Lean and Digitize Project Management

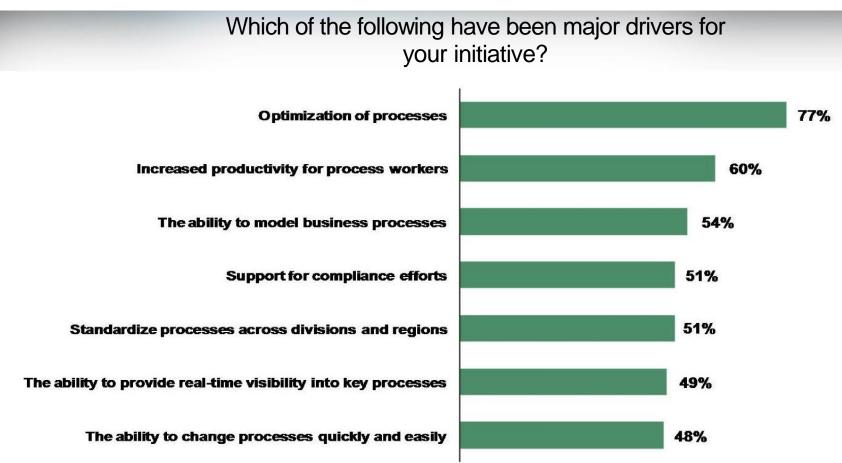
Bernardo Nicoletti

Business Consultant and Coach

Member of the Steerng Committe of the ICT Section, Animp, Italy

Istanbul, Nov. 3°, 2010

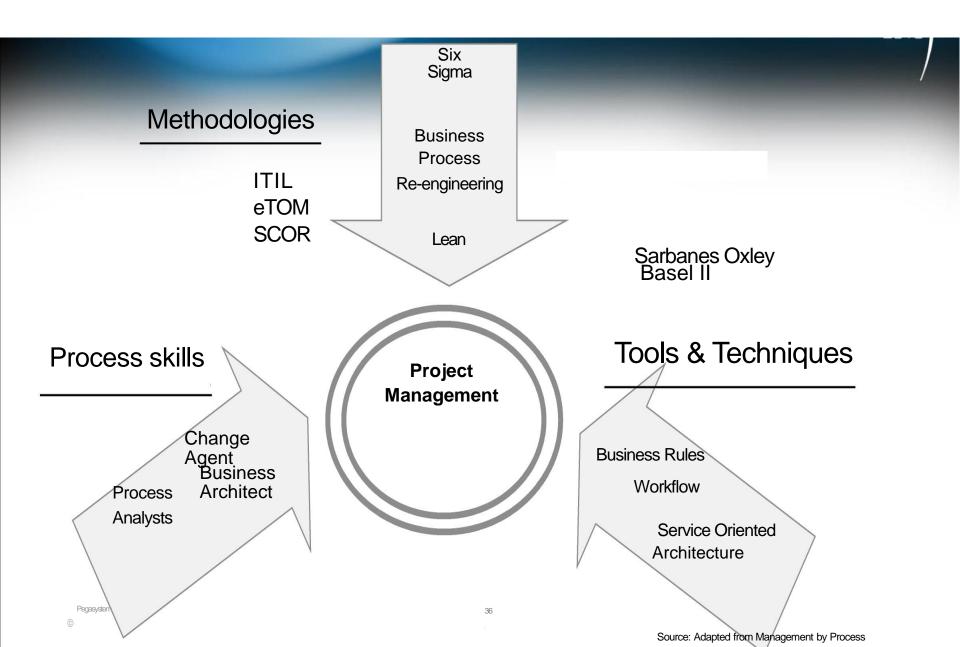
Many Factors Trigger Organizations To Launch Projects to Improve Process



Survey of 227 Enterprise and SMB IT Decision Makers

Enterprise And SMB Software Survey, North America And Europe, Q4 2009

Organizations attack Project Management from different angles



Lean & Digitize (L&D)*

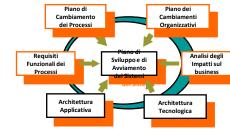


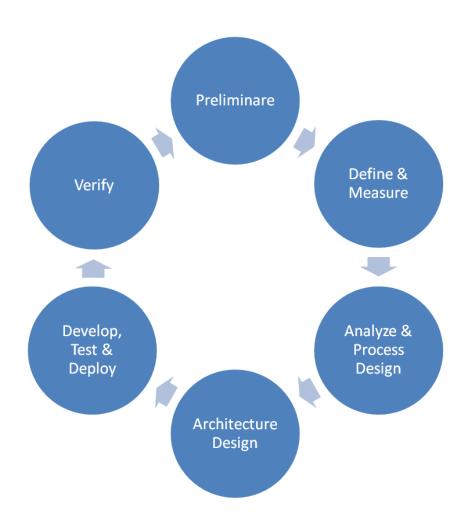


- L&D focuses on and integrated and continuous innovation and improvement of cross-functional end-to-end business processes
- First make the processes lean and then automate them
- BPM, Six Sigma and Lean and their tools can greatly accelerate and institutionalize L&D

