



# Army Aviation and Missile Command (AMCOM) Corrosion Program Update

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Corrosion Program Manager



## Report Documentation Page

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# AMCOM Corrosion Program Update

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## ■ FOCUS

- ACQUISITION
- SUSTAINMENT
- Research & Development



# AMCOM Corrosion Program Update

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## ▪ **FOCUS**

### – **ACQUISITION**

- **CPC Plans**
- **Corrosion Prevention Action Teams (CPAT)**
- **Design For CPC Based Upon Lessons Learned**
- **Implement New Technologies (APA / OPA Funding)**



# AMCOM Corrosion Program Update

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## ▪ FOCUS

### – SUSTAINMENT

- Corrosion Maintenance / Procedures (TM, SOP, etc.)
- CPC Training
- CPC Sustainment Technology (Corrosion Repair Kits, DH, CPC's, Covers, etc.)
- Dem / Val of Emerging CPC Technologies



# AMCOM Corrosion Program Update

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## ▪ FOCUS

### – RESEARCH & DEVELOPMENT

- Development of New Technologies
- Dem / Val of New Technologies
- Data Collection / Analyses to Understand Issues and Focus R&D

*Examples – Sensors Detergents, Soil/Water Analyses, Environmental Effects*



# AMCOM Corrosion Program Update

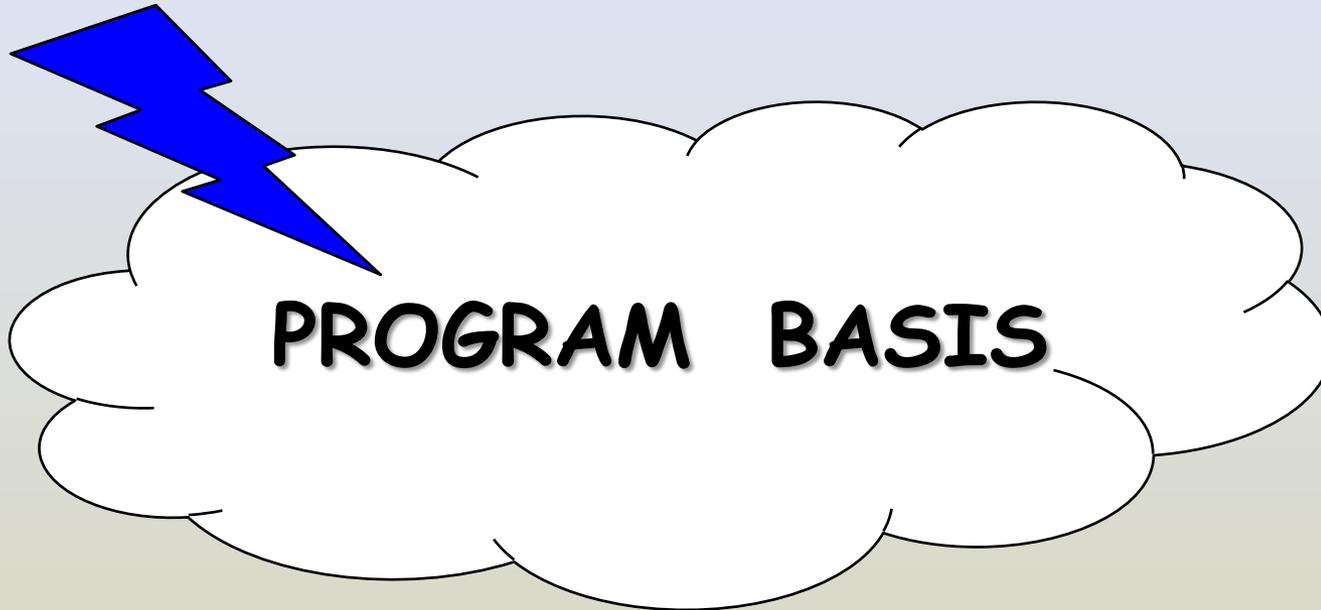
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**PROGRAM BASIS**



# AMCOM Corrosion Program Update

**Corrosion  
Maintenance  
Cost**

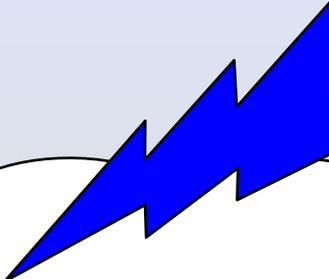


**\$ 1.6 Billion Annual Corrosion Maintenance Cost**



# AMCOM Corrosion Program Update

**SAFETY**



**PROGRAM BASIS**

**50 Aircraft Mishaps  
13 Serious Injuries  
9 Deaths**



# AMCOM Corrosion Program Update

**Non-Mission Capable  
Awaiting New Part to Replace Corroded Non-Functional Part**

**PROGRAM BASIS**

**Readiness**



# AMCOM Corrosion Program Update

**DFARs**

**DOD 5000.67**

**DOD/Army Corrosion Prevention Strategy**

**Army Reg 750-59**

**PROGRAM BASIS**

**Legislative**



# AMCOM Corrosion Program Update

**Corrosion  
Maintenance  
Cost**

**SAFETY**

**PROGRAM BASIS**

**Legislative**

**Readiness**



# AMCOM Corrosion Program Update

## Demonstration / Validation Projects





# AMCOM Corrosion Program Update

## Demonstration / Validation Projects





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## Demonstration / Validation Projects





