

# ***The Innovative Depot: Knocking Down the Barriers to Success***

Ship Depot Maintenance

- Portsmouth Naval Shipyard
- Norfolk Naval Shipyard
- Puget Sound NSY & IMF
- Pearl Harbor NSY & IMF

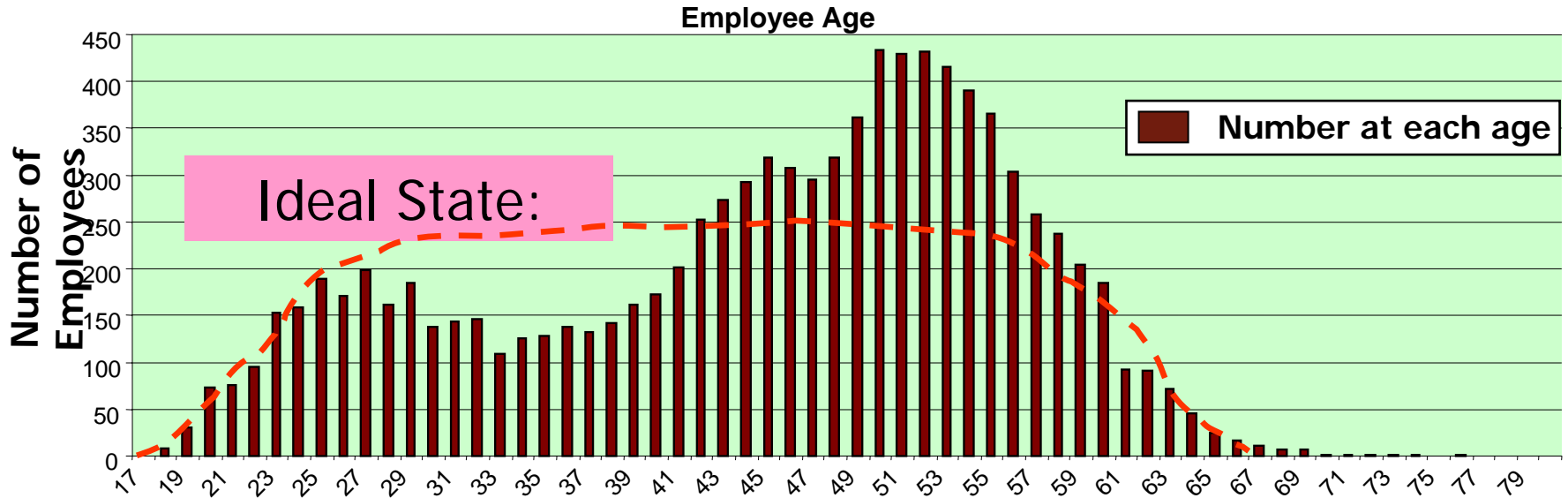
2006 DoD Maintenance Symposium

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# *The Innovative Depot: - DoN Initiatives -*

- I & D Integration
  - Consolidating Maintenance Infrastructure
- Mission Funding
  - Providing Flexibility of Resources
- Enterprise Construct
  - Aligning to Customer Priorities
- Lean Six Sigma
  - Increasing Process Understanding and Efficiency
- NSPS
  - Rewarding the Right Behavior
- NMCI
  - Facilitating Common Processes and Knowledge Sharing

# The Innovative Depot: - Transitional Workforce -



Current average work age = 44.6 years old

Total eligible to retire based on age = 2,007

## Revitalizing the Workforce

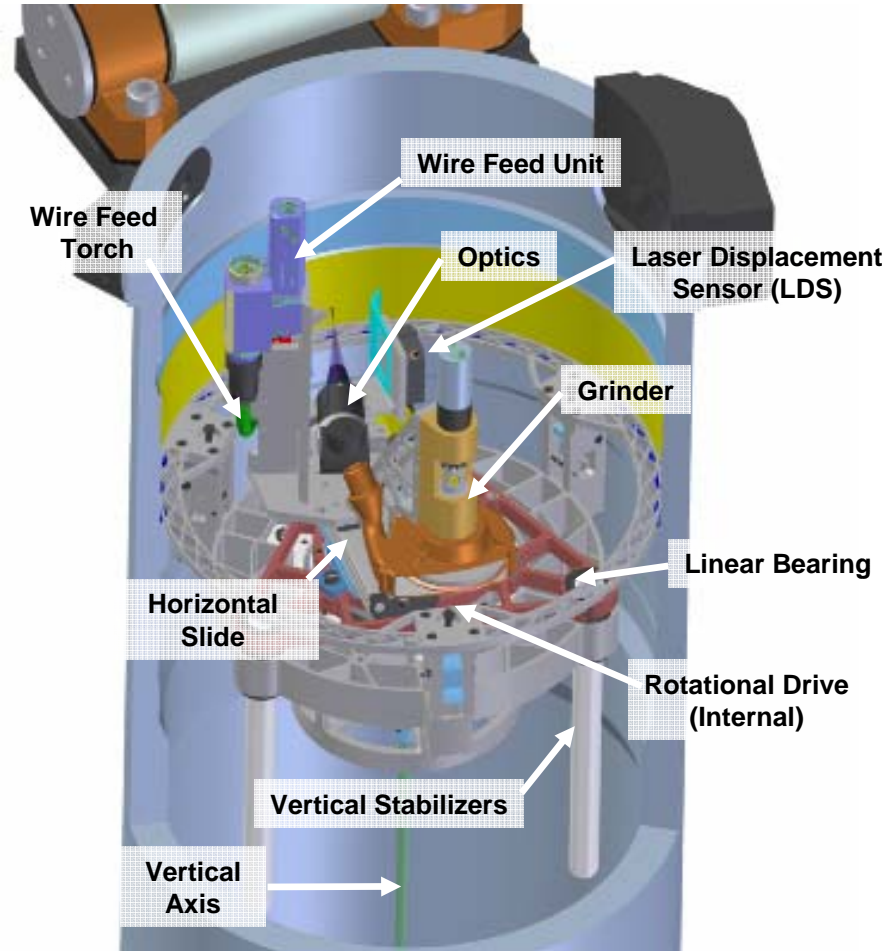
- Effective Use of Reservists
- Apprentices Program
- Common Definition of Skills
- Partnerships

