Intersection of IT Governance and LEAN

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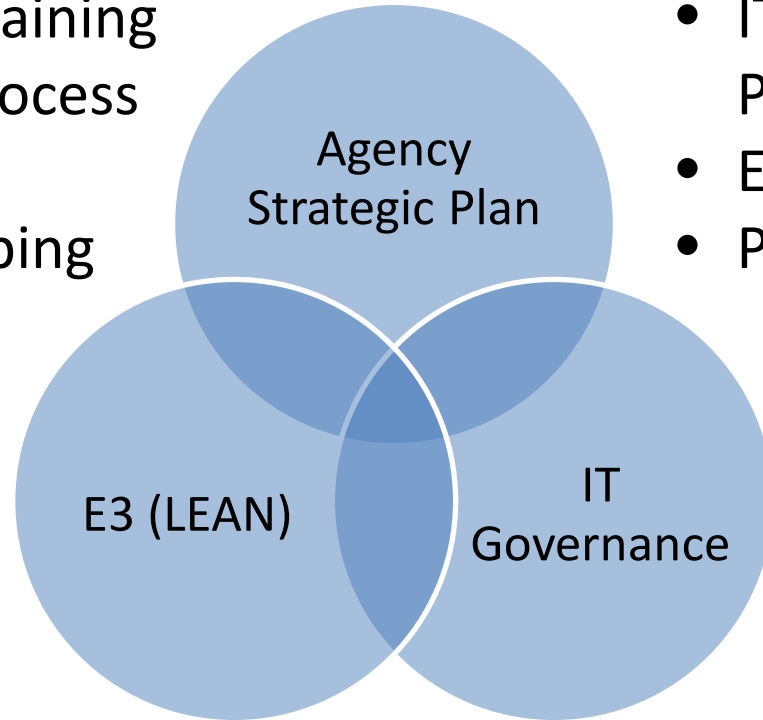**2015 Exchange Network National Meeting**
Supporting the Business of Environmental Protection

September 29–October 1, 2015
Sheraton Philadelphia Society Hill Hotel
Philadelphia, Pennsylvania

