

Sharing Lessons-Learned and Best Practices for D&D Organizations



Roundtable / Dinner

Nuclear Energy Insider:
D&D Supply Chain Conference
Charlotte, NC

--November 1, 2012

Linton Consulting

Roundtable Participants



ONTARIOPOWER
GENERATION

Stoller

DEPARTMENT OF ENERGY
HANFORD

 Savannah River
NUCLEAR SOLUTIONS[™]
FLOOR DAMEL • NORTHROP CALDWAY • HONEYWELL



 **AECL**
EACL

 **U.S.NRC**
United States Nuclear Regulatory Commission

FIU Applied Research
Center
FLORIDA INTERNATIONAL UNIVERSITY

URS

AREVA  **Shaw**[®]

SRR Savannah River
Remediation

WCH
Washington
Closure
Hanford

 **CH2MHILL**
Plateau Remediation Company

Linton Consulting

Why Are We Here?



- ◆ Knowledge exchange
 - Mission
 - Current State
- ◆ Share insights / perspectives
 - Government
 - Vendors & Contractors
 - Operators / Licensees
 - Associations, consultants
- ◆ Discuss timely issues
 - Successes and failures
 - Lessons Learn
 - New Best Practices

Situation Analysis



- ◆ Lots of change – Public Sector / Governments
 - Departments of Energy
 - Departments of Defense
 - Budget pressures
 - Long term missions
 - Policy issues (stimulus, waste disposal, repository)
- ◆ Lots of change – Private Sector / Commercial Nuclear
 - Regulatory issues
 - Fukushima response – safety upgrades
 - Spent fuel, waste, repository
 - Some facilities facing shutdown and cleanup

Situation Analysis



- ◆ Budget, schedule, technical and safety challenges stimulating innovation
 - New methodologies
 - New techniques
 - New technologies
- ◆ Innovations should be shared
 - Lessons learned
 - Best practices
 - Benchmarking
 - Applying “best of the best”
 - Lean

Best Practice Sharing



- ◆ It is difficult to share best practices and innovations across stove-piped organizations and agencies
- ◆ Large government or utility organizations are generally not good at sharing practices
- ◆ Innovations in business process improvement can often take as much as 2 years to spread throughout an organization
- ◆ While IT systems and databases may be helpful, the most effective way is still face-to-face sharing
- ◆ This discussion is a starting point for sharing between us

Best Practice Sharing



- ◆ Government and business organizations from different cultures, functions, geographies and countries can learn much from each other by sharing insights
- ◆ Government organizations are actually quite interested to learn from the private sector
- ◆ Organizations and functional departments develop differing strengths depending on their challenges
- ◆ Knowing we can learn from one another's experience, let's begin!

Situation Analysis



- ◆ Private sector mechanisms for knowledge transfer
 - WANO
 - INPO
 - EPRI
 - NEI
 - NRC and other regulators
- ◆ Public sector has
 - DOE
 - DOD
 - Major contractors
 - Others?
- ◆ Trend: more private-public sector sharing?

Process



- ◆ Overall – what is best practice?
- ◆ Participant introductions
- ◆ Roles – Sharing Vs. Listening/Questioning
- ◆ Review a few recent challenges, successes or failures
- ◆ Share any lessons-learned
- ◆ Share any new / potential best practices
- ◆ Are you a learning organization and how have you formalized business process improvement?

Applying LEAN Practices



**“ I am convinced that the Owner
[Customer] has to drive it because the
contractor will not.”
-- Previous Roundtable Participant**

Linton Consulting

Insights for Industry and Government



Who Is Linton Consulting?



