Introduction to Lean Six Sigma

Learning objectives:

- 1. Understand the fundamentals of Lean and Six Sigma.
- 2. Understand the importance of improving productivity by eliminating waste and variability.
- 3. Learn how to successfully implement and manage Lean Six Sigma philosophy, tools, and methodologies.
- 4. Develop a leadership mindset and become a change agent in establishing the structure needed to achieve impactful results.

Content

- I. Background
- II. Business Development Model
- III. What is Lean and Six Sigma?
- IV. Benefits
- V. Implementation Process
- VI. Change Management
- VII. Structure and Roles
- VIII. Leadership

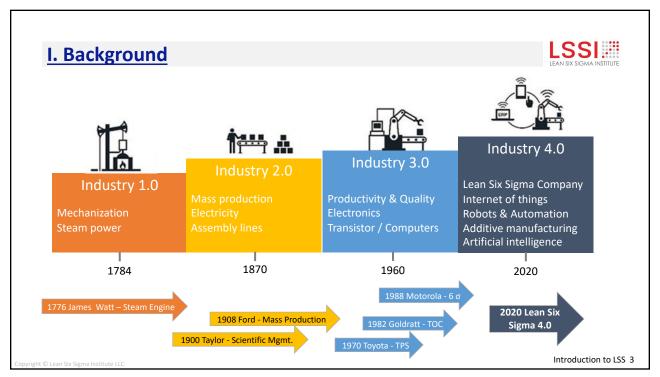
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"When the winds of change blow, some people build walls and others build windmills."

- Chinese Proverb



Attention!



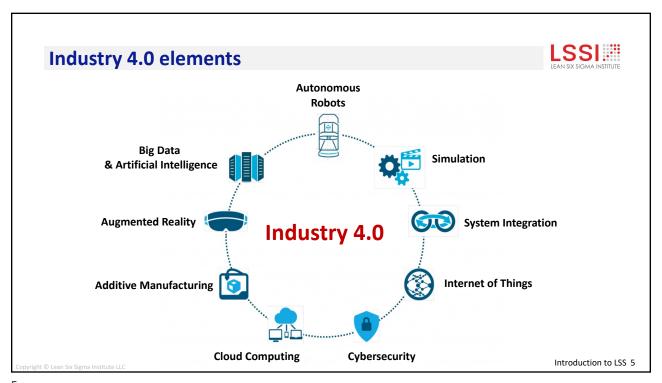
Many companies continue to encounter:

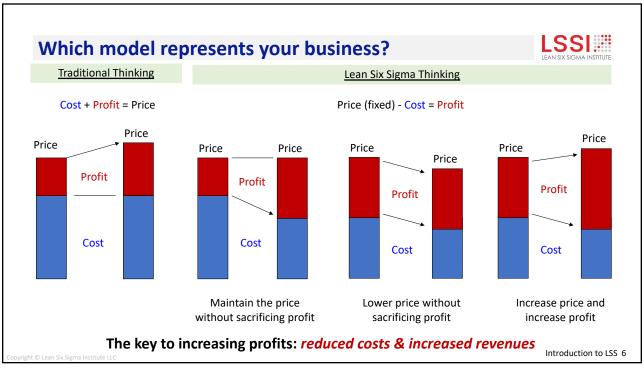
- Slow delivery of products and services
- Constant customer complaints
- Inconsistent quality
- Poor customer service
- High costs and prices
- Poor internal communication

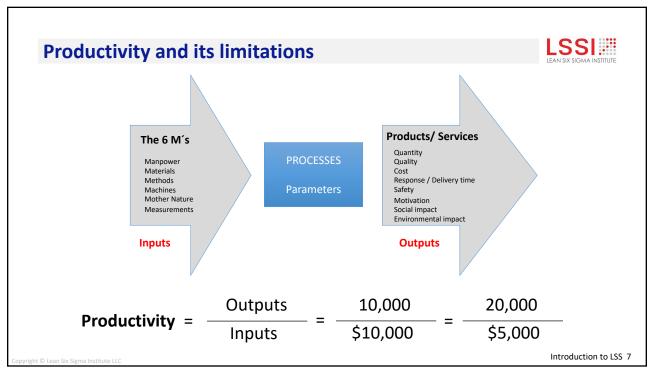
THESE COMPANIES ARE DESTINED TO VANISH!

