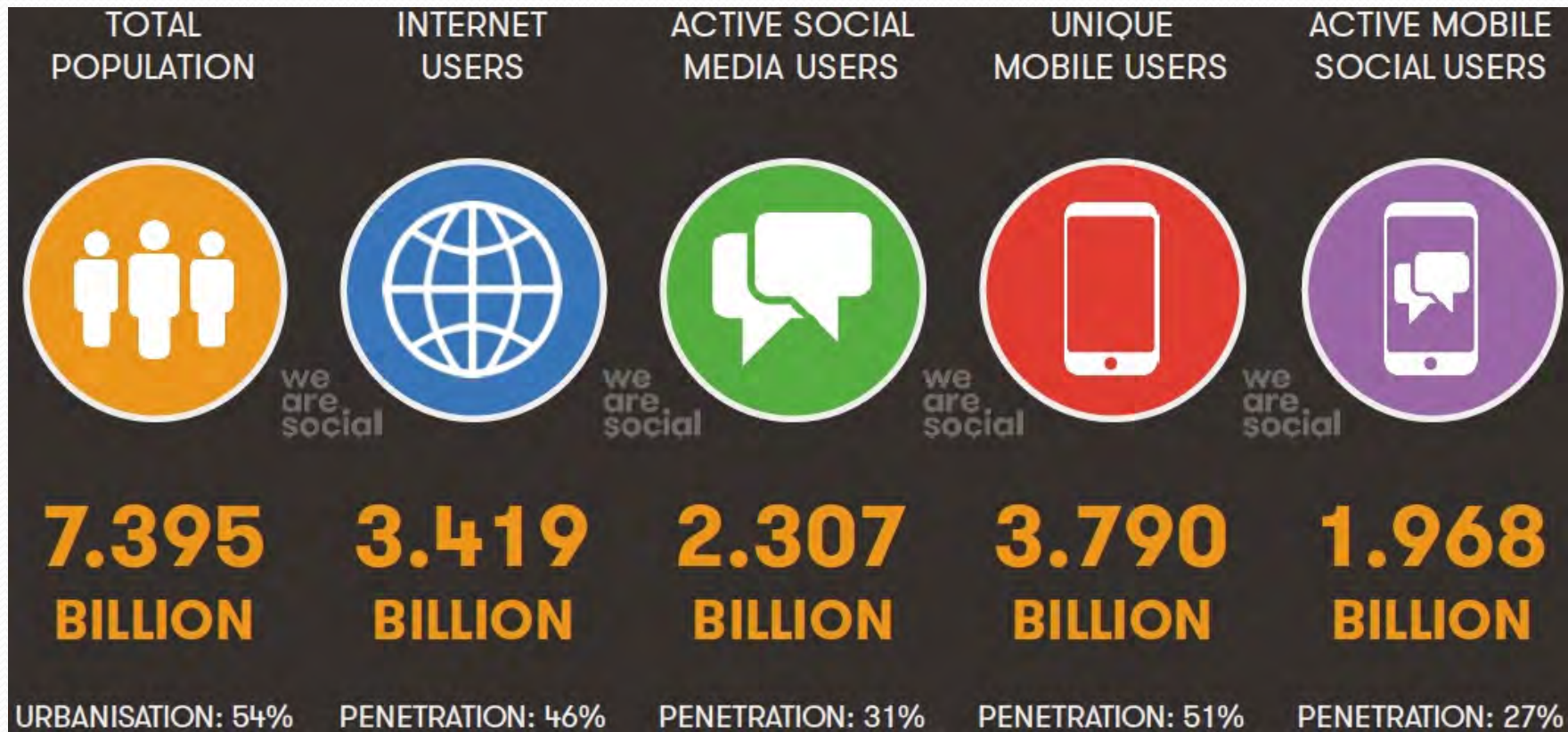
- Lao Tzu

Organizational Challenges



Internet Marketplace Challenges

- Most of world's population connected to Internet
- Systems must support billions of simultaneous users
- ☞ □ New approaches are needed to scale to global market



Internet of Things Challenges

IoT is an Extinction Level Event

- **25-50B Devices on IOT**
- **5-10B Internet Hosts**
- **4-8B Mobile Phones**
- **2-3B End User Sys**
- **Mass Business Failure**

Newton's 3rd Law Challenges

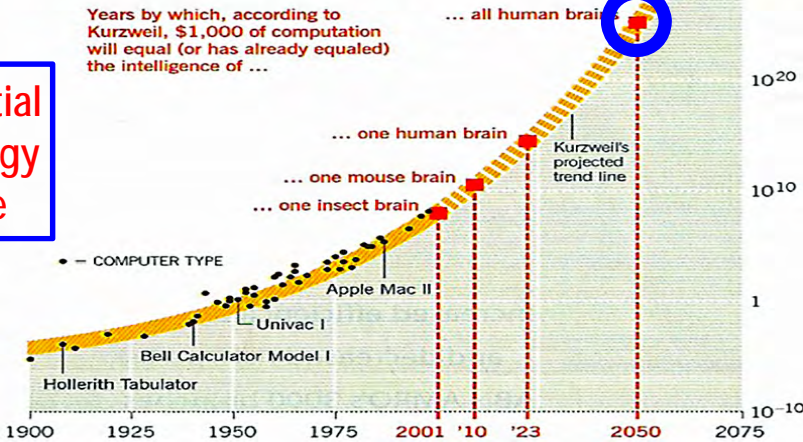
THE KURZWEIL CURVE

Moore's Law is just the beginning: The power of technology will keep growing exponentially, says Kurzweil. By 2050, you'll be able to buy a device with the computational capacity of all mankind for the price of a nice refrigerator today.

Computer performance

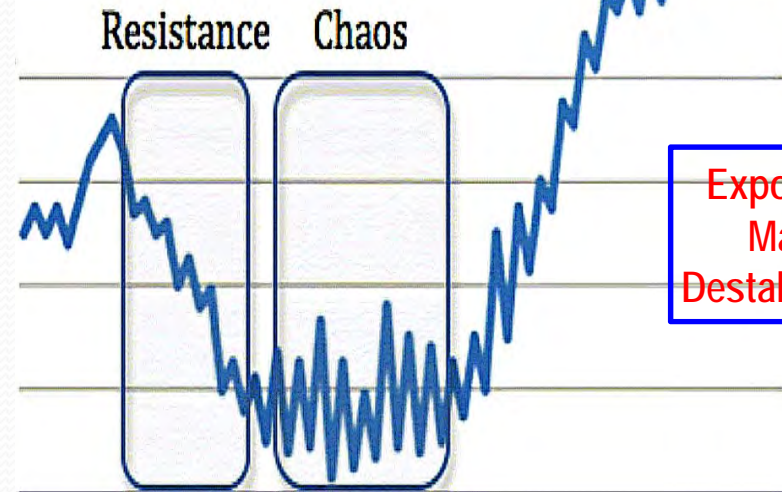
Plotted by number of calculations per second per \$1,000

Years by which, according to Kurzweil, \$1,000 of computation will equal (or has already equaled) the intelligence of ...



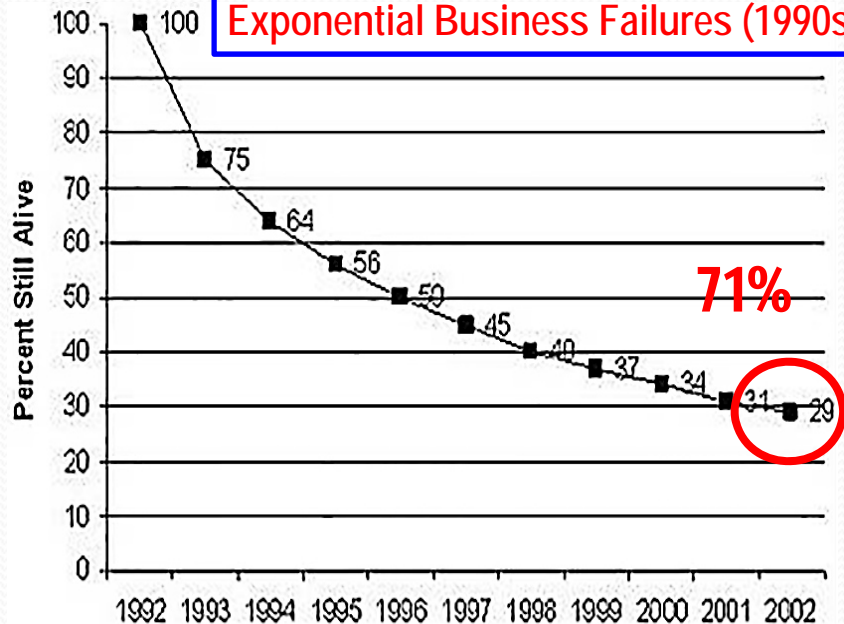
Exponential Technology Change

THE SATIR CURVE

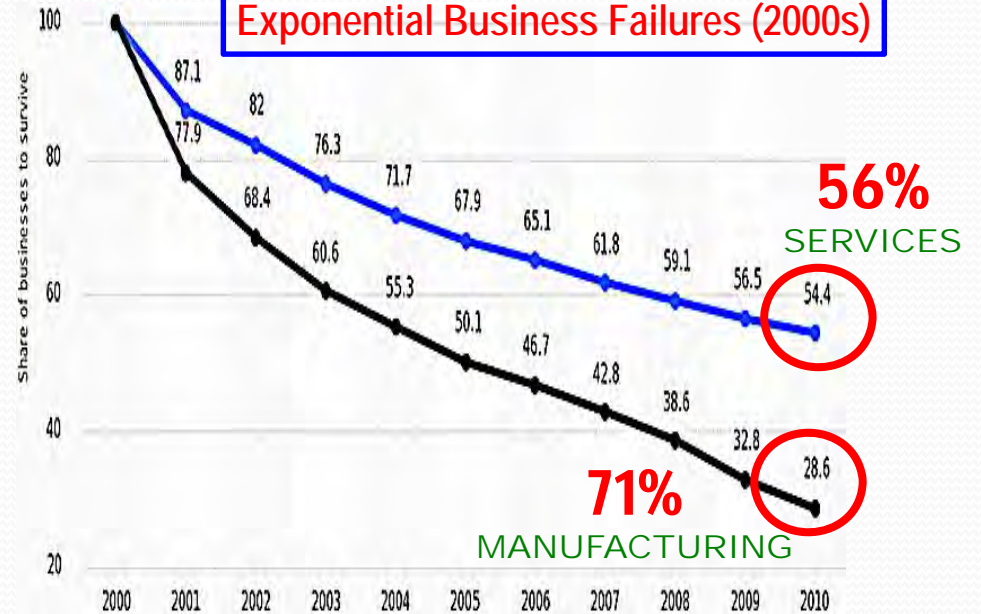


Exponential Market Destabilization

Exponential Business Failures (1990s)



Exponential Business Failures (2000s)

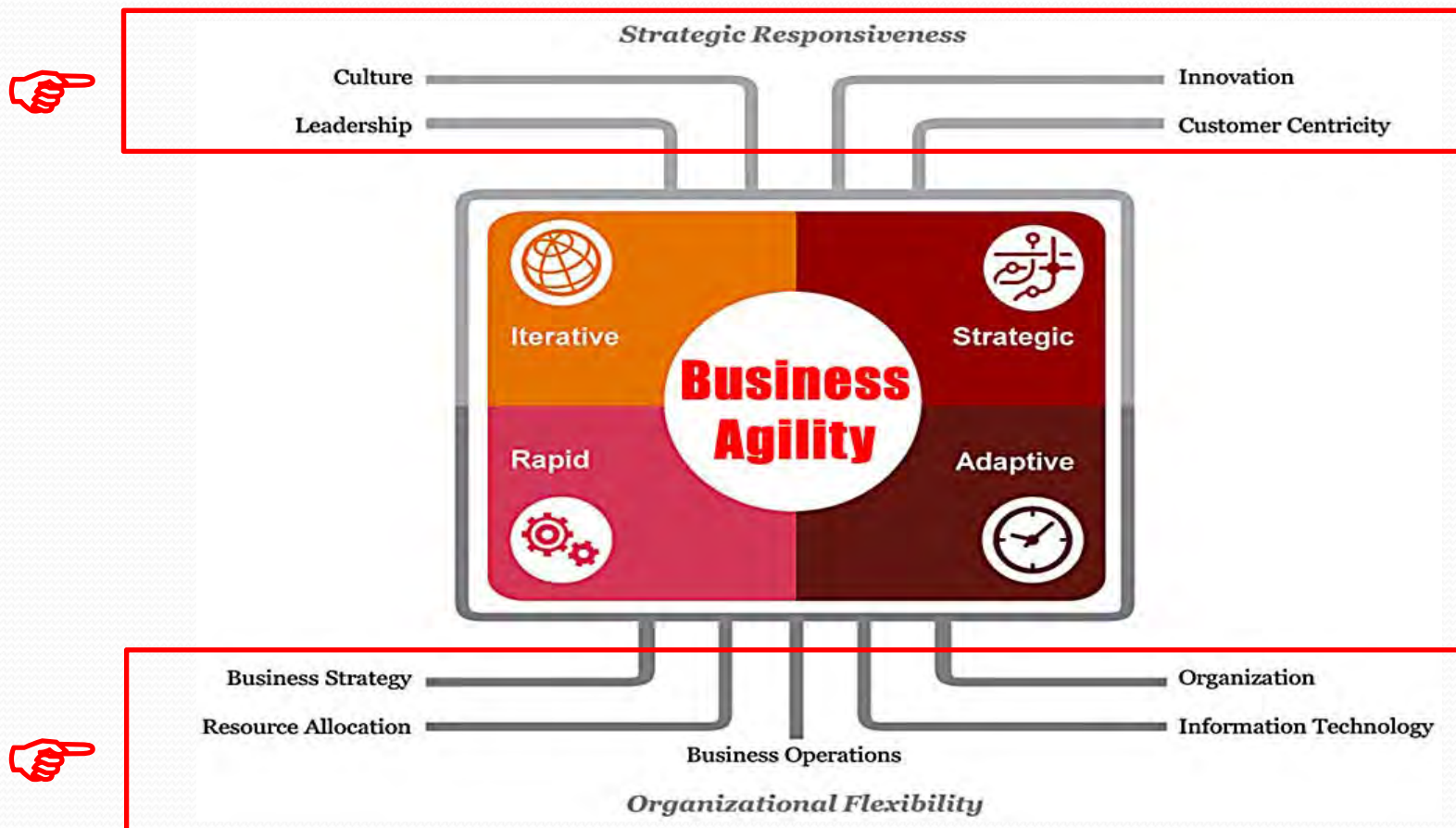


What is Agility?

