



**Joint Service  
Solvent Substitution  
Working Group**

# ***Greening Cleaning: Getting Science to the Shop***



***TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.***

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# Report Documentation Page

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# Implementing Alternatives

## Targeted Processes

- Aircraft Maintenance
- Ship Maintenance
- Facility Maintenance
- Etc.

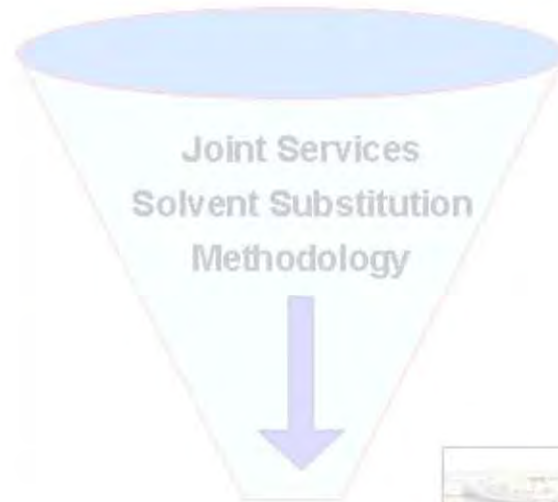
## Candidate Solutions

- Aqueous Solvents
- Biobased Solvents
- Ozone
- Etc.

**Requirement**

## Partners

- NAVSEA
- NAVAIR
- Marine Corps
- Army
- Air Force
- NASA



- ← Screening Methodology
- ← Test Protocol
- ← Lab Testing
- ← Field Testing
- ← Process Approval
- ← Update Manuals
- ← User Awareness
- ← Implementation Support



Processes not requiring extra record keeping & control measures

# ***Basic Concepts***

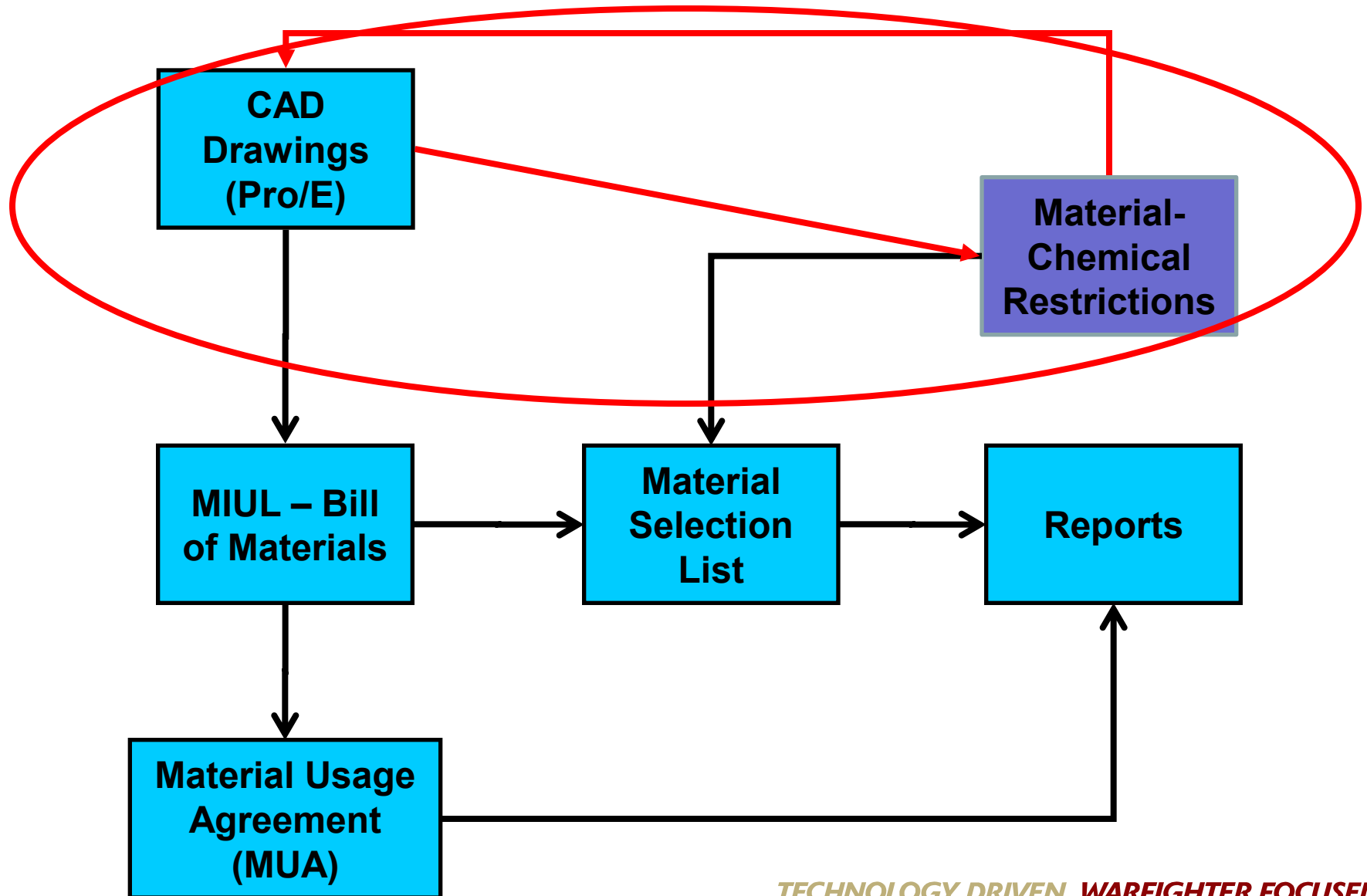
A person wearing a green uniform and a cap is shown from the side, leaning over a large, dark metal sink. They are using a high-pressure water spray wand to clean the sink. The background is bright and slightly blurred, suggesting an outdoor or well-lit industrial setting.

- **All cleaning applications are not equivalent**
- **Define the cleaning process**
- **Regulations continue to evolve**
- **Focus on capability and cost**

# ***Keys to Success***

- **Define performance**
- **Pursue the possible**
- **Focus on implementation**
- **Engage the user & understand their perspective**
- **Grow champions**

# ***Influence Materials Selection***



# ***Provide Document Control***

**PERFORMANCE SPECIFICATION**

**CLEANER, GENERAL, FOR MILITARY  
SYSTEMS, LOW OR EXEMPT VOC, HAP-  
FREE**





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Communication  
Collaboration  
Coordination



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# ***JS3 Tools***

- **Methodology**
- **Information Exchanges**
- **Project Coordination**
- **Project Database**

# ***Summary***

- **Look forward**
- **Focus on capability & cost**
- **Be realistic**
- **Know your “customer”**
- **Put information in the right hands**