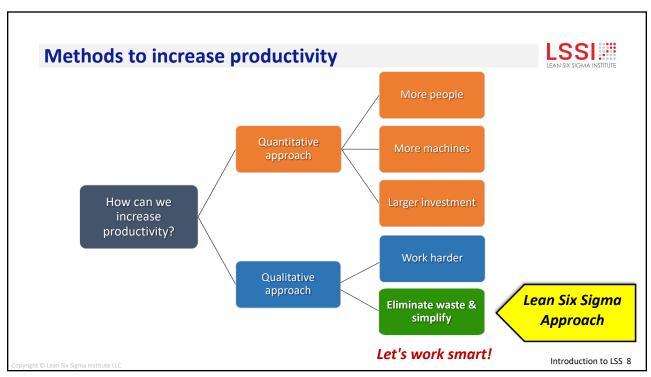
"It's not the big that eat the small...it's the fast that eat the slow."

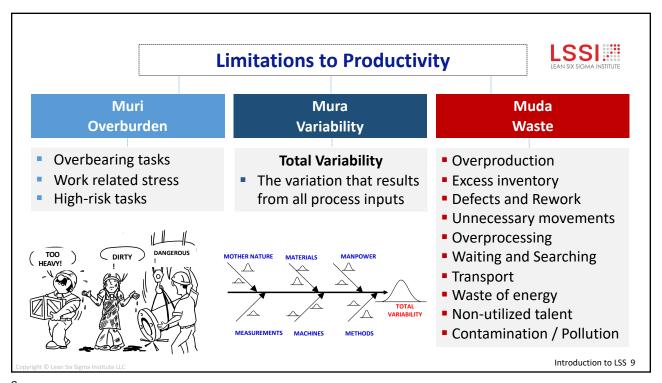
Jason Jennings

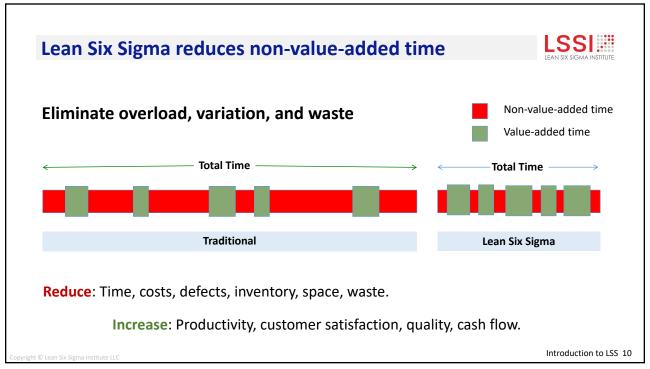


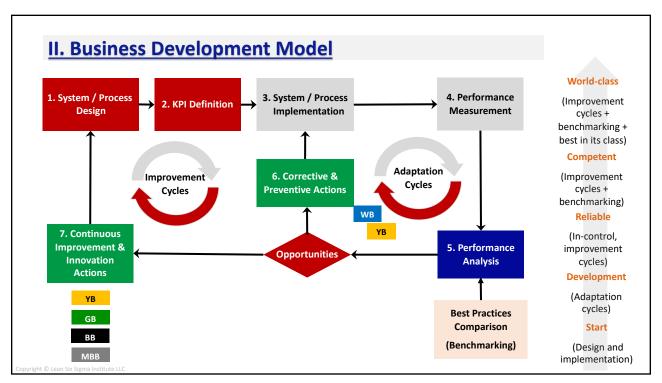


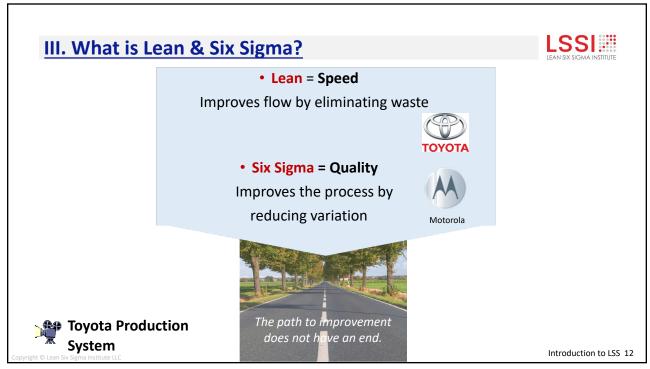


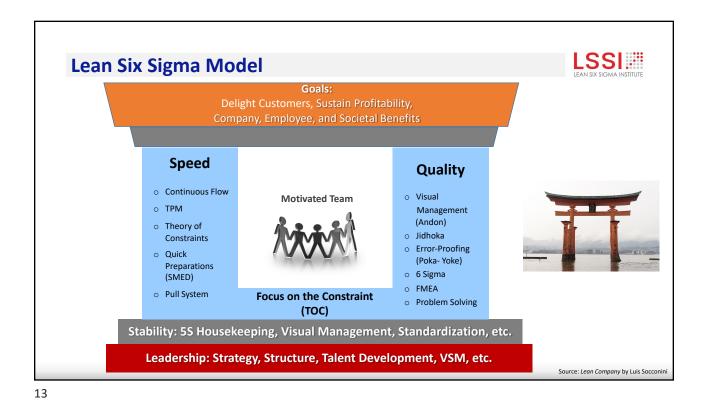


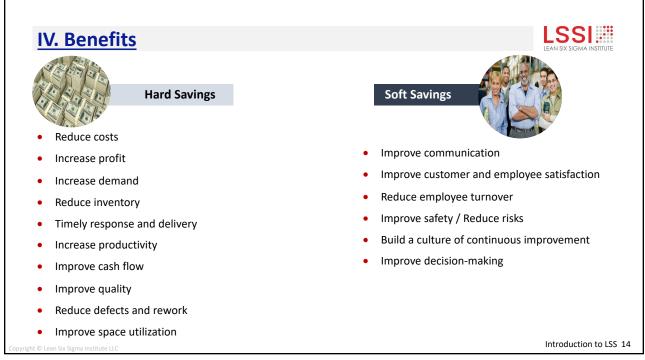


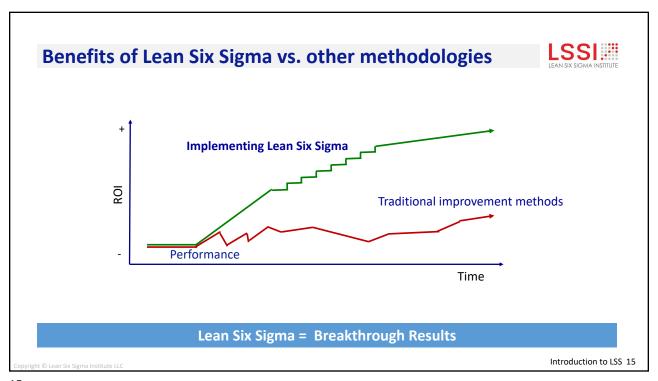














Lean Six Sigma benefits industries of any type and size



- Food & Beverage
- Electronics
- Metallurgy
- Services
- Automotive
- Government
- Agriculture
- - Pharmaceutical
 - Banking
 - Hospitality
 - Healthcare
 - Construction
 - Cosmetics

- Plastics
- Lubricants
- Logistics & Customs
- Education
- Footwear
- Textile
- Printing
- Foundry