- A-gil-i-ty (ə-'ji-lə-tē) Property consisting of quickness, lightness, and ease of movement; To be very nimble
 - *The ability to create and respond to change in order to profit in a turbulent global business environment*
 - *The ability to quickly reprioritize use of resources when requirements, technology, and knowledge shift*
 - *A very fast response to sudden market changes and emerging threats by intensive customer interaction*
 - *Use of evolutionary, incremental, and iterative delivery to converge on an optimal customer solution*
 - *Maximizing **BUSINESS VALUE** with right sized, just-enough, and just-in-time processes and documentation*

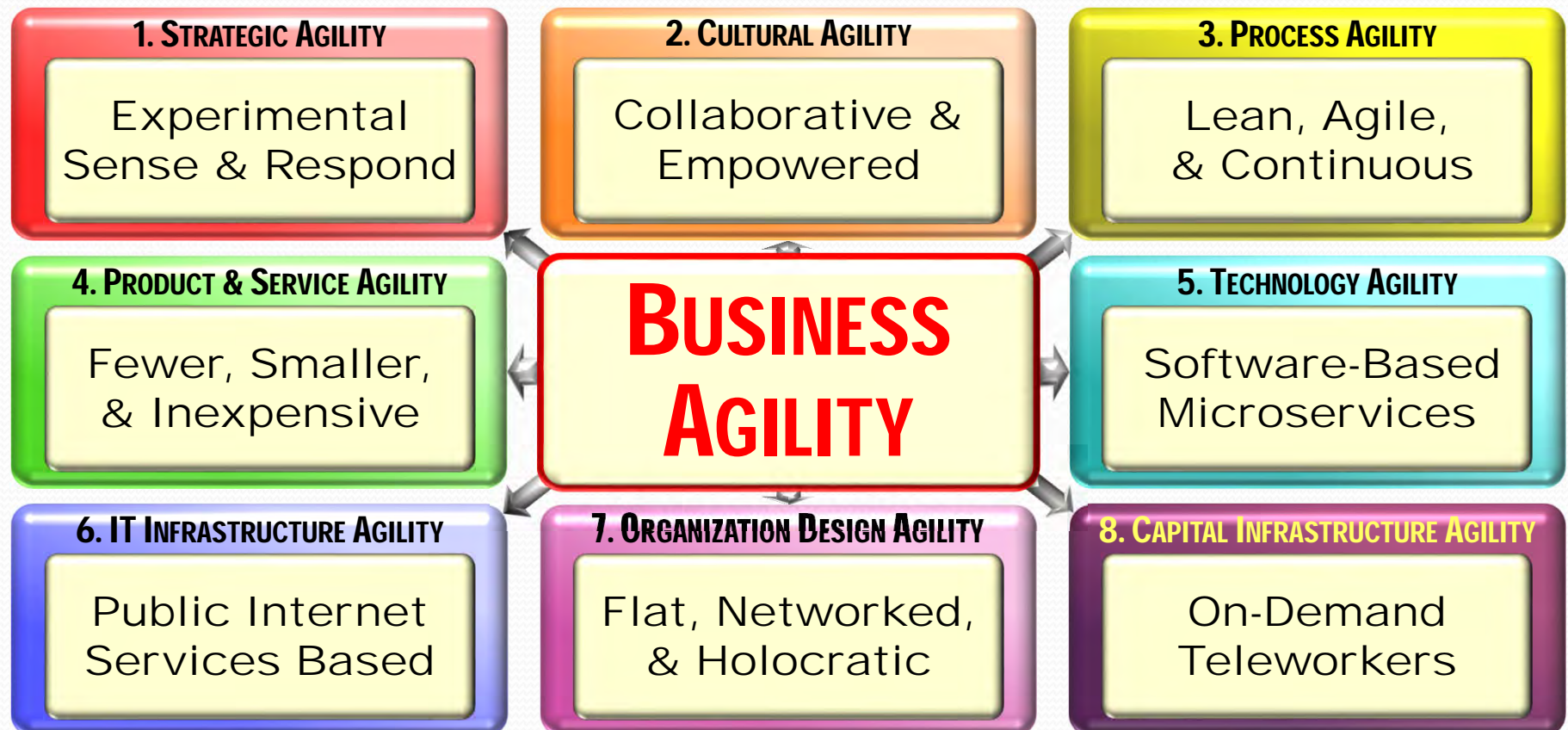
What are Agile Values?

- People-centric way to create innovative solutions
- Product-centric alternative to big work-in-process
- ☞ □ Market-centric model to maximize business value



Examples of Agile Behaviors?

- Early models based on strategies & operations
- Evolved into an experimental sense & response
- ☞ □ Products, organization, & facilities important too

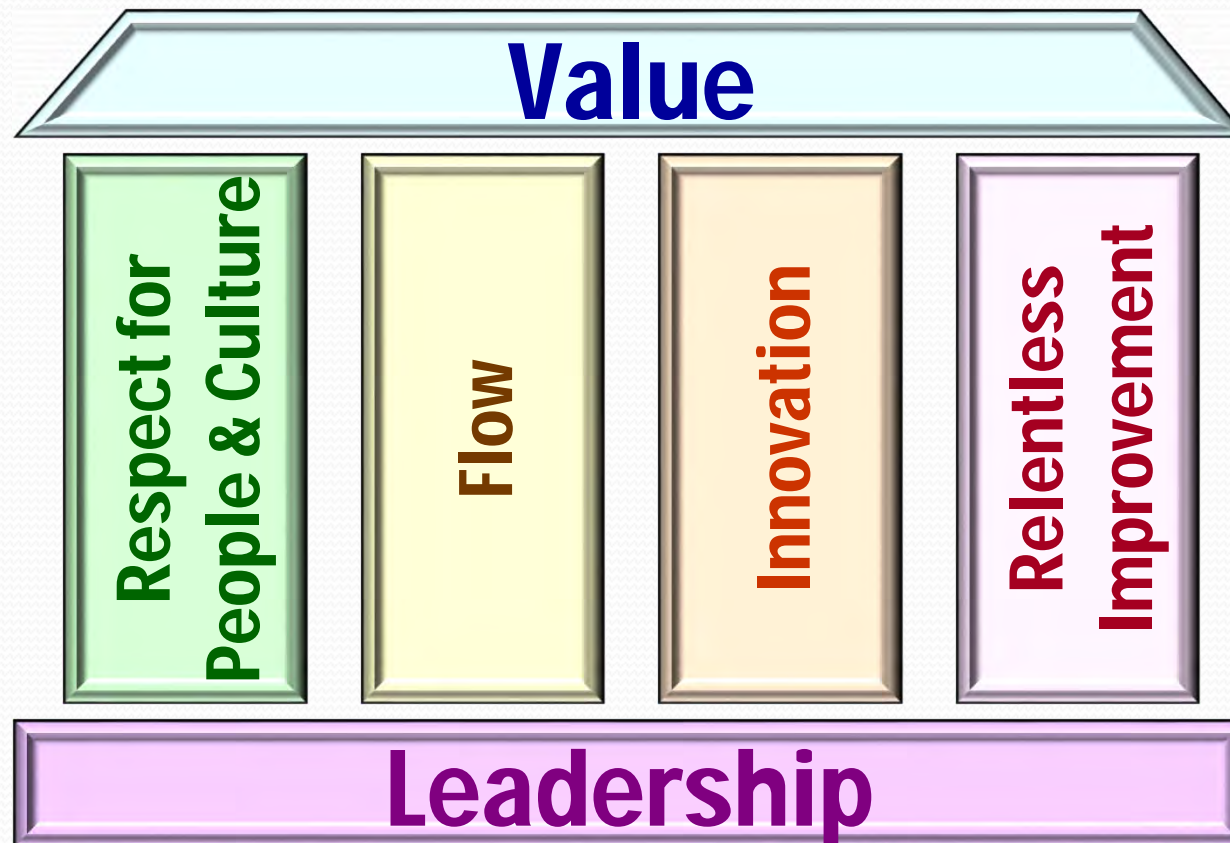


What is Lean?

- Lean (lēn): Property consisting of being **thinness**, **slimness**, and **skinniness**; To be extremely slender
 - A **customer-driven** product development process that delivers the maximum amount of **business value**
 - An economical way of **planning** and **managing** the development of complex new products and services
 - A product development process that is **free of excess waste**, capacity, and non-value adding activities
 - **Just-enough**, just-in-time, and right-sized product development **processes**, **documentation**, and **tools**
 - A product development approach that is **ADAPTABLE TO CHANGE** in customer needs and market conditions

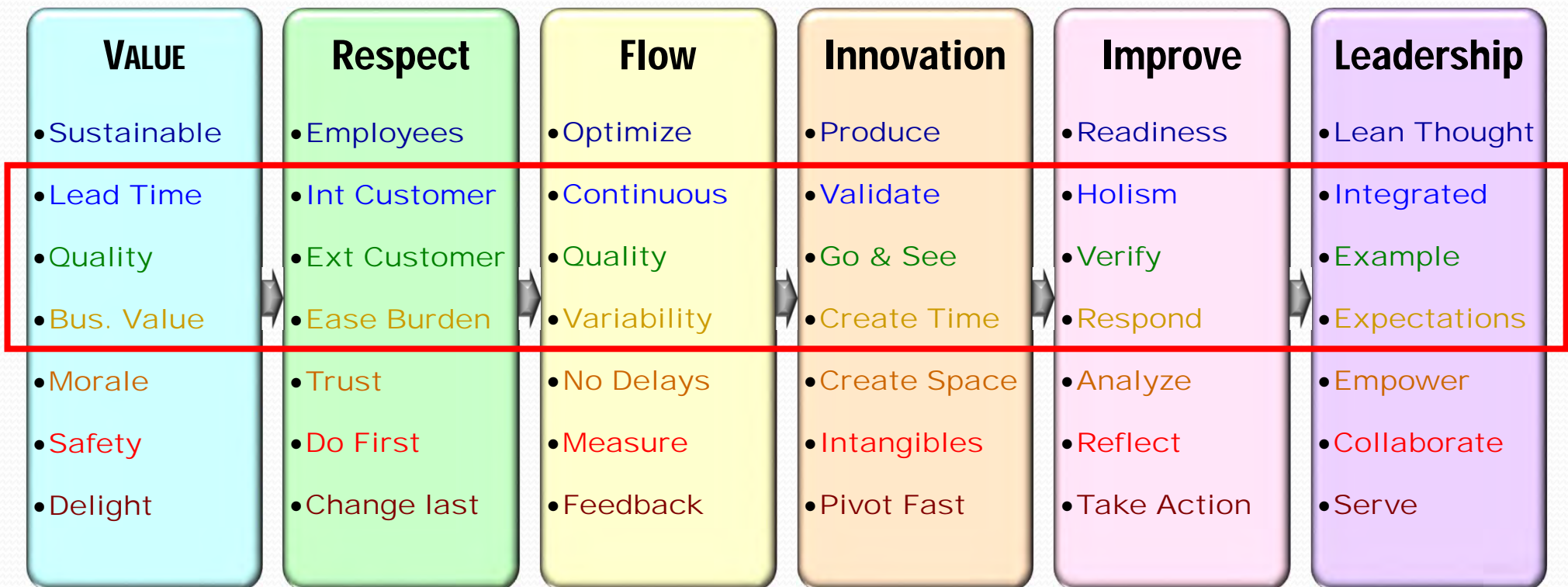
What are **Lean Values**?

- **Time-centric** way to compete on speed & time
- **Customer-centric** model to optimize cost & quality
- ☞ □ **Pull-centric** alternative to wasteful mass production



Examples of Lean Behaviors?