# AMCOM Corrosion Program Update

**Personnel Briefed  
FY 2008**

**135 Units**

**Over 3100  
Personnel**







# AMCOM Corrosion Program Update

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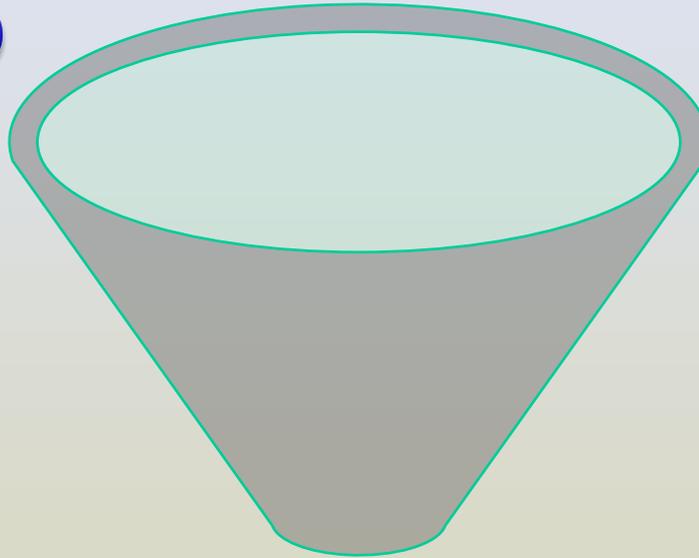
- **NEW! Corrosion Monitor Class**
  - 27-29 January
  - 17-19 March
  - 19-21 May
- **Quarterly Newsletter**
- **Website** ([www.corrweb.org](http://www.corrweb.org))
  - Technical Requests
  - Checklists
  - Newsletter Archive
- **Expanded Audience**
  - AMCOM Logistics Assistant Representative School (LAR-U)
  - 151A (“Walking Warrant”) Course at Ft Eustis
  - Aviation Maintenance Managers’ Course (AMMC) at Ft Rucker



# AMCOM Corrosion Program Update

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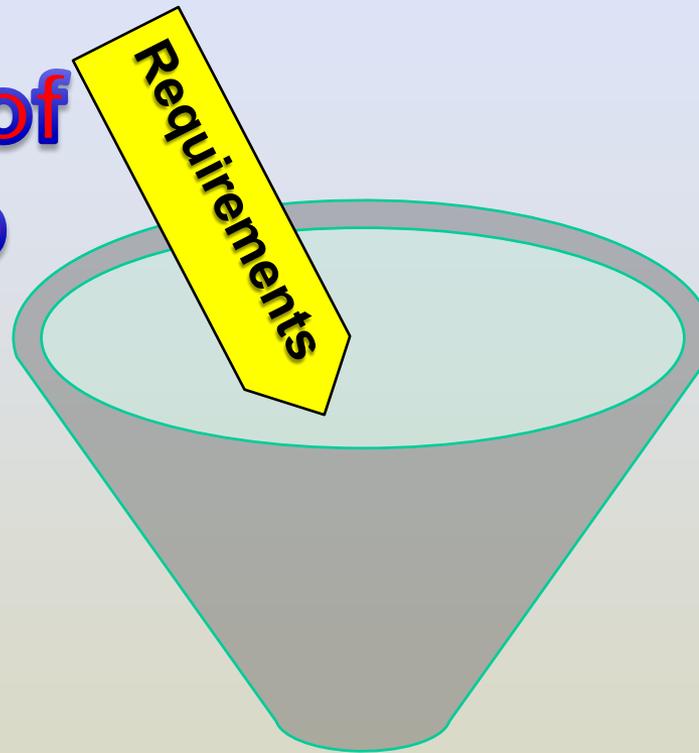
## Challenges of Standing-Up a Program





# AMCOM Corrosion Program Update

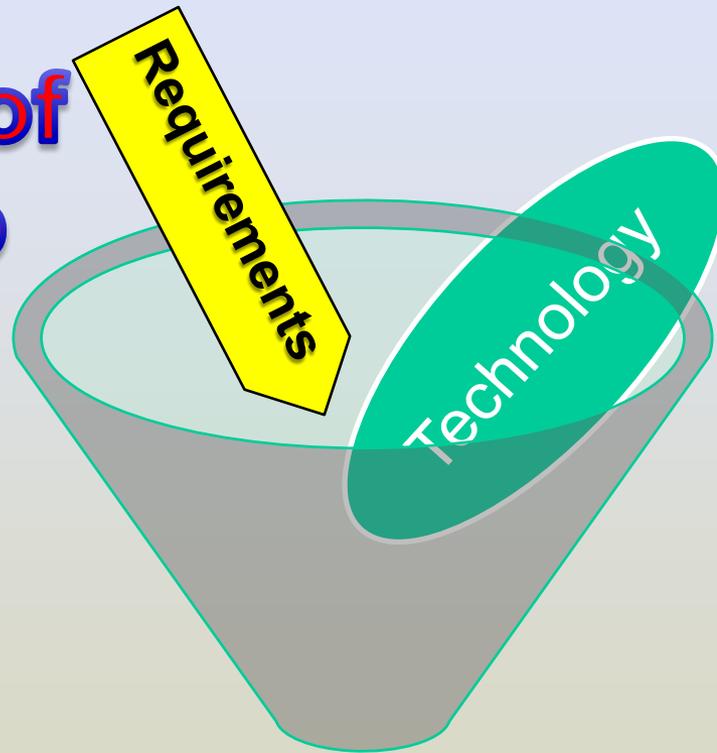
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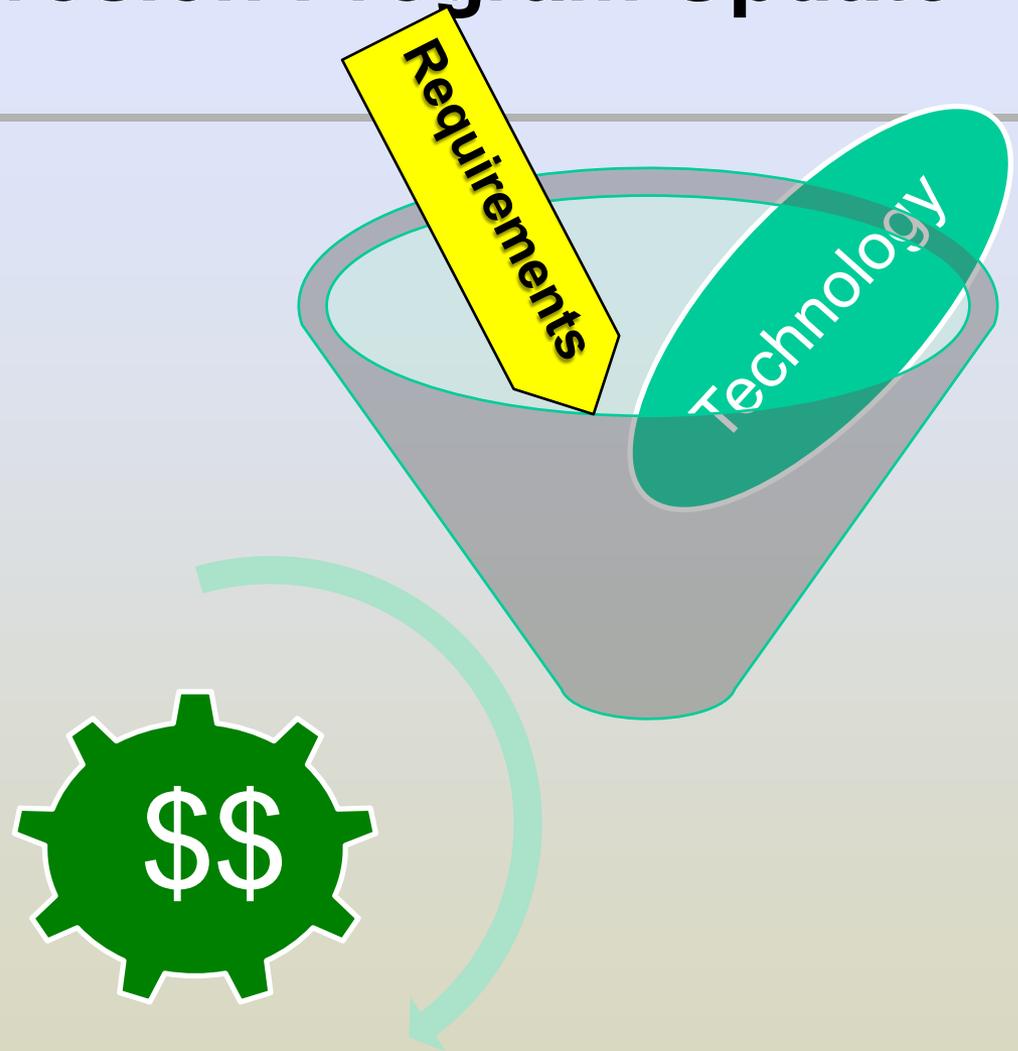
## Challenges of Standing-Up a Program





# AMCOM Corrosion Program Update