LEAN MANAGEMENT

WHITE BELT

YELLOW BELT

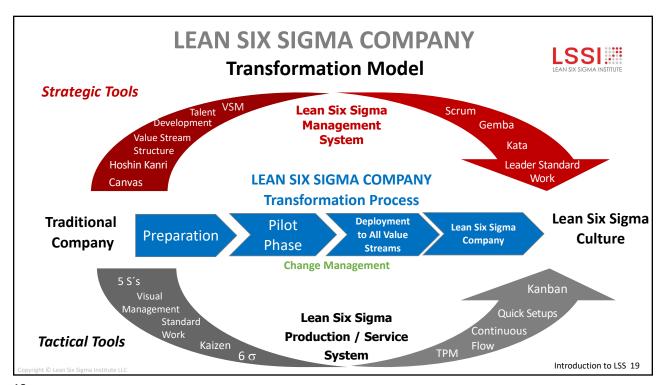
GREEN BELT

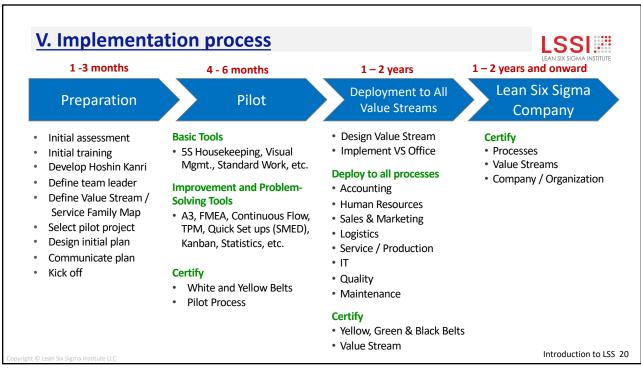
BLACK BELT

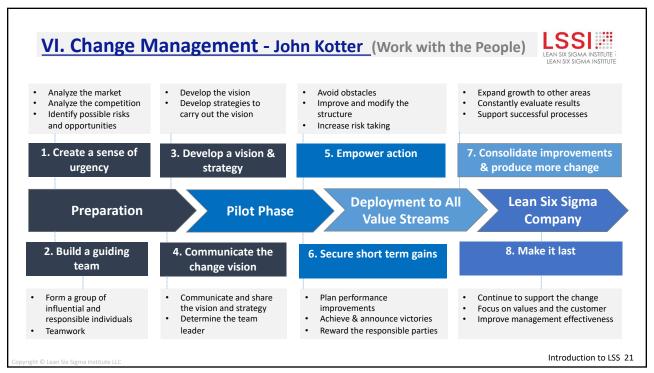
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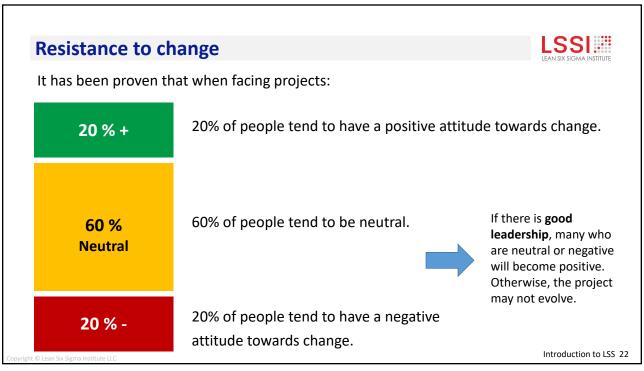
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Traditional Lean Six Sigma Lean Six Sigma Lean Six Sigma High-impact projects in the value stream or service family "If I could change the way we implemented it, I would have started with Lean and then Six Sigma." Jack Welch, Ex-CEO GE