http://www.exchangenetwork.net/en2015
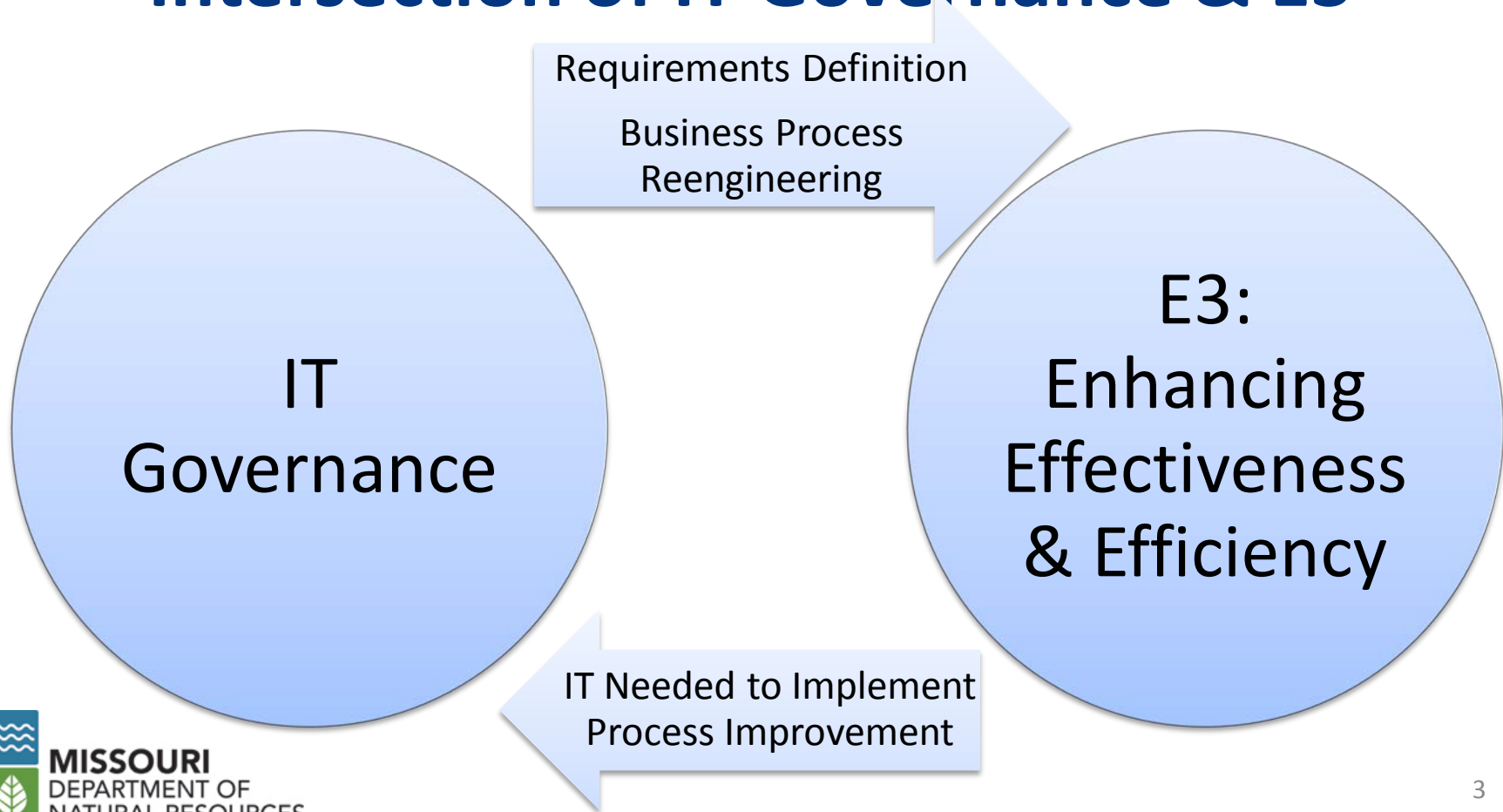
E3: Enhancing Effectiveness & Efficiency (LEAN)

- Multi-Disciplinary Team
- LEAN Awareness Training
- Project Proposal Process
- Idea Mining Events
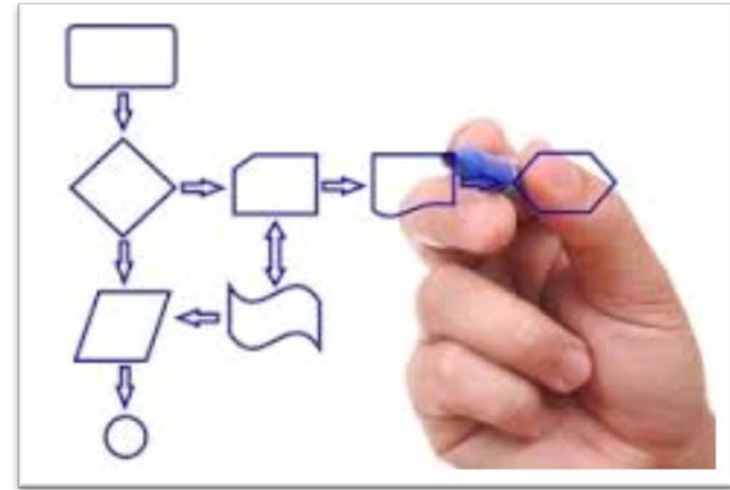- Value Stream Mapping
- Kaizen Events

IT Governance

- IT Governance Committee
- IT Project Proposal Process
- Evaluation
- Project Prioritization

Agency Strategic Plan

E3 (LEAN)

IT Governance

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Intersection of IT Governance & E3