L&D bridges the gap between business objectives and IT applications

Lean & Digitize Methodology





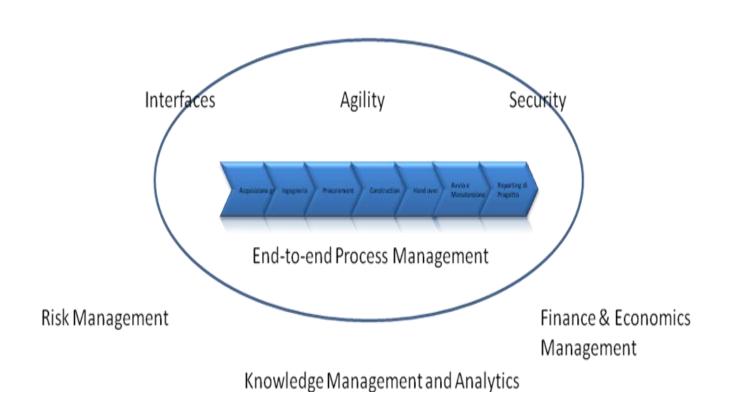
Lean & Digitize: An Integrated and Coherent Methodology

- Manages and optimizes organizational, physical and automation flows simultaneously;
- Uses information system and telecommunication networks as a lever for processes improvement and for project management; and
- Helps solve non-alignment problems between organization initiatives and ICT.

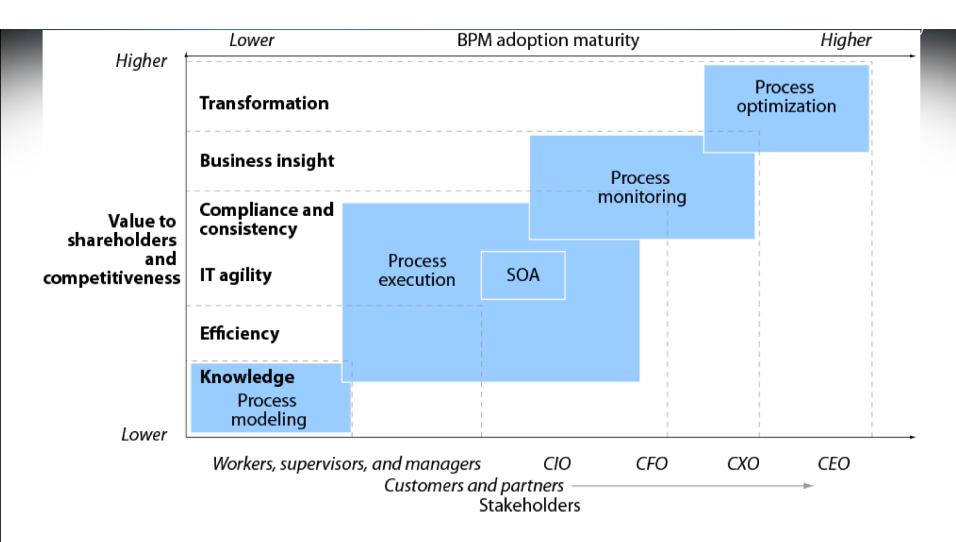
A Solution for the Following Problems

- Build effective, efficient and economical solutions in projects
- Measuring redundancy;
- Excessive time lost in the analysis and development phases;
- Impossibility of measuring and controlling improvements.

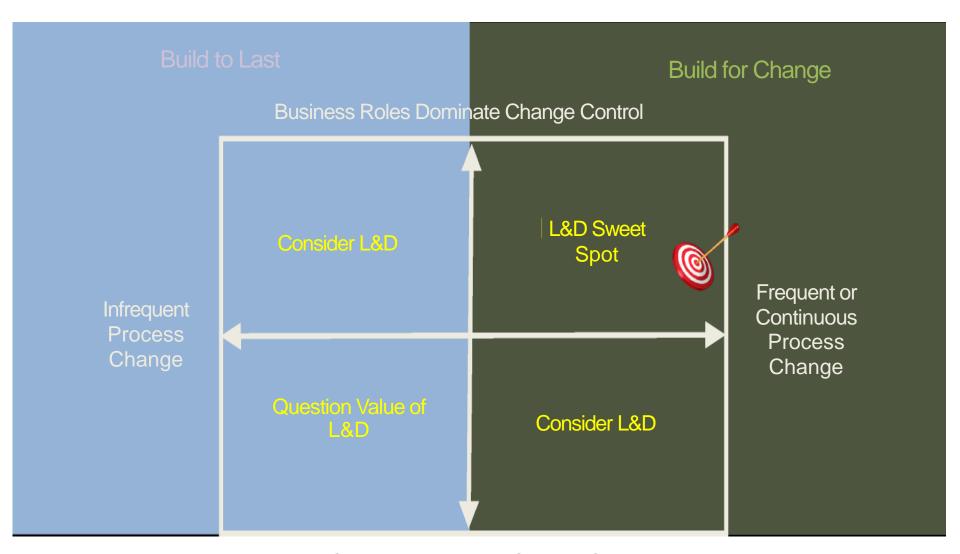
The Success Factors of a L&D Project Management



L&D has Many Facets



When Is L&D Most Appropriate?



ICT Roles Dominate Change Control

Conclusions

- Proposition 1: Unlike the manufacturing context, where Lean Six Sigma might require a reduction of automation, in managing a project for business process improvement a lean and digitize approach is essential;
- Proposition 2: In managing a project context, digitize a process not streamlined is counterproductive: it will lead to make errors faster.
- Corollary to proposition 2: In the project management context, it is important to take the sequence of implementation that provides firstly an accurate streamlining and quality improvement of the process by the elimination of any source of waste and then digitize.

L&D Helps Improve Profitability



^{*}Nicoletti, Servizi di logistica industriale attraverso il "lean and digitize", L'Impiantistica, 2009