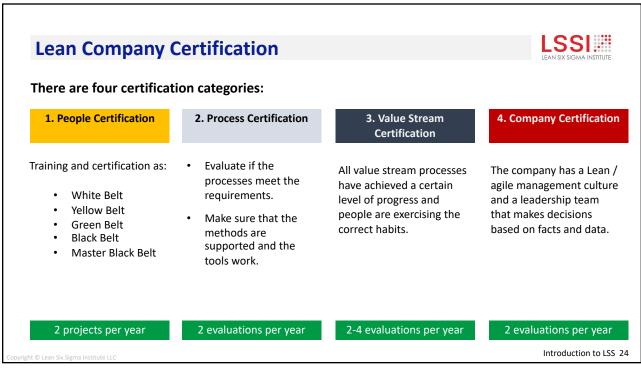


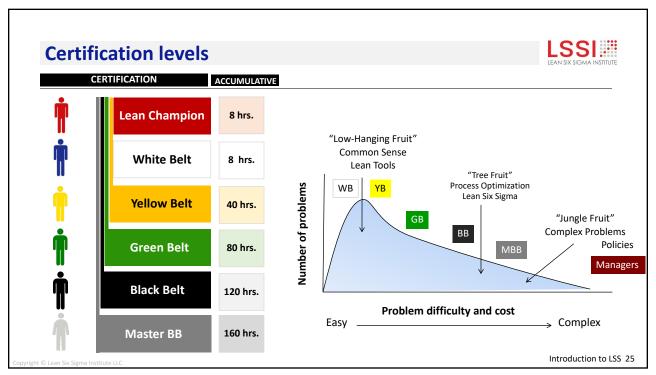


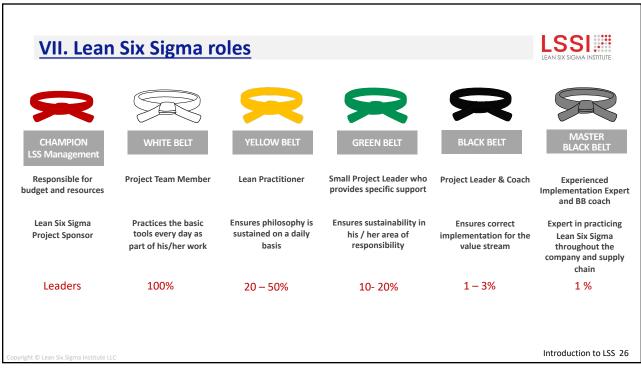


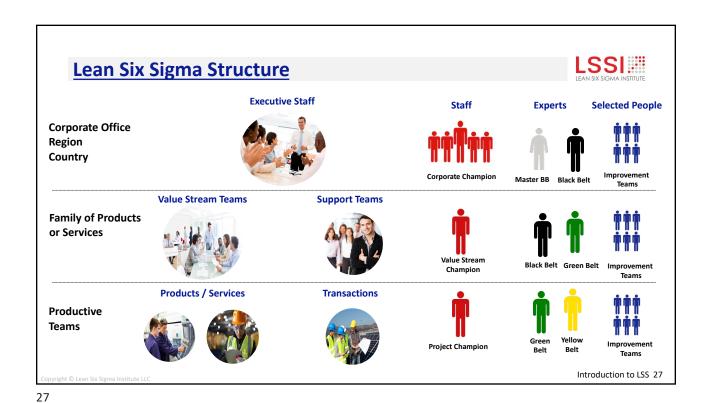












VIII. Lean Six Sigma requires Leaders



BOSS

- Manages employees
- Depends on authority
- Inspires fear
- Says "I"
- Places blame for breakdowns
- Knows how work is done
- Uses people
- Takes credit
- Commands
- Says "Go"

LEADER

- Coaches employees
- Has goodwill
- Generates enthusiasm
- Says "We"
- Fixes the breakdowns
- Shows how it is done
- Develops people's talent
- Gives credit
- Asks
- Says "Let's go"

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Conclusion



"No organization, large or small, local or global, is immune to change."

"To address new technological, competitive, and demographic forces, leaders from all sectors are trying to fundamentally alter the way their organizations do business."

John P. Kotter



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