IT Governance

Requirements Definition

Business Process Reengineering

E3: Enhancing Effectiveness & Efficiency

IT Needed to Implement Process Improvement

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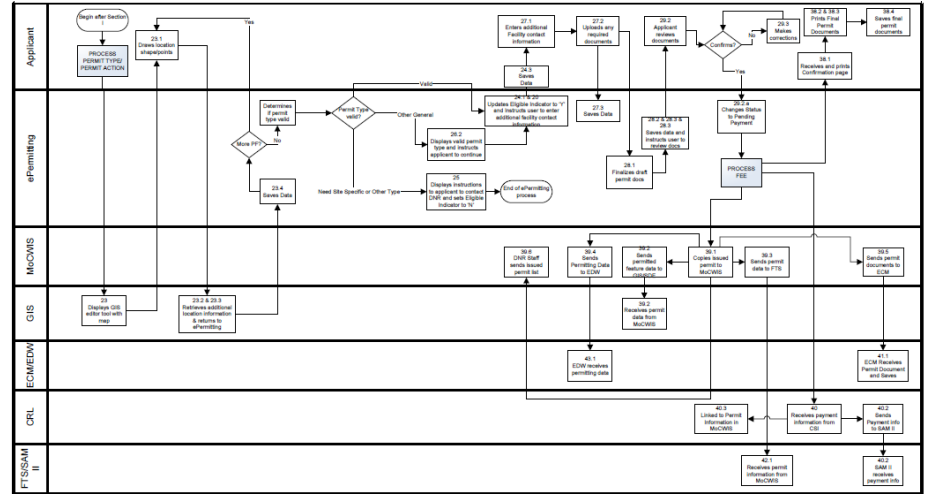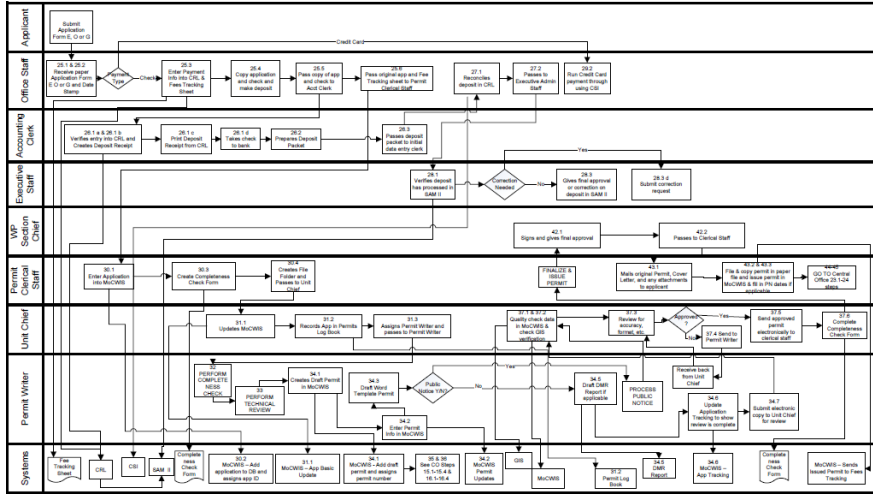DEPARTMENT OF
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IT Governance to E3: Example 1

- **Major Regulatory Program/Function**
  - 9 separate databases (8 access, 1 SQL)
  - Misc. Excel spreadsheets
  - IT request to "consolidate into an efficient, stable database with web-based data entry"
  - No documented business processes (as-is or future)
  - Referred to E3 for business process re-engineering

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Previous Process Mapping

Reduced # of Steps by 53%

Reduced Elapsed Time from 2 weeks to < 1 hour

E3 to IT Governance: Example 2

- **Grant/Loan Workflow & Tracking**
  - Legacy technology dictates business process
  - Need new IT tool/application
  - Kaizen Event (Jan. 2016)
  - New IT tool/application from improved business process

Summary

- **Key Points**
  - IT Governance & E3 work together, but both are stand-alone
  - Not all IT Projects Need E3

- **Challenges**
  - Potential Large influx of projects from IT to E3
  - E3 Capacity

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Thank You!

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