- Numerous models of lean organizational behaviors
- Many of them stem from Womack's 5 Lean principles
- ☞ □ Include **value**, **people**, **flow**, **value**, & esp. **LEADERSHIP**

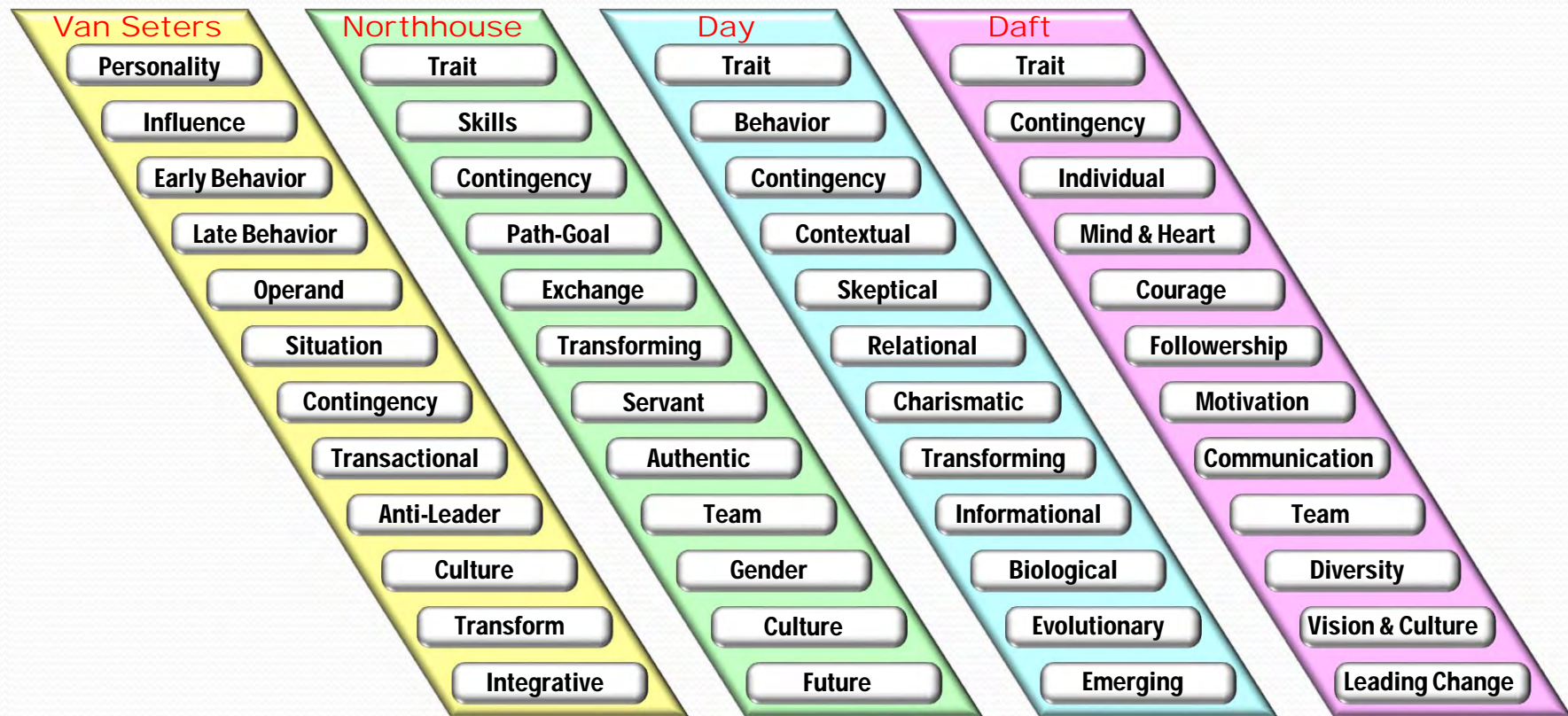


What is Lean & Agile LEADERSHIP?

- Lead-er-ship ('lēdər,SHip) Act or instance of **leading, guiding, or coaching**; To inspire lean and agile thinking
 - *Leadership framework for using lean & agile thinking at the enterprise, portfolio, program, & project levels*
 - *An approach embracing values and principles of lean thinking, product development flow, & agile methods*
 - *Adaptable framework for collaboration, prioritizing work, iterative development, & responding to change*
 - *Tools for agile scaling, rigorous and disciplined planning & architecture, and a sharp focus on product quality*
 - 👉 ■ *Maximizes **BUSINESS VALUE** of organizations, programs, & projects with lean-agile values, principles, & practices*

History of TRADITIONAL LEADERSHIP

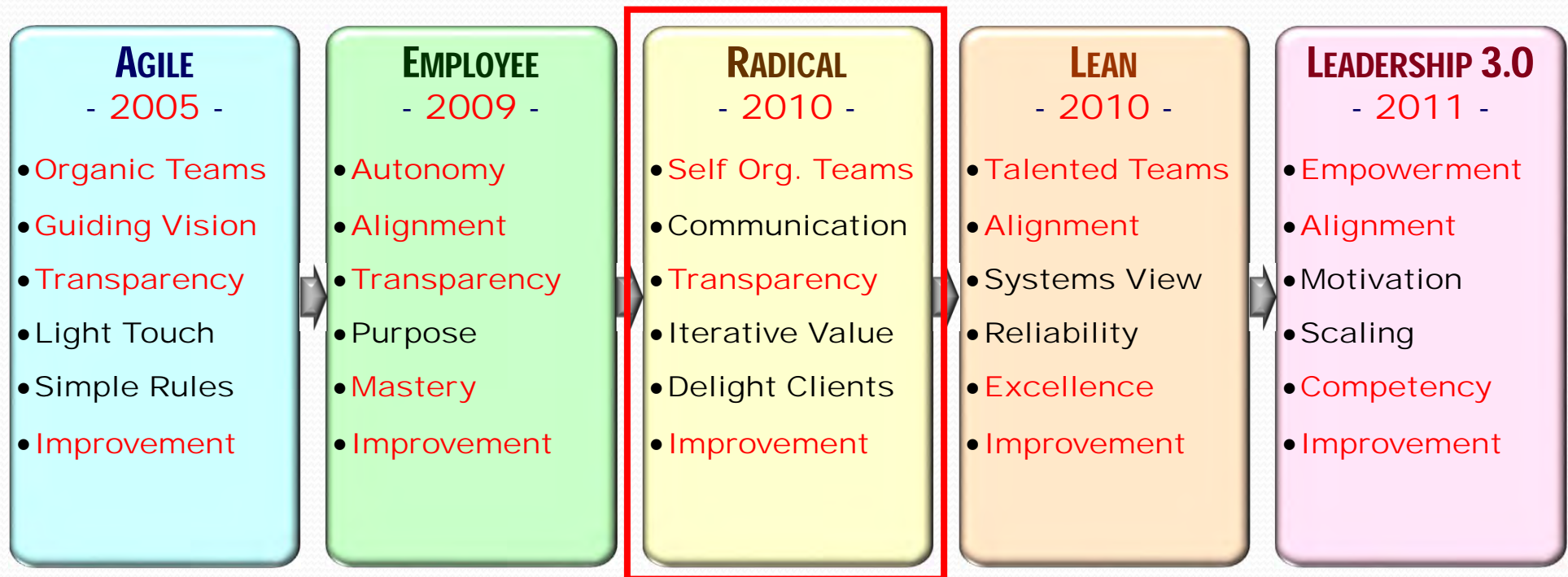
- Many leadership theories emerged in last 100 years
- Many believe there is no unified theory of leadership
- ☞ □ Truth is some where in **middle** of **old** and **new** ideas



Van Seters, D. A., & Field, R. H. (1990). The evolution of leadership theory. *Journal of Organizational Change Management*, 3(3), 29–45.
Daft, R. L. (2011). *The leadership experience*. Mason, OH: Thomson Higher Education.
Day, D. V., & Anbtonakis, J. (2012). *The nature of leadership*. Thousand Oaks, CA: Sage Publications.
Northouse, P. G. (2013). *Leadership: Theory and practice*. Thousand Oaks, CA: Sage Publications.

LEAN & AGILE LEADERSHIP Models

- Many theories of lean and agile leadership emerging
- Generous delegation, empowerment, and motivation
- ☞ □ Leadership has major role in **visioning** and **enabling**



Augustine, S. (2005). *Managing agile projects*. Upper Saddle River, NJ: Pearson Education.

Pink, D. H. (2009). *Drive: The surprising truth about what motivates us*. New York, NY: Penguin Books.

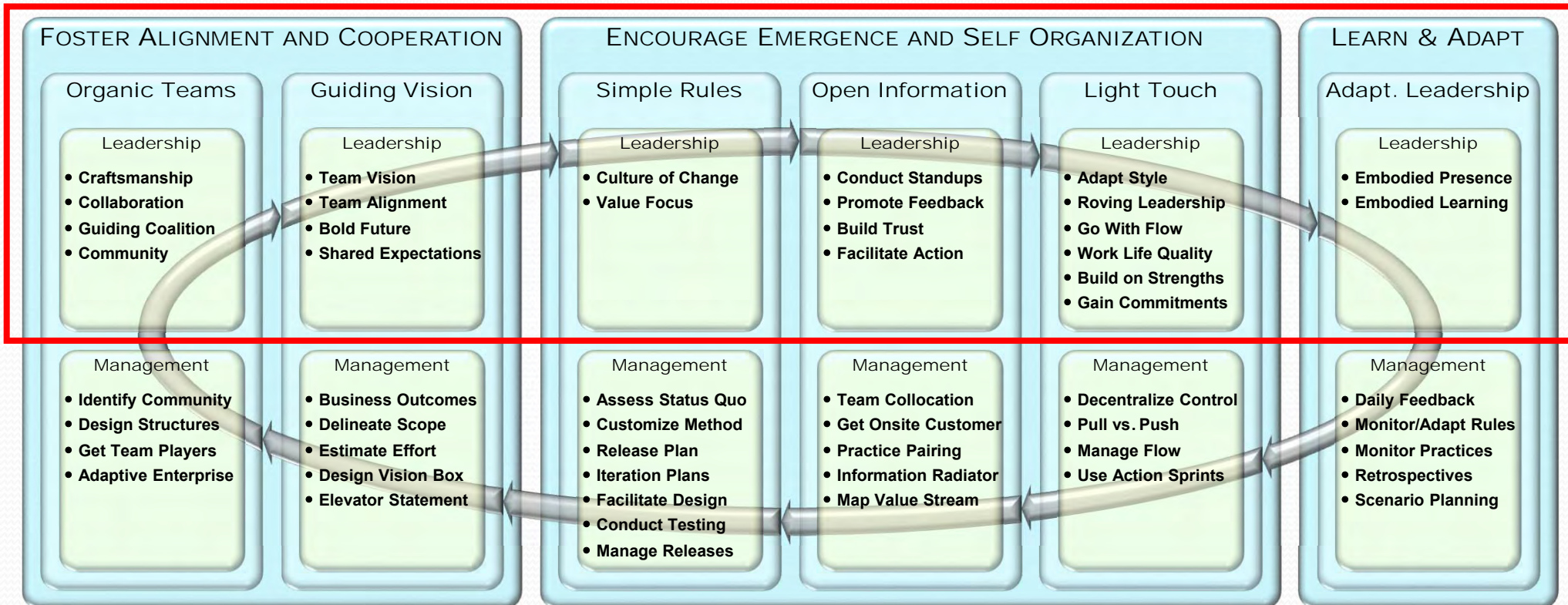
Denning, S. (2010). *The leader's guide to radical management: Reinventing the workplace for the 21st century*. San Francisco, CA: John Wiley & Sons.

Poppendieck, M., & Poppendieck, T. (2010). *Leading lean software development: Results are not the point*. Boston, MA: Pearson Education.

Appelo, J. (2011). *Management 3.0: Leading agile developers and developing agile leaders*. Boston, MA: Pearson Education.

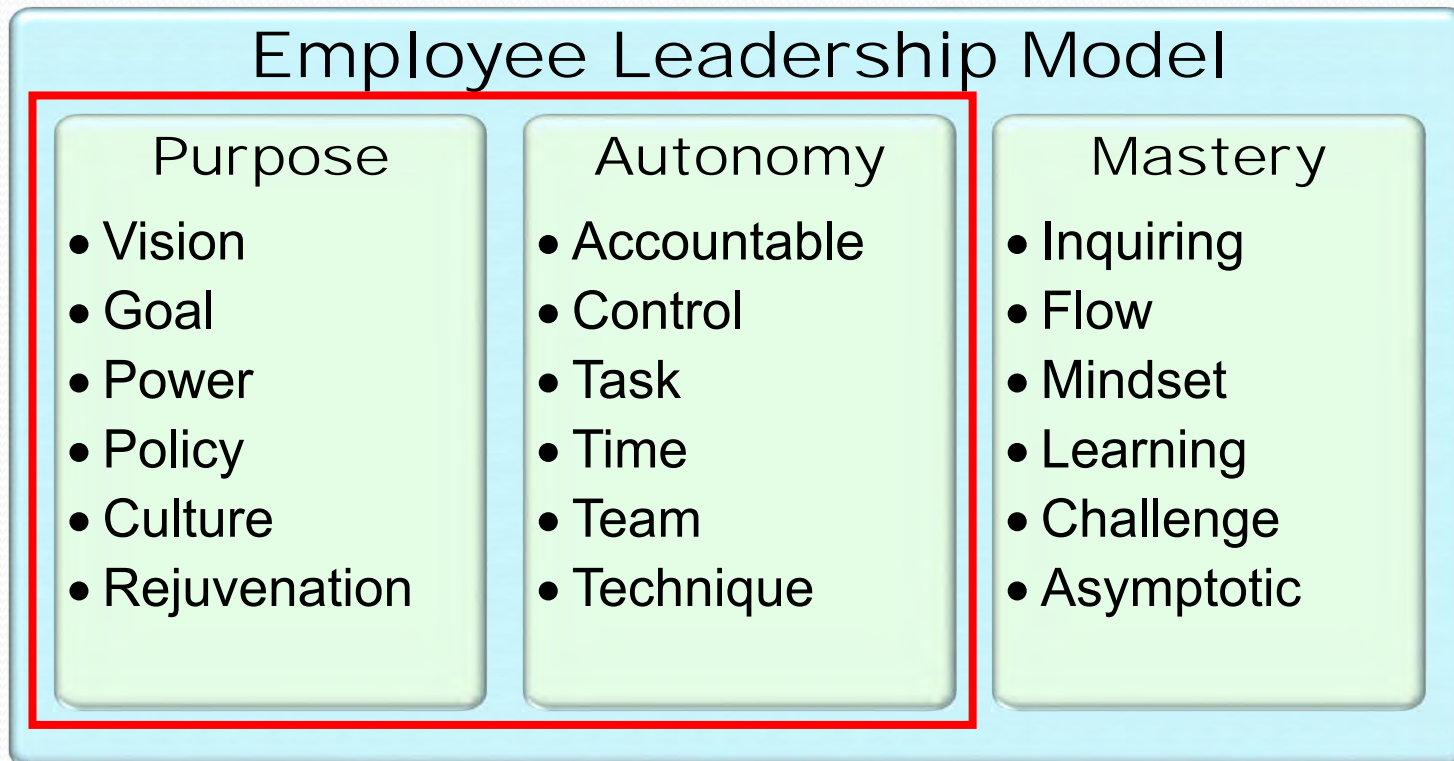
AGILE LEADERSHIP Model

- ❑ Created by Sanjiv Augustine at CC Pace in 2005
- ❑ Builds agile cultures, mind-sets, & environment
- ❑ Leadership model for managing agile projects