- ◆ A professional practice providing independent insights and advisory services to industry and government
- ◆ Focus: Energy, Power, Nuclear
- ◆ Business strategy, diversification, market development, trend analyses, scenarios and visioning
- ◆ Executive relationships and introductions
- ◆ Strategic View
 - Process develops high level insights on the future state
 - Ongoing analyses and executive interviews
- ◆ Services leading to sound business strategies, decisions, plans and implementation
- ◆ Partner with UxC, *Nuclear Energy Insider*, and InnovaNet

Linton Partner – InnovaNet

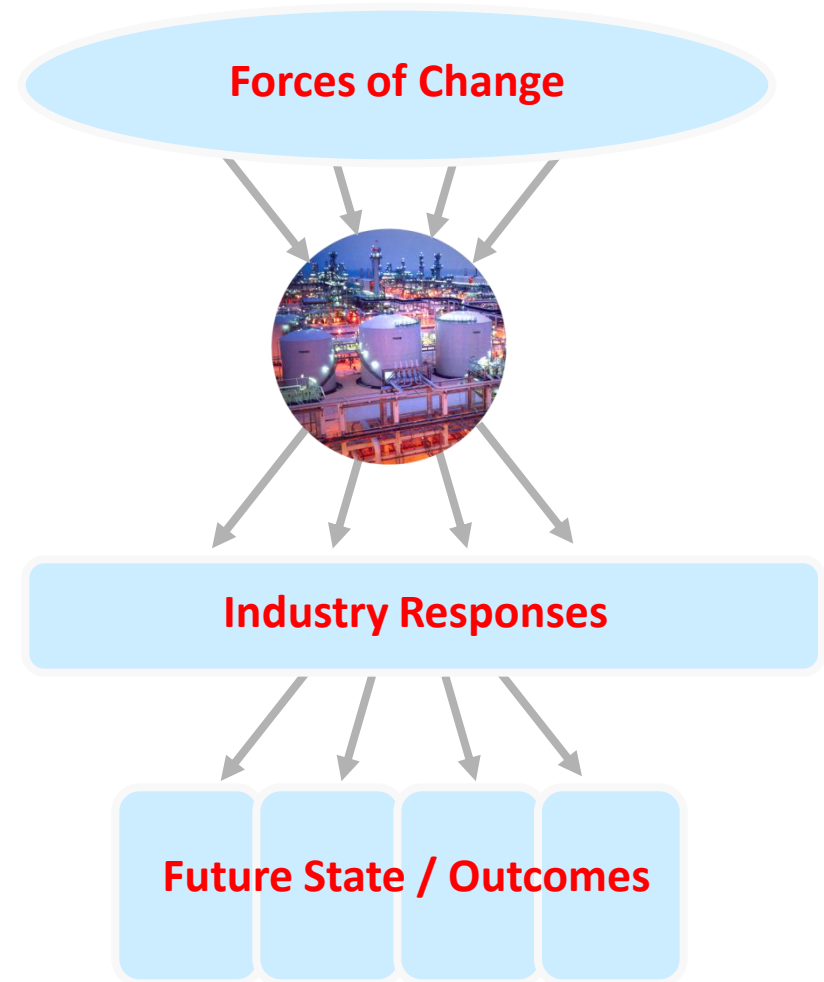


- ◆ Operations Improvement for government and industry
- ◆ Customer examples
 - Houston Metro
 - Oak Ridge National Labs
 - Hill Air Force Base
 - U.S. Mint
- ◆ Manufacturing
- ◆ Maintenance
- ◆ Construction
- ◆ Benchmarking, Best Practices, Process Improvement, LEAN
 - Help to accomplish more with less

What is *Strategic View*?



- ◆ Research model
 - Used 15 years; 5 in energy
 - Forces affecting the future of the energy industry
 - Industry responses
 - Where it is leading – the future state/outcomes
- ◆ Process
 - Interviews with executives and thought leaders
 - Research & analysis
 - Executive Roundtable
 - Follow up & plan integration



Executive Roundtables



◆ Common purpose

- Convene executives and thought leaders for knowledge exchange
- Expand understanding
- Share perspectives
- Confirm/challenge paradigms
- Advise leadership
- Uncover ideas and opportunities for your organization
- Explore Future – trends and challenges
- Establish practical, realistic path forward



Bill Linton, Principal Linton Consulting

Telephone: 864 901 5398

Email: Bill@LintonConsulting.com