# *The Innovative Depot: - Applying New Technology -*

## WORKING PROJECT: VLS Missile Tube Repair

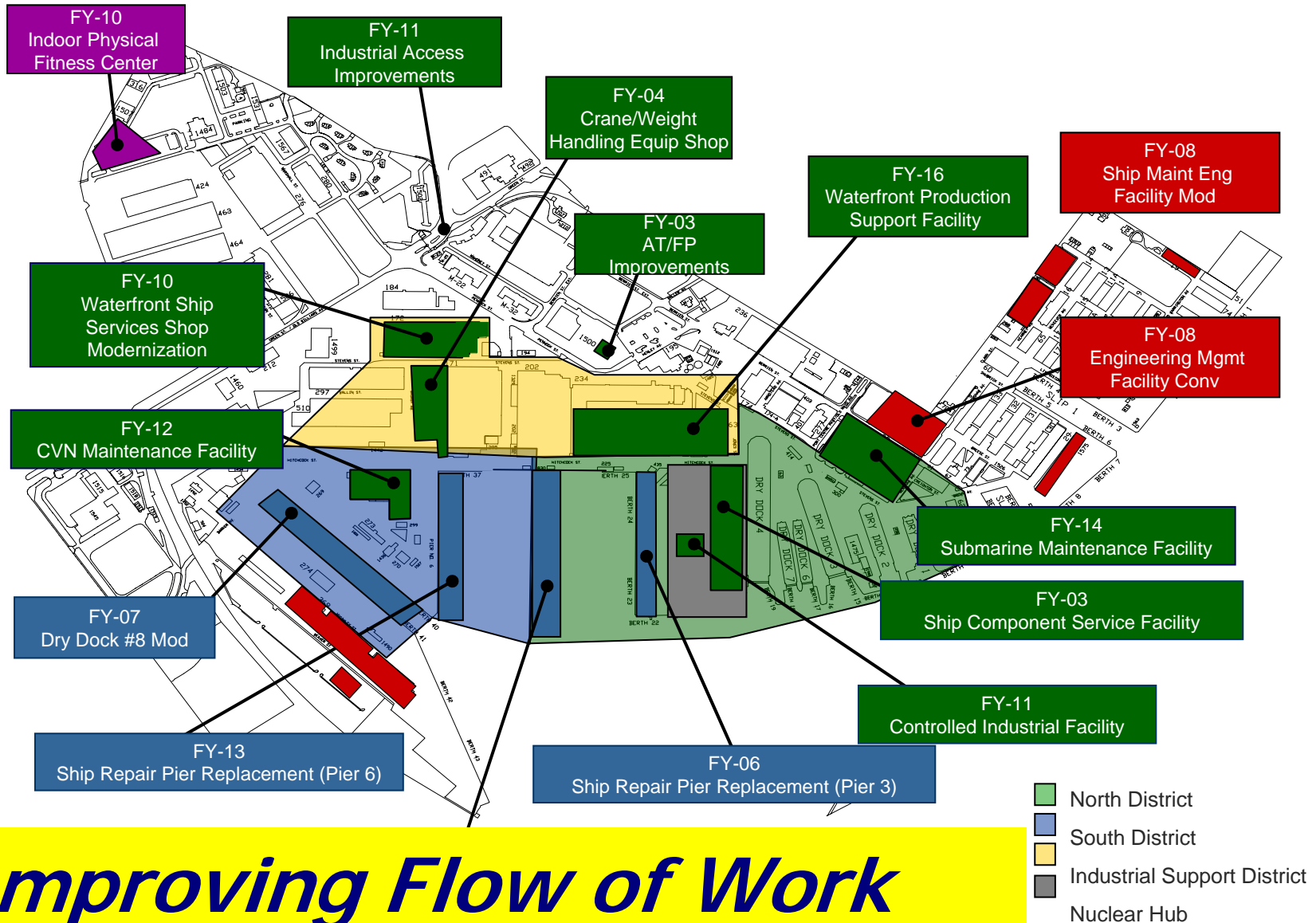
### Approach

- Develop suitable laser clad repair process
- Evaluate corrosion resistant alloys
- Design and build advanced automated tool for *in-situ* repair
- Obtain required approvals
- Implement repair process at Pearl Harbor



***Better Reliability, Better Maintenance,  
Better Throughput***

# The Innovative Depot: - Military Construction -



## Improving Flow of Work

# The Innovative Depot: - Industry Collaboration -

## National Shipbuilding Research Program (NSRP)



Sponsored by the National Shipbuilding Research Program

## Lean Shipbuilding Initiative



# PARTNERSHIPS