EMPLOYEE LEADERSHIP Model

- Created by bestselling author Dan Pink in 2009
- Integrates & reconciles field of motivation theories
- ☞ □ People more productive when enjoying themselves



RADICAL LEADERSHIP Model

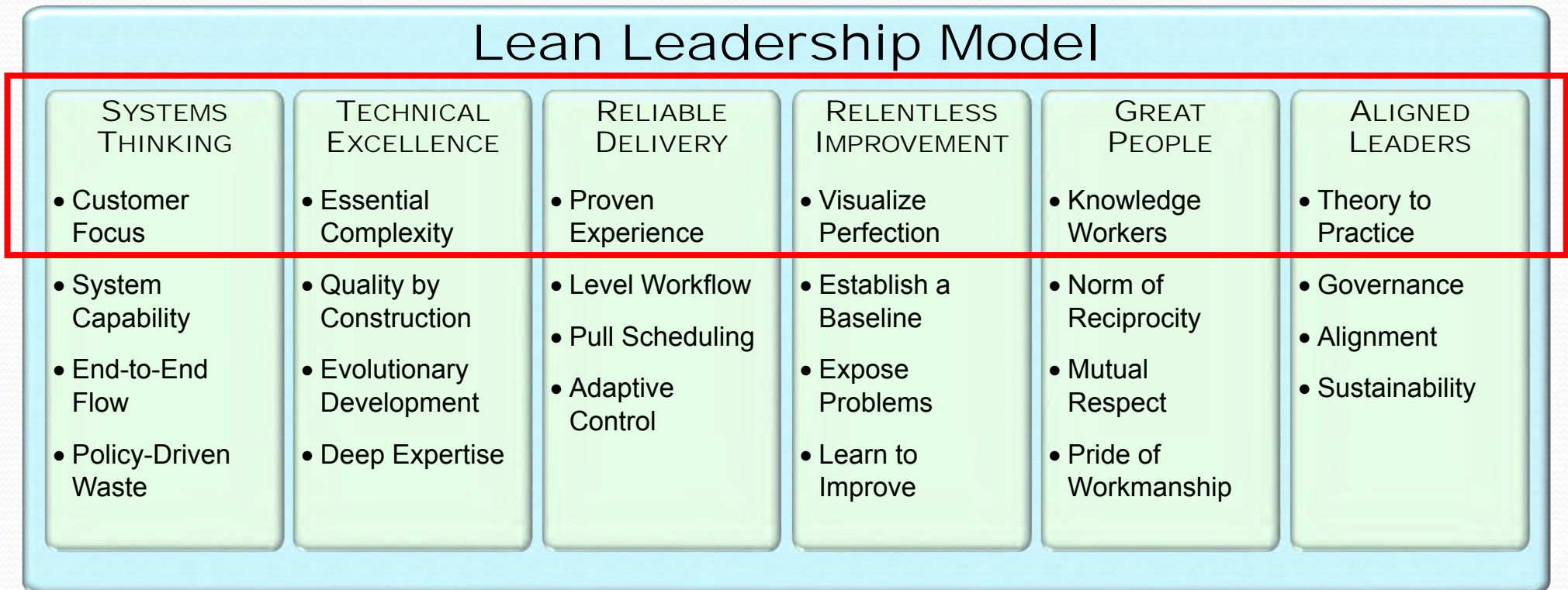
- ❑ Created by bestselling author Steve Denning in 2010
- ❑ Integrates leadership, client focus and agile methods
- ❑ Goal is delighting clients by exceeding expectations

Radical Leadership Model

Delighting Clients	Self Org. Teams	Client Driven Iterations	Delivering Value	Radical Transparency	Continuous Improvement	Interactively Communicate
<ul style="list-style-type: none"> • Identify clients • Tacit desires • Simplicity • Offer less • Exploration • People focus • Meet clients 	<ul style="list-style-type: none"> • Purpose • Communicate • Empowerment • Tailor oversight • Recognition • Remuneration • Consistency 	<ul style="list-style-type: none"> • Client focus • Prioritize • Client value • Involvement • Simplicity • Validate • Improve 	<ul style="list-style-type: none"> • Team focus • Preparation • Estimation • Small batches • Empowerment • Communicate • Sustainability 	<ul style="list-style-type: none"> • Client interface • Daily contact • Retrospectives • Improvement • Radiators • Impediments • Go-and-see 	<ul style="list-style-type: none"> • Line-of-sight • Success • Alignment • Root causes • Make changes • Get feedback • Info. sharing 	<ul style="list-style-type: none"> • Storytelling • Capture stories • Focus teams • Stimulation • Succ. Stories • Listen • Recognition

LEAN LEADERSHIP Model

- ❑ Created by Mary & Tom Poppendieck in 2010
- ❑ Integrates leadership, lean thinking & agile methods
- ❑ Goal is a customer-driven pull-system for leadership



LEADERSHIP 3.0 Model

- ❑ Created by Jurgen Appelo in 2011 (Netherlands)
- ❑ Integrative model for agile organizational leadership
- ❑ Focus on **motivation**, **teamwork**, **purpose**, & **mastery**

Leadership 3.0 Model

ENERGIZE PEOPLE	EMPOWER TEAMS	ALIGN CONSTRAINTS	DEVELOP COMPETENCE	GROW STRUCTURE	IMPROVE EVERYTHING
<ul style="list-style-type: none">• Manage Creativity• Motivate People• Intrinsic Rewards	<ul style="list-style-type: none">• Reduce Fear• Maturity Models• Authority Level	<ul style="list-style-type: none">• Shared Goal• Communication• Goal Autonomy	<ul style="list-style-type: none">• Optimize Whole• Coach & Mentor• Social Pressure	<ul style="list-style-type: none">• Develop Leaders• Select Teams• Org. Style	<ul style="list-style-type: none">• Improvement• Transition Team• Change Env.
<ul style="list-style-type: none">• Team Diversity• Prof. Personality• Team Values• No Door Policy	<ul style="list-style-type: none">• Assign to Teams• Practice Patience• Massage Env.• Trust & Respect	<ul style="list-style-type: none">• Leadership Angle• Protect People• Constrain Quality• Social Contract	<ul style="list-style-type: none">• Adaptable Tools• 360° Meetings• Grow Standards• Work the System	<ul style="list-style-type: none">• Value Units• Teams & Layers• Hybrid Org.• Transparency	<ul style="list-style-type: none">• Change Desire.• Ext. Feedback• Tailor Changes• Retrospectives

360 DEGREE LEADERSHIP Models

CHANGE LEADERSHIP DESCRIPTOR <ul style="list-style-type: none"> • Major Tasks <ul style="list-style-type: none"> – Vision – Management – Empowerment – Diplomacy – Feedback – Entrepreneurialism • Personal Characteristics <ul style="list-style-type: none"> – Style – Energy – Multicultural 	EMOTIONAL QUOTIENT INVENTORY <ul style="list-style-type: none"> • Intrapersonal <ul style="list-style-type: none"> – Assertiveness – Independence • Interpersonal <ul style="list-style-type: none"> – Empathy – Social Responsibility • Adaptability <ul style="list-style-type: none"> – Flexibility – Problem Solving • Stress Management <ul style="list-style-type: none"> – Stress Tolerance – Impulse Control • General Mood <ul style="list-style-type: none"> – Optimism – Happiness 	LEADERSHIP VERSATILITY INDEX <ul style="list-style-type: none"> • Forceful <ul style="list-style-type: none"> – Take Charge – Decisive (Declares) – Demanding (Pushes) • Enabling <ul style="list-style-type: none"> – Empowering (Empowers) – Participative (Supports) – Encouraging (Listens) • Strategic <ul style="list-style-type: none"> – Direction – Expansion (Growth) – Innovation • Operational <ul style="list-style-type: none"> – Execution – Efficiency – Order 	HOGAN 360 LEADERSHIP MODEL <ul style="list-style-type: none"> • Self Management <ul style="list-style-type: none"> – Integrity – Resilience – Communication • Relationship Management <ul style="list-style-type: none"> – People Skills – Team Player – Customer • Working in Business <ul style="list-style-type: none"> – Capability – Efficiency – Results • Working on Business <ul style="list-style-type: none"> – Strategy – Motivation – Innovation 	TRAIT EMOTIONAL INTELLIGENCE <ul style="list-style-type: none"> • Emotionality <ul style="list-style-type: none"> – Empathy – Relationships – Emotional Expression – Emotional Perception • Self Control <ul style="list-style-type: none"> – Emotional Regulation – Impulsiveness – Stress Management • Well Being <ul style="list-style-type: none"> – Optimism – Happiness – Self Esteem • Sociability <ul style="list-style-type: none"> – Social Awareness – Assertiveness – Emotion Management 	LEADERSHIP ASSESSMENT INDEX <ul style="list-style-type: none"> • Leadership Competency <ul style="list-style-type: none"> – Focused Drive – Emotional Intelligence – Trusted Influence – Conceptual Thinking – Systems Thinking • Leadership Skill <ul style="list-style-type: none"> – Strategic Thinking – Comm & Negotiations – Leading Change/Teams – Coaching/Mentoring – Problem Solving • Leadership Responsibility <ul style="list-style-type: none"> – Visioning – Inclusivity – Culture – Innovation – Results
EMOTIONAL QUOTIENT 360 <ul style="list-style-type: none"> • Self Perception <ul style="list-style-type: none"> – Self Regard – Self Actualization – Emotional Self Awareness • Interpersonal <ul style="list-style-type: none"> – Interpersonal Relationships – Empathy – Social Responsibility • Decision Making <ul style="list-style-type: none"> – Problem Solving – Reality Testing – Impulse Control • Self Expression <ul style="list-style-type: none"> – Emotional Expression – Assertiveness – Independence • Stress Management <ul style="list-style-type: none"> – Flexibility – Stress Tolerance – Optimism 	WORK PERSONALITY INDEX <ul style="list-style-type: none"> • Achievement Orientation <ul style="list-style-type: none"> – Ambition – Initiative – Flexibility – Energy – Leadership • Conscientiousness <ul style="list-style-type: none"> – Persistence – Attention to detail – Rule Following – Dependability • Social Orientation <ul style="list-style-type: none"> – Teamwork – Concern for Others – Outgoing – Democratic • Practical Intelligence <ul style="list-style-type: none"> – Innovation – Analytical Thinking • Adjustment <ul style="list-style-type: none"> – Self-Control – Stress Tolerance 	CALIFORNIA PSYCH INV 260 <ul style="list-style-type: none"> • Dealing with Others <ul style="list-style-type: none"> – Dominance/Status – Sociability – Self Acceptance – Empathy • Self Management <ul style="list-style-type: none"> – Responsibility – Socialization – Self Control – Good Impression • Motivation & Cognition <ul style="list-style-type: none"> – Conformism – Independence – Conceptual Fluency • Personal Related <ul style="list-style-type: none"> – Insightfulness – Flexibility – Sensitivity • Work Related <ul style="list-style-type: none"> – Managerial – Reliability – Creativity – Leadership 	OPM LEADERSHIP 360 <ul style="list-style-type: none"> • Fundamental <ul style="list-style-type: none"> – Interpersonal – Communication – Learning/Service • Leading Change <ul style="list-style-type: none"> – Innovation – Flexibility – Strategic/Vision • Leading People <ul style="list-style-type: none"> – Conflict – Diversity – Teamwork • Results Driven <ul style="list-style-type: none"> – Customer Service – Decisiveness – Problem Solving • Business Acumen <ul style="list-style-type: none"> – Financial – Human Capital – Technology • Coalitions <ul style="list-style-type: none"> – Partnering – Political – Influencing 	FUND INTER REL ORIENT BEH <ul style="list-style-type: none"> • Expressed Inclusion <ul style="list-style-type: none"> – Conversation – Involve/Recognize – Include/Help • Expressed Control <ul style="list-style-type: none"> – Assume Authority – Competitive Stance – Lead/Influence • Expressed Affection <ul style="list-style-type: none"> – Reassure/Concern – Trust Others – Coach Others • Wanted Inclusion <ul style="list-style-type: none"> – Visible/Involvement – Clothing/Workspace – Seek Recognition • Wanted Control <ul style="list-style-type: none"> – Seek Help/Direction – Defer Opinions – Raise Issues • Wanted Affection <ul style="list-style-type: none"> – Flexible – Listen/Open – Share/Give 	LEAD PRACTICES INVENTORY 360 <ul style="list-style-type: none"> • Model Way <ul style="list-style-type: none"> – Sets Example – Invests Time – Follow Through – Build Consensus • Inspire Vision <ul style="list-style-type: none"> – Compelling Case – Exciting Appeals – Common Vision – Genuine Conviction • Challenge Process <ul style="list-style-type: none"> – Seeks Challenge – Outside Ideas – Lessons Learned – Experiments & Risks • Enable Others <ul style="list-style-type: none"> – Cooperate – Actively Listen – Dignity & Respect – Support Decisions • Encourage Heart <ul style="list-style-type: none"> – Praise Others – Express Confidence – Give Recognition – Celebrate Others

Lean & Agile Contract Values

- Communication, cooperation, and interaction key
- Shared responsibility vs. blame and adversarialism
- Needs **greater focus on collaboration vs. legal terms**

Dynamic Value

Performance Based

Target Cost

Optional Scope

Collaborative

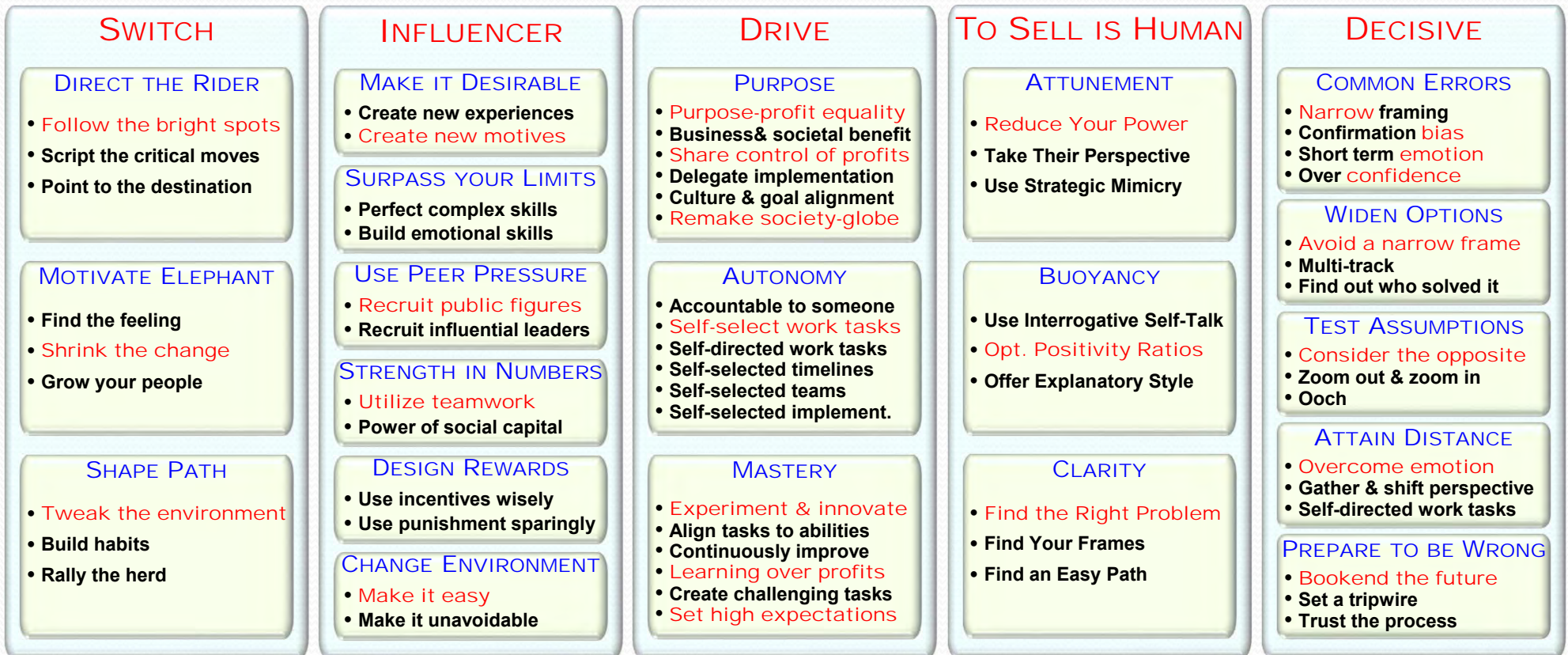
- ✓ **Business & Mission Value OVER** Scope, Processes, & Deliverables
- ✓ **Personal Interactions OVER** Contract, Auditor, & Legal Interactions
- ✓ **Conversations and Consensus OVER** Contract Negotiations & Control
- ✓ **Collaboration & Co-Dependency OVER** Methodology & Adversarialism
- ✓ **Exploration, Evolution, & Emergence OVER** Forecasting & Control
- ✓ **Early Continuous Quality Solutions OVER** Late, Long-Term Deliveries
- ✓ **Entrepreneurialism & Openness OVER** Compliance & Self-Interest
- ✓ **Personnel Delight, Happiness, & Joy OVER** Policies & Governance
- ✓ **Cross-Functionalism, Talent, & Flexibility OVER** Rigid Specialization

Rico, D. F. (2011). *The necessity of new contract models for agile project management*. Fairfax, VA: Gantthead.Com.

Rico, D. F. (2013). *Agile vs. traditional contract manifesto*. Retrieved March 28, 2013 from <http://www.davidfrico.com>

Lean & Agile Change Models

- Change, no matter how small or large, is difficult
- Smaller focused changes help to cross the chasm
- ☞ □ Simplifying, motivating, and validation key factors



Heath, C., & Heath, D. (2010). *Switch: How to change things when change is hard*. New York, NY: Random House.
 Patterson, K., et al. (2008). *Influencer: The power to change anything*. New York, NY: McGraw-Hill.
 Pink, D. H. (2009). *Drive: The surprising truth about what motivates us*. New York, NY: Riverhead Books.
 Pink, D. H. (2012). *To sell is human: The surprising truth about moving others*. New York, NY: Riverhead Books.
 Heath, C., & Heath, D. (2013). *Decisive: How to make better choices in life and work*. New York, NY: Random House.

Other Leadership Considerations

- Power & authority delegated to the lowest level
- Tap into the creative nuclear power of team's talent
- ☞ □ Coaching, communication, and relationships key skills

Personal

- Don't Be a Know-it-All
- Be Open & Willing to Learn
- Treat People Respectfully
- Be Gracious, Humble, & Kind
- Listen & Be Slow-to-Speak
- Be Patient & Longsuffering
- Be Objective & Dispassionate
- Don't Micromanage & Direct
- Exhibit Maturity & Composure
- Don't Escalate or Exacerbate
- Don't Gossip or be Negative
- Delegate, Empower, & Trust
- Gently Coach, Guide, & Lead

Project

- Customer Communication
- Product Visioning
- Distribution Strategy
- Team Development
- Standards & Practices
- Telecom Infrastructure
- Development Tools
- High-Context Meetings
- Coordination & Governance
- F2F Communications
- Consensus Based Decisions
- Performance Management
- Personal Development

Enterprise

- Business Value vs. Scope
- Interactions vs. Contracts
- Relationship vs. Regulation
- Conversation vs. Negotiation
- Consensus vs. Dictatorship
- Collaboration vs. Control
- Openness vs. Adversarialism
- Exploration vs. Planning
- Incremental vs. All Inclusive
- Entrepreneurial vs. Managerial
- Creativity vs. Constraints
- Satisfaction vs. Compliance
- Quality vs. Quantity

Rico, D. F. (2013). *Agile coaching in high-conflict environments*. Retrieved April 11, 2013 from <http://davidfrico.com/agile-conflict-mgt.pdf>

Rico, D. F. (2013). *Agile project management for virtual distributed teams*. Retrieved July 29, 2013 from <http://www.davidfrico.com/rico13m.pdf>

Rico, D. F. (2013). *Agile vs. traditional contract manifesto*. Retrieved March 28, 2013 from <http://www.davidfrico.com/agile-vs-trad-contract-manifesto.pdf>

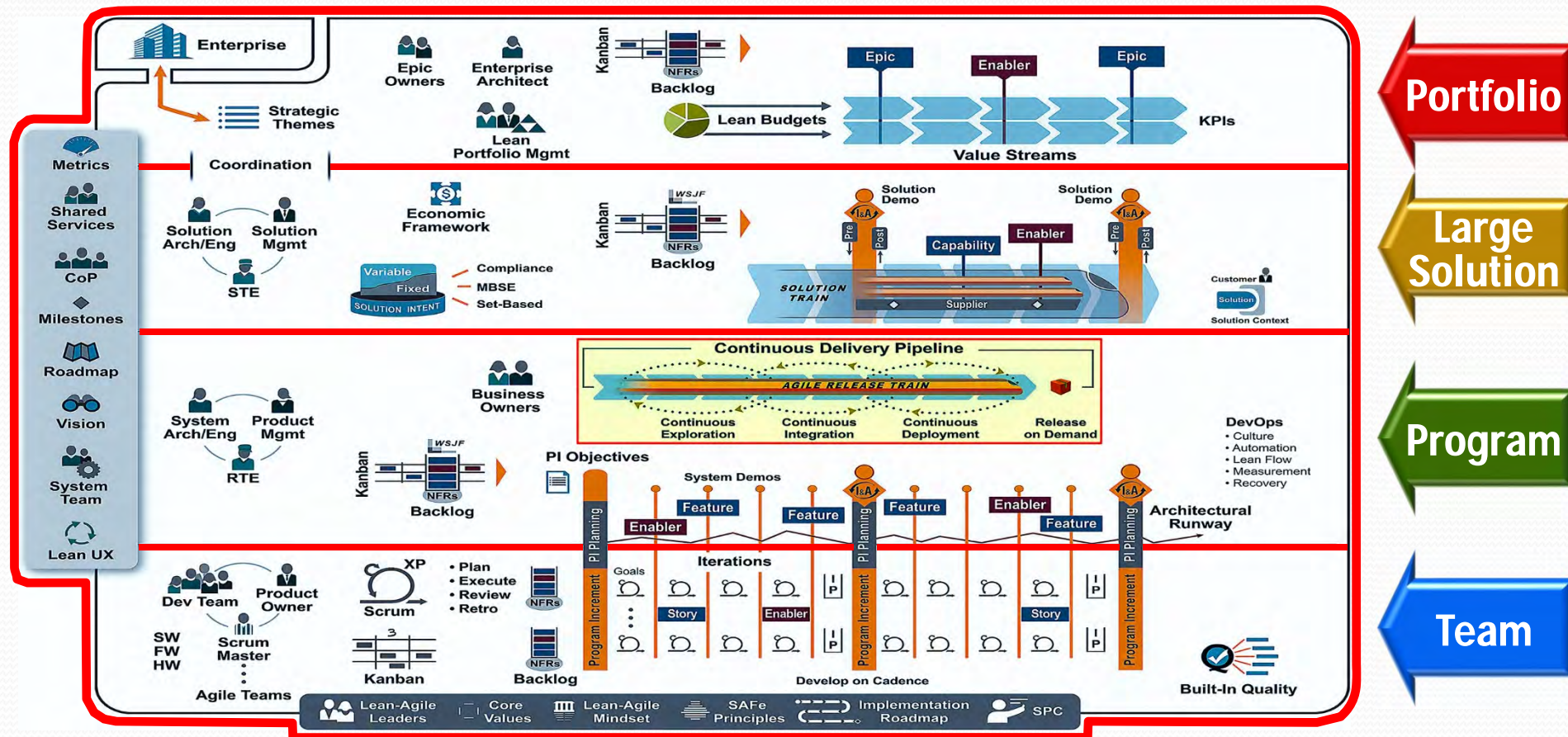
Traditional PORTFOLIO MANAGEMENT

- **Portfolio.** Subportfolio, program, project, operations
- **Portfolio Mgt.** Manage these to achieve strategic obj.
- ☞ □ **Objectives.** Includes **efficiency**, **effectiveness**, & **value**



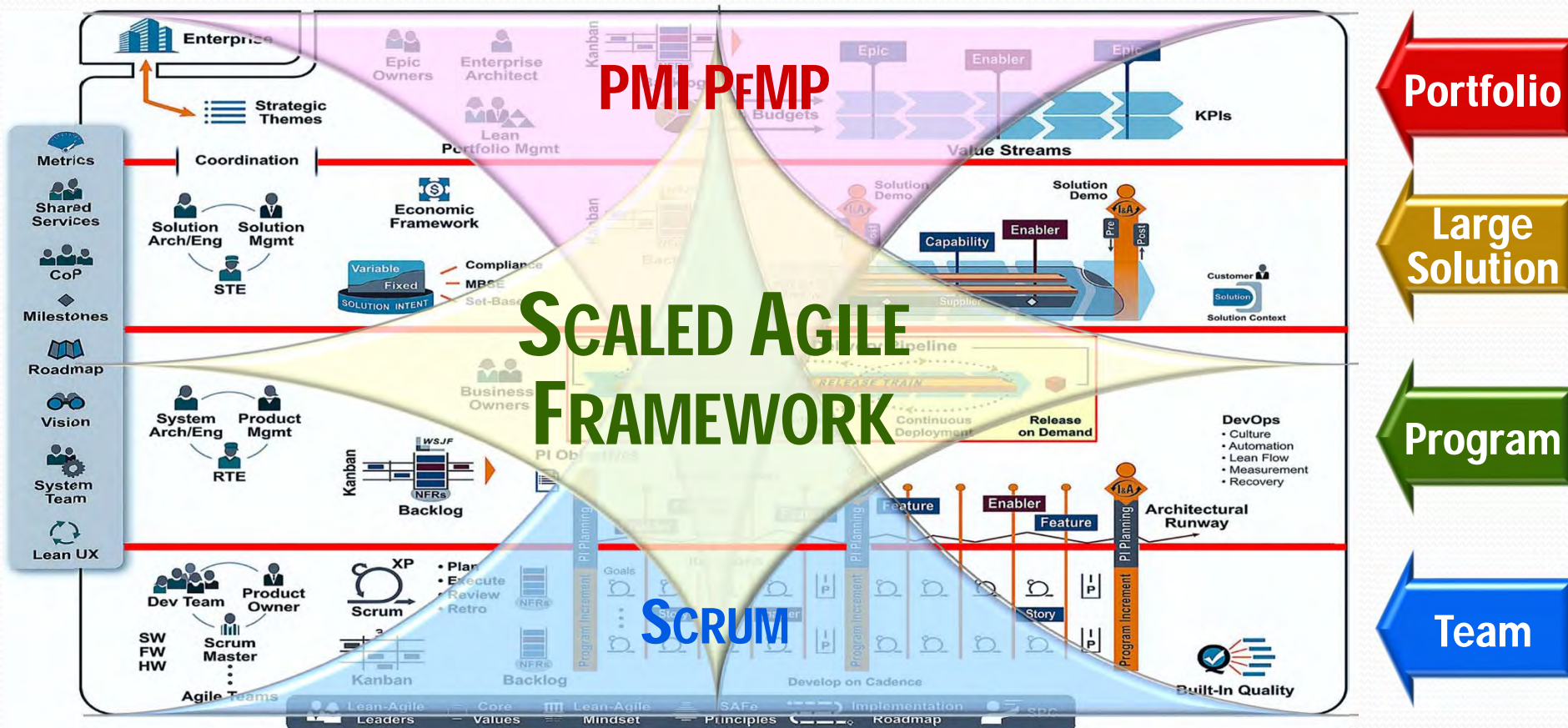
Lean & Agile PORTFOLIO MANAGEMENT

- ☞ ☐ Proven, public well-defined F/W for scaling Lean-Agile
- ☞ ☐ Synchronizes alignment, collaboration, and deliveries
- ☞ ☐ Quality, execution, alignment, & transparency focus



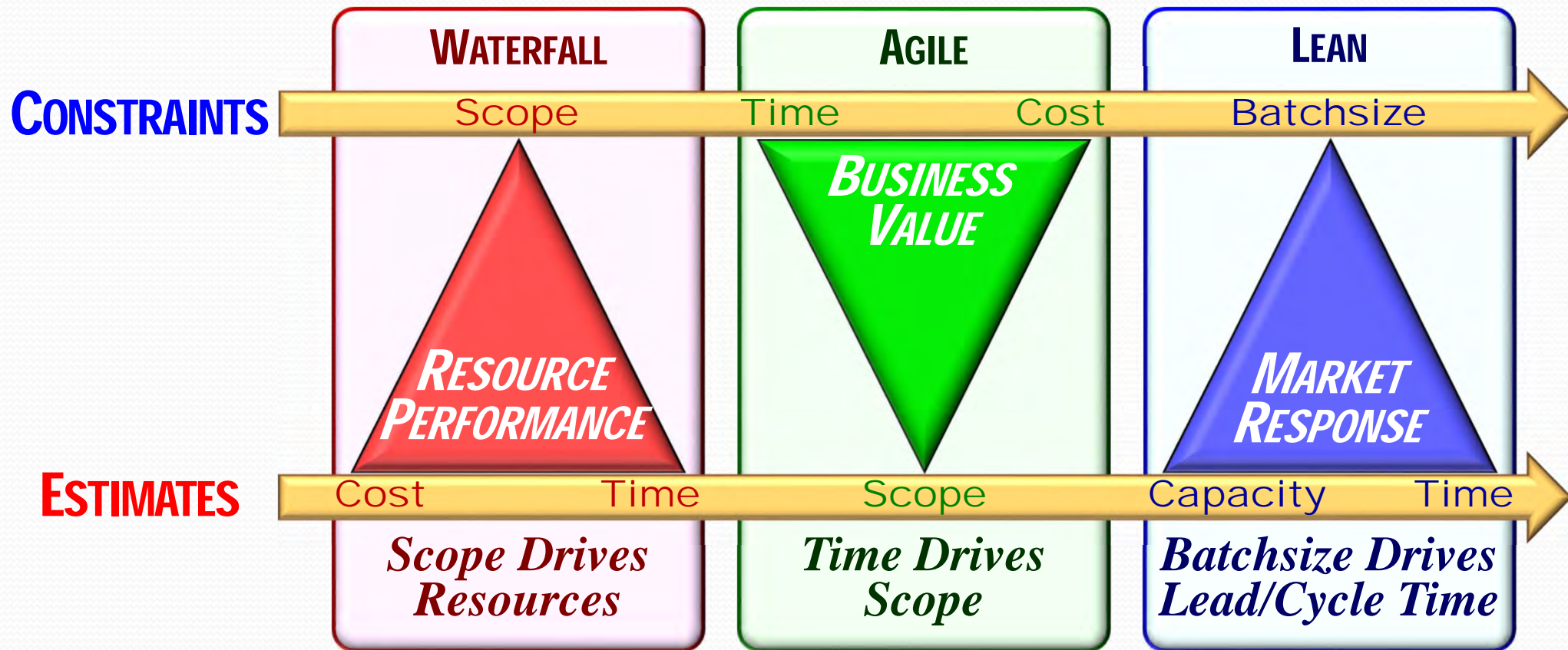
Trad. vs. Lean & Agile PORTFOLIOS

- Scrum created to address Agile team mgt.
- SAFe created to address Agile program mgt.
- ☞ □ PfMp created to address Portfolio management



Lean & Agile **GOLDBLOCKS** Zone

- Traditional project management is scope-based
- Agile project management is primarily time-based
- ☞ □ Batchsize, capacity, & time key to market response



Rico, D. F. (2017). *Lean triangle: Triple constraints*. Retrieved December 17, 2017, from <http://davidfrico.com/lean-triangle.pdf>

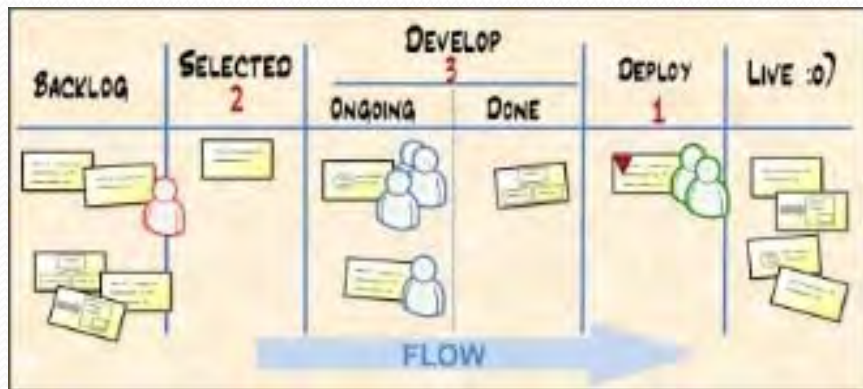
Sylvester, T. (2013). *Waterfall, agile, and the triple constraint*. Retrieved December 16, 2017, from <http://tom-sylvester.com/lean-agile/waterfall-agile-the-triple-constraint>

Pound, E. S., Bell, J. H., Spearman, M. L. (2014). *Factory physics: How leaders improve performance in a post-lean six sigma world*. New York, NY: McGraw-Hill Education.

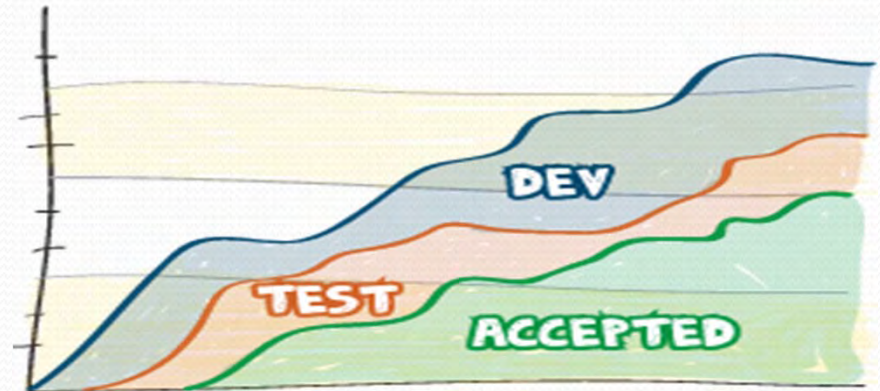
Lean & Agile Basic Measures

- ❑ Late big bang integration increases WIP backlog
- ❑ Agile testing early and often reduces WIP backlog
- ☞ ❑ CI/CD/DevOps lower WIP, Cycle Time, & Lead Time

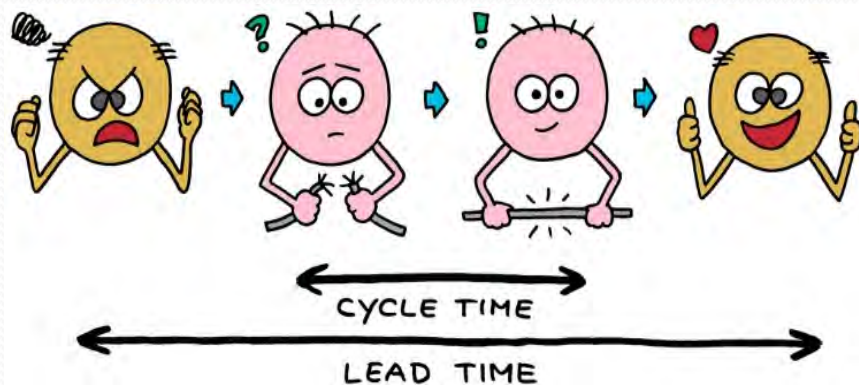
KANBAN BOARD



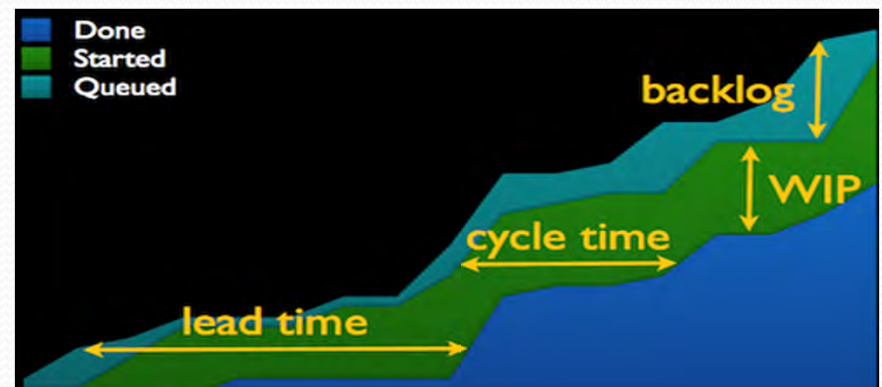
CUMULATIVE FLOW DIAGRAM



LEAD TIME & CYCLE TIME



PUTTING IT ALL TOGETHER



Lean & Agile Org. Measures

8. CAPITAL INFRASTRUCTURE AGILITY

7. ORGANIZATION DESIGN AGILITY

6. IT INFRA-STRUCTURE AGILITY

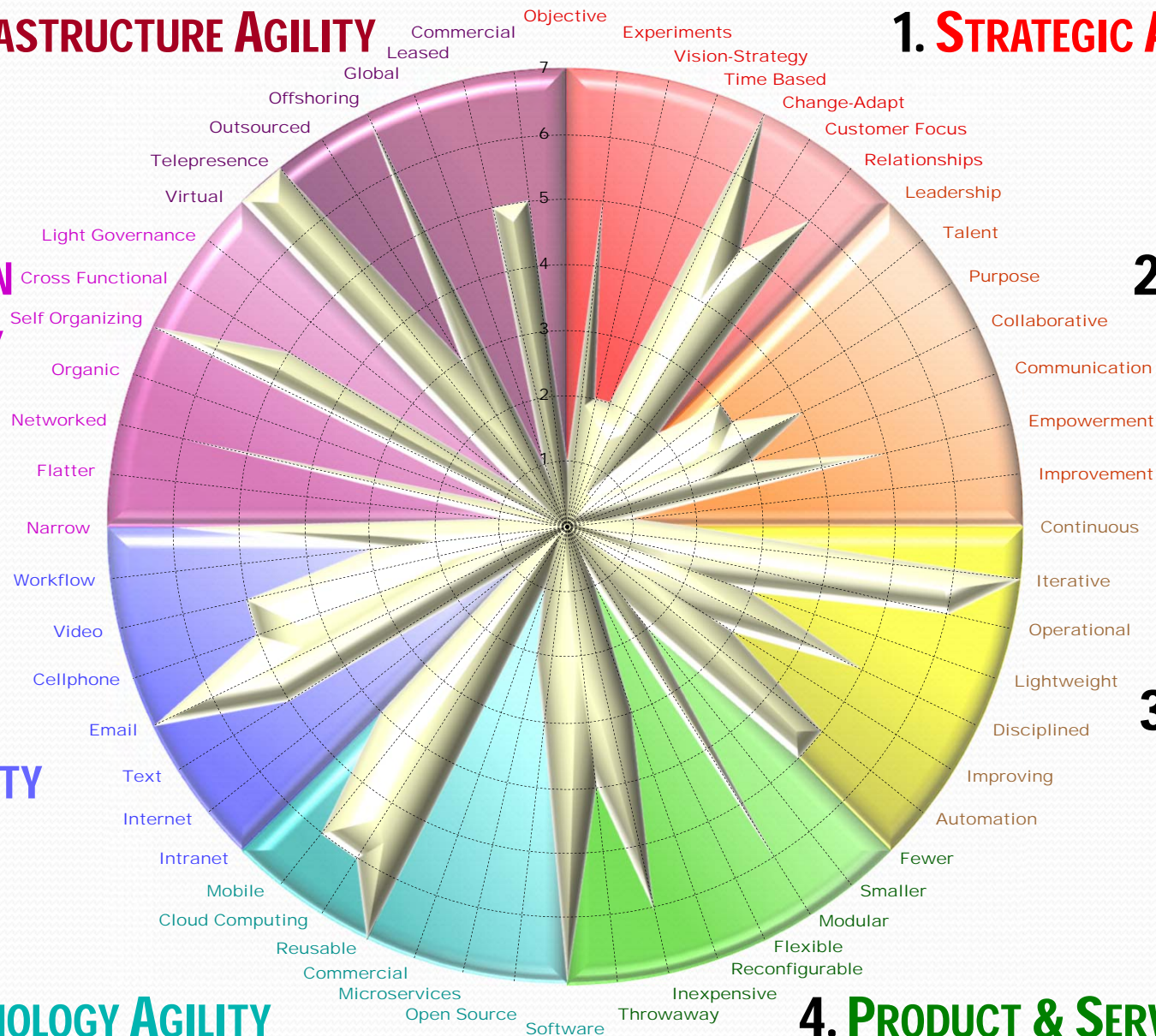
5. TECHNOLOGY AGILITY

1. STRATEGIC AGILITY

2. CULTURAL AGILITY

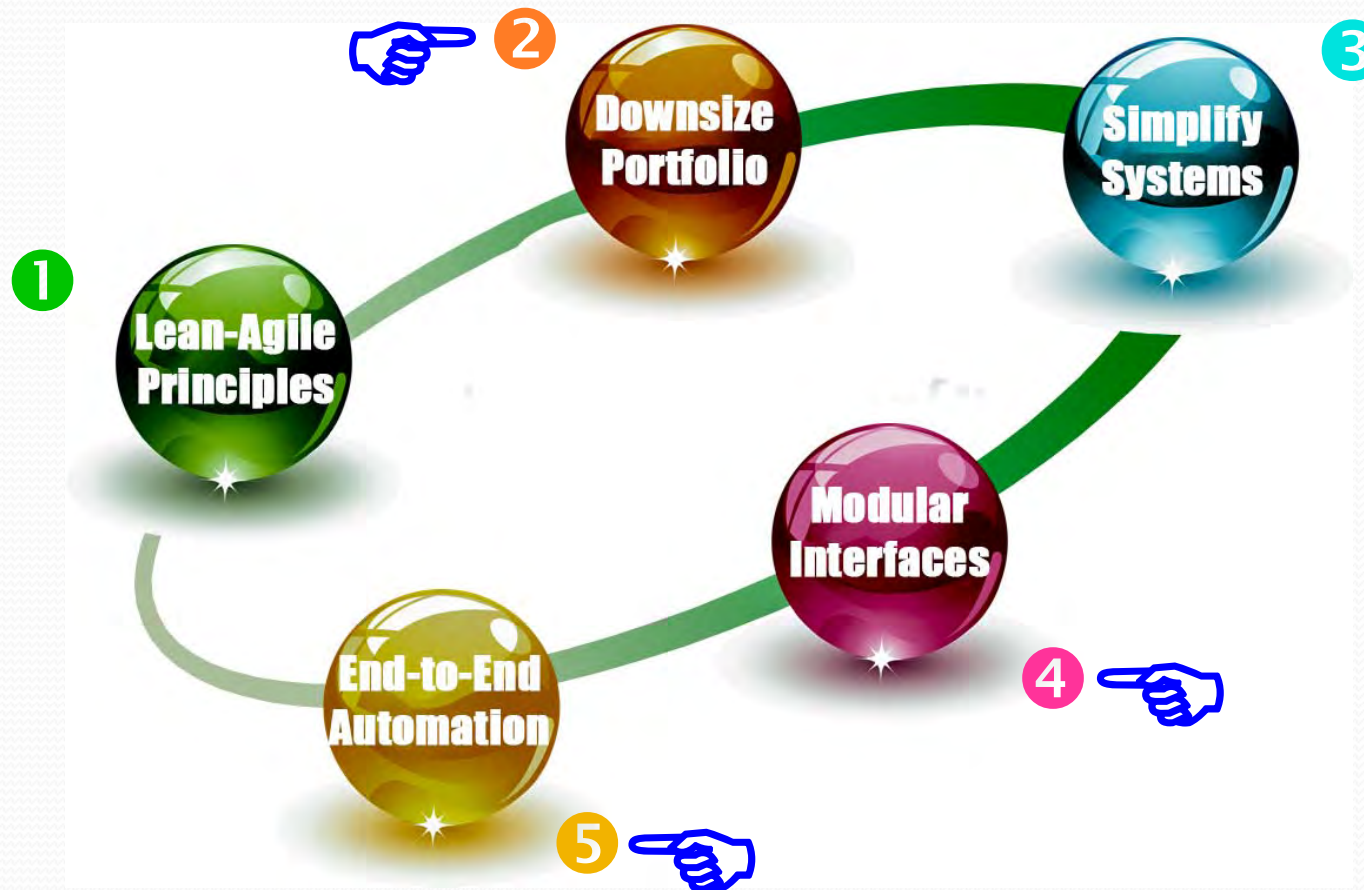
3. PROCESS AGILITY

4. PRODUCT & SERVICE AGILITY



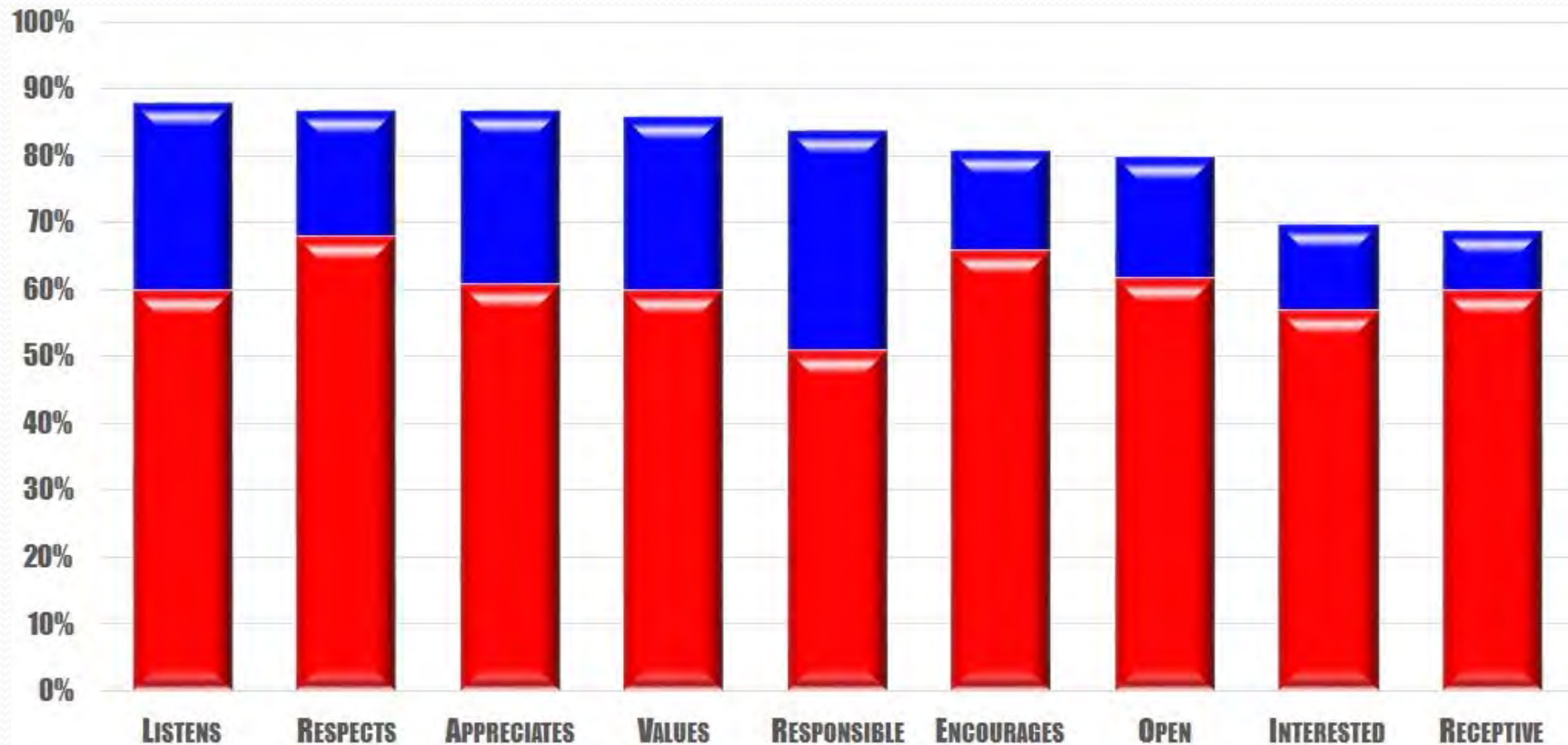
Lean & Agile Success Factors

- Everything begins with lean & agile principles
- Next step is smaller portfolio & simpler designs
- ☞ □ Final step is modular interfaces & E2E automation



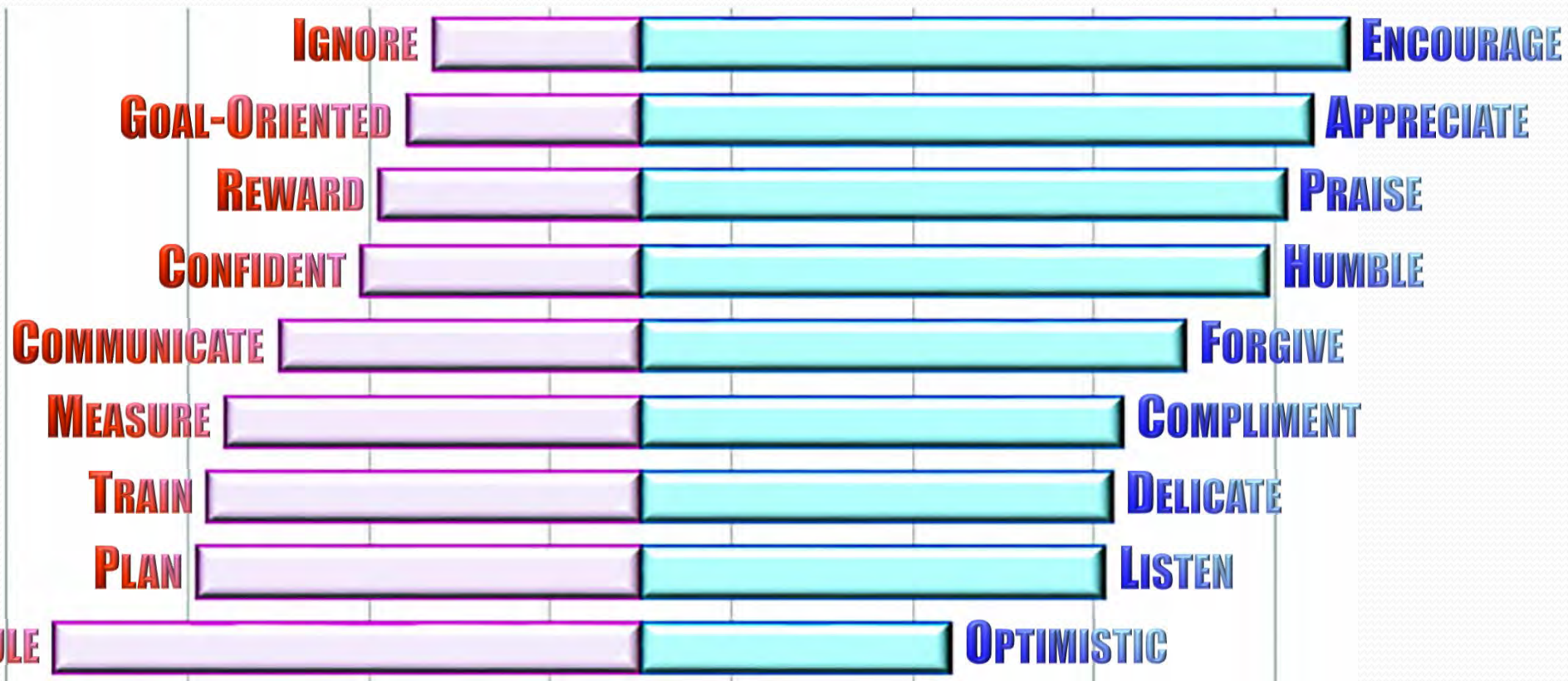
GLOBAL LEADERSHIP Study

- Recent U.S. study on desired leadership attributes
- Rank ordered desired vs. actual leadership qualities
- ☞ □ Focus on listening skill, respect, appreciation, & value



GLOBAL LEADERSHIP Study — Cont'd

- Also compared traditional vs. contemporary attributes
- Older ones based on traditional project management
- ☞ □ Today's leaders encourage, appreciate, and praise



Leadership Performance

76 vs **38**
Percent Percent

High performers have twice as many successful strategic initiatives vs. low performers

31 vs **9**
Percent Percent

High performers are three times as likely to have high organizational agility

57 vs **28**
Percent Percent

High performers are twice as likely to have high alignment of projects to organizational strategy

Three Strategic Focuses That Drive Organizational Success

PEOPLE



Managing Talent and Change

High performers achieve significantly more successful strategic initiatives by effectively managing their project management talent. Furthermore, they demonstrate successful organizational change management, which is more effective with actively engaged sponsors.

2 times

Twice as many high performers have actively engaged sponsors compared to low performers.

PROCESSES



Project, Program and Portfolio Management Maturity

High-performing organizations fully understand the value of project management, have a project management office (PMO) and use standardized project management practices throughout the organization.

4 times

Four times more high performers have project, program and portfolio management that is highly mature compared to low performers.

OUTCOMES



Benefits Realization

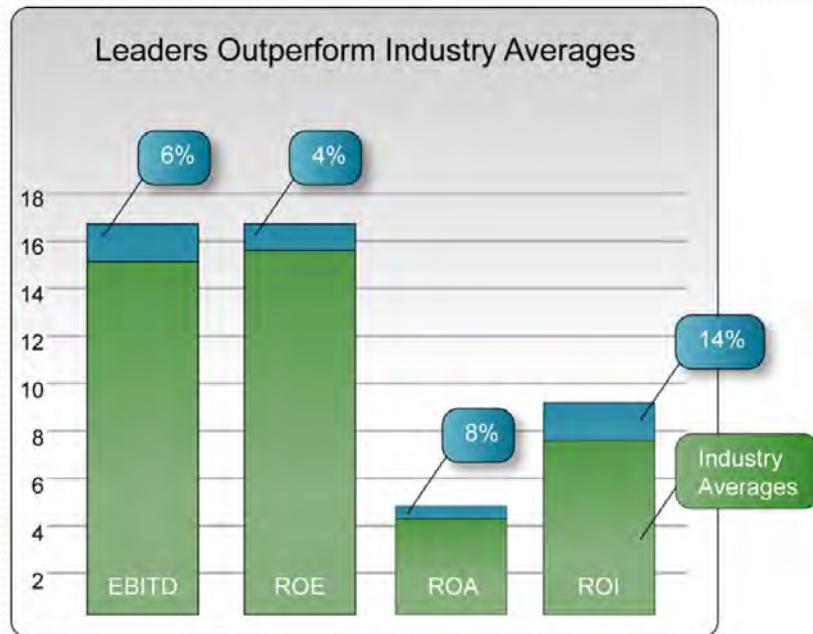
Organizations need to focus on effectively establishing, measuring and communicating the intended benefits of projects and programs.

5 times

Five times more high-performing organizations have highly mature benefits realization compared to low-performing organizations.

Leadership Business Benefits

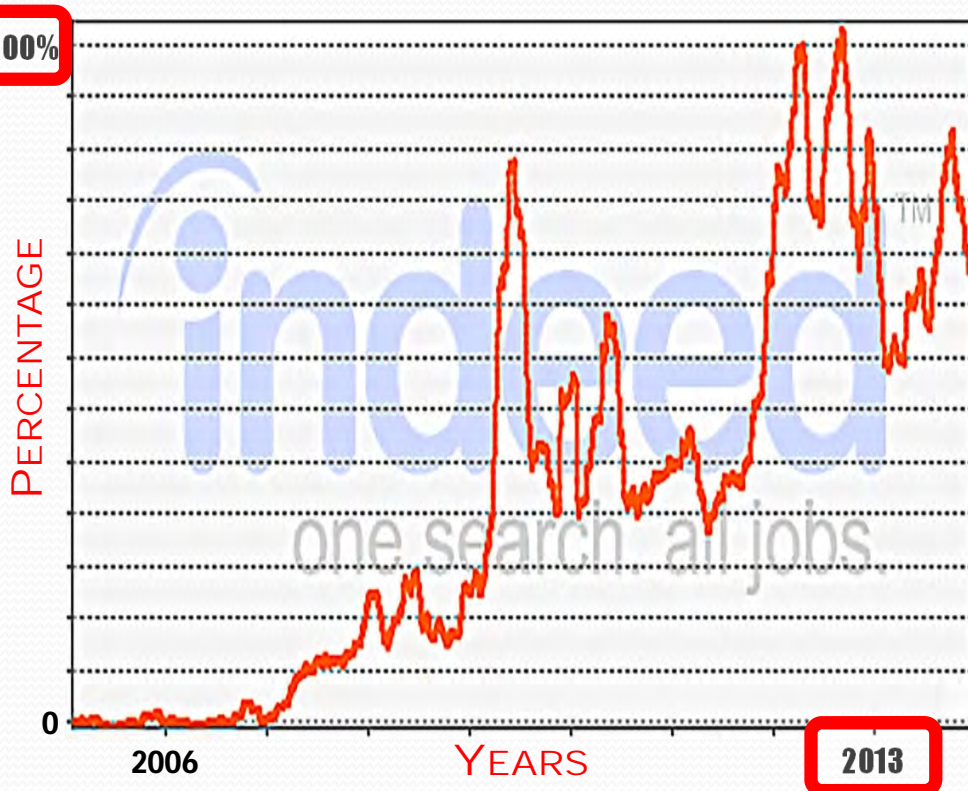
- Study of 15 agile vs. non-agile Fortune 500 firms
- Based on models to measure organizational agility
- ☞ □ Agile firms outperform non agile firms by up to 36%



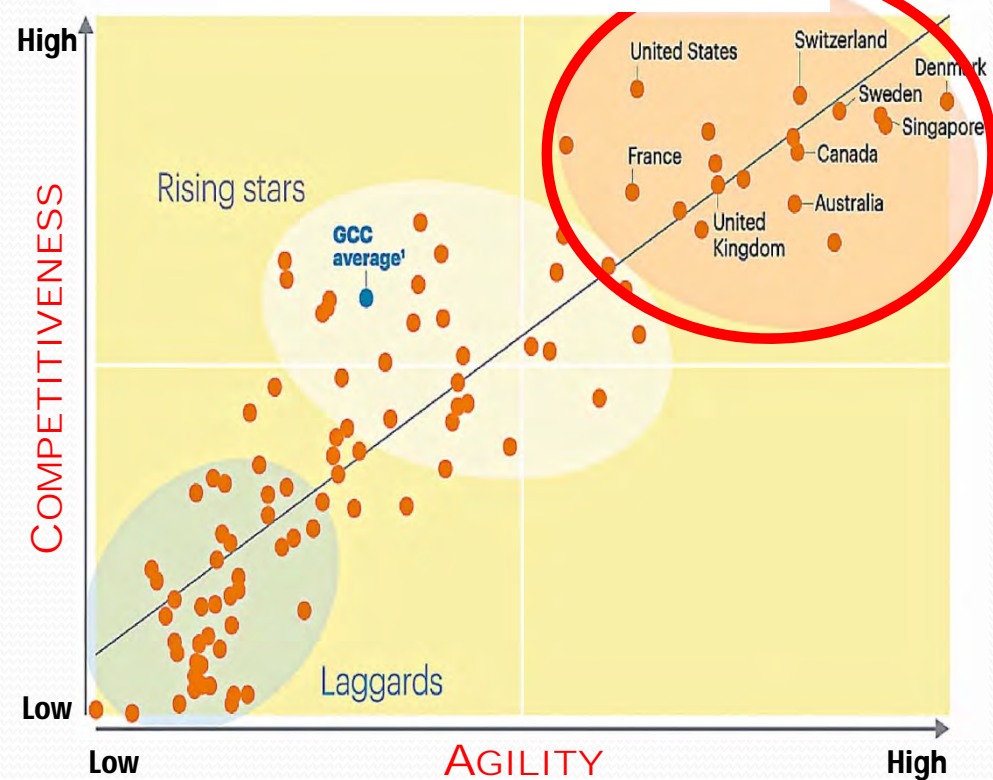
Leadership National Benefits

- U.S. gov't agile jobs grew by 13,000% from 2006-2013
- Adoption is higher in U.S. DoD than Civilian Agencies
- ☞ □ GDP of countries with high adoption rates is greater

GOVERNMENT AGILE JOB GROWTH



GOVERNMENT COMPETITIVENESS

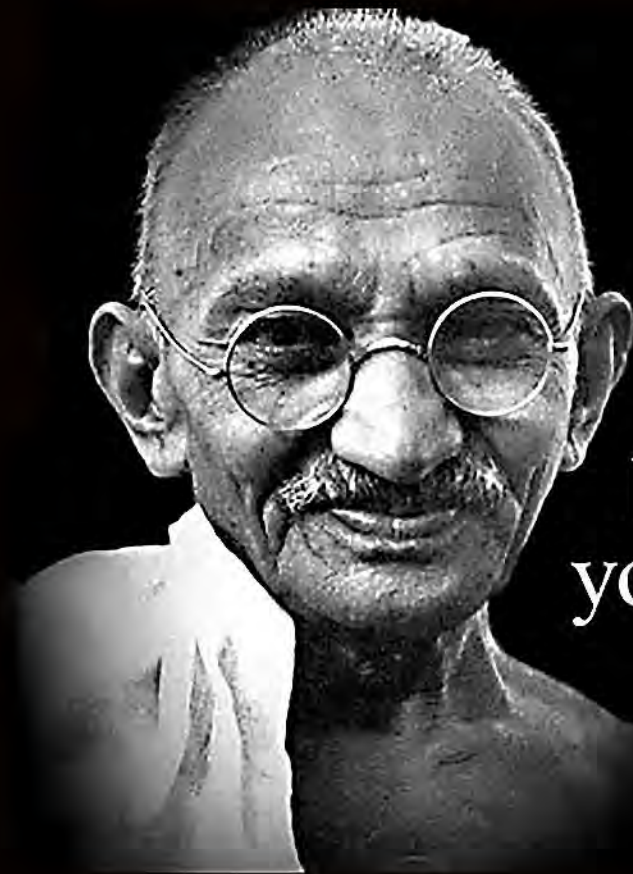


Lean & Agile Leadership Summary

- 21st century leadership is about empowerment vs. ctrl
- Flatter organizations of talented self-organizing teams
- ☞ □ Lean-agile ideas to constantly adapt to market needs

- ☞ • **FLATTER** - *Develop flatter enterprises, organizations, agencies, non-profits, firms, etc.*
- **BOTTOMS UP** - *Deploy bottoms up visioning, missioning, strategic/tactical planning, etc.*
- **VISIONING** - *Continuously proliferate jointly developed visions, missions, strategies, etc.*
- **DELEGATE** - *Delegate authority and responsibility to lowest operational level possible.*
- **LEAN THINKING** - *Promote small batch sizes, low work in process (WIP), Kanban, etc.*
- **ADAPTABILITY** - *Continuously sense and respond to ever changing market needs.*
- **MICRO THINKING** - *Use small throwaway micro batches, products, services, timelines, etc.*
- **FLEXIBILITY** - *Use flexible and inexpensive processes, products, suppliers, services, etc.*
- **EMERGENCE** - *Allow business, product, and service offerings to evolve, emerge, grow, etc.*
- **SELF ORGANIZATION** - *Develop loose coalitions of inter-networked teams vs. hierarchies.*
- **CONVERSATIONS** - *Foster open, informal communications, dialogues, conversations, etc.*
- **BALANCE** - *Strike a balance between organizational commitments and creative pursuits.*
- **AGILITY** - *Find balance of flexibility and discipline for creative, high-quality solutions.*
- **IMPROVEMENT** - *Create a culture of continuous improvement, learning, perfection, etc.*
- **MASTERY** - *Foster an environment of learning, education, self-mastery, perfection, etc.*
- **COLLABORATION** - *Integrate market, customer, and voice, feedback, participation, etc.*

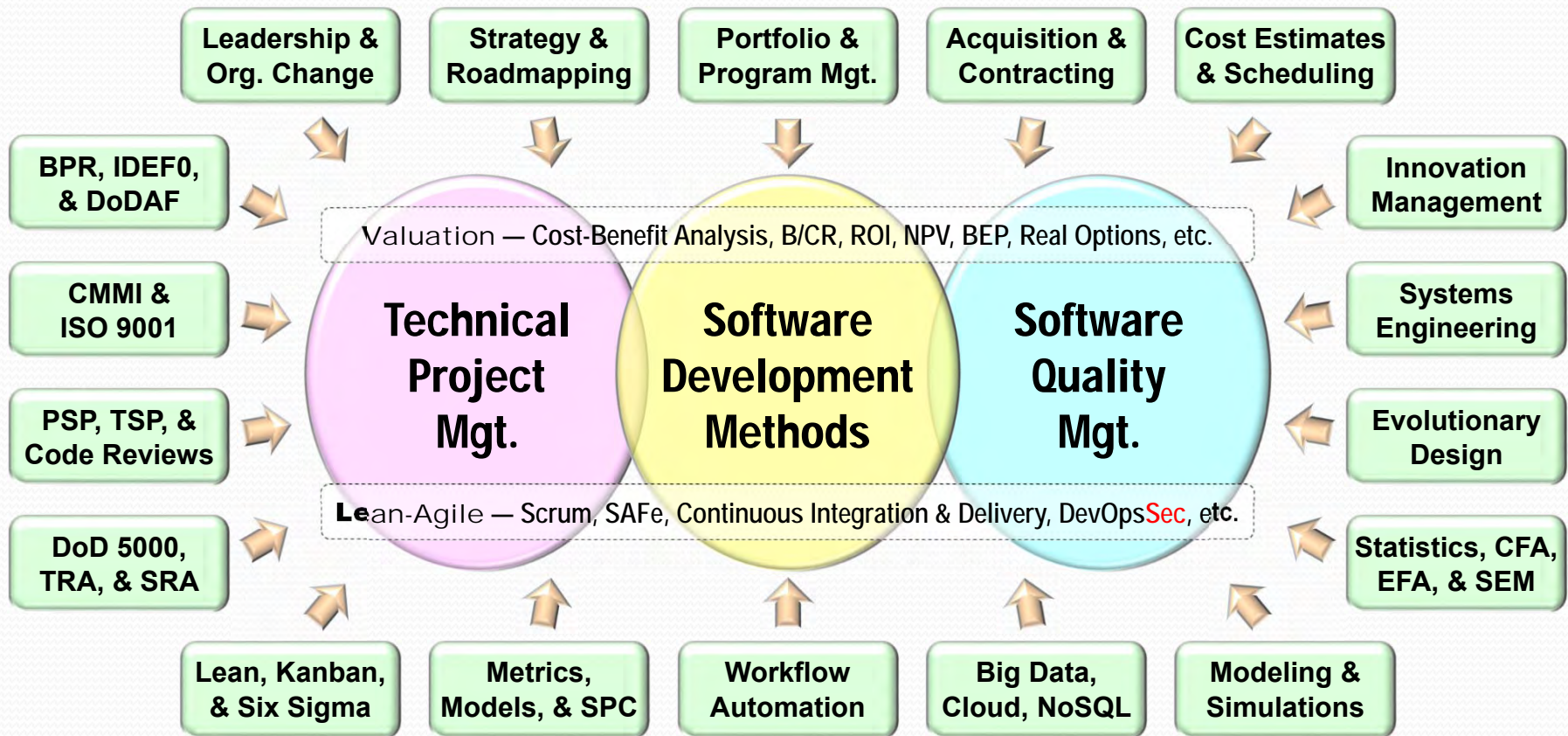
Leadership — Mahatma Gandhi



GANDHI

You must
be the change
you wish to see
in the world.

Dave's PROFESSIONAL CAPABILITIES



STRENGTHS – Communicating Complex Ideas • Brownbags & Webinars • Datasheets & Whitepapers • Reviews & Audits • Comparisons & Tradeoffs • Brainstorming & Ideation • Data Mining & Business Cases • Metrics & Models • Tiger Teams & Shortfuse Tasks • Strategy, Roadmaps, & Plans • Concept Frameworks & Multi-Attribute Models • Etc.



- **Data mining.** Metrics, benchmarks, & performance.
- **Simplification.** Refactoring, refinement, & streamlining.
- **Assessments.** Audits, reviews, appraisals, & risk analysis.
- **Coaching.** Diagnosing, debugging, & restarting stalled projects.
- **Business cases.** Cost, benefit, & return-on-investment (ROI) analysis.
- **Communications.** Executive summaries, white papers, & lightning talks.
- **Strategy & tactics.** Program, project, task, & activity scoping, charters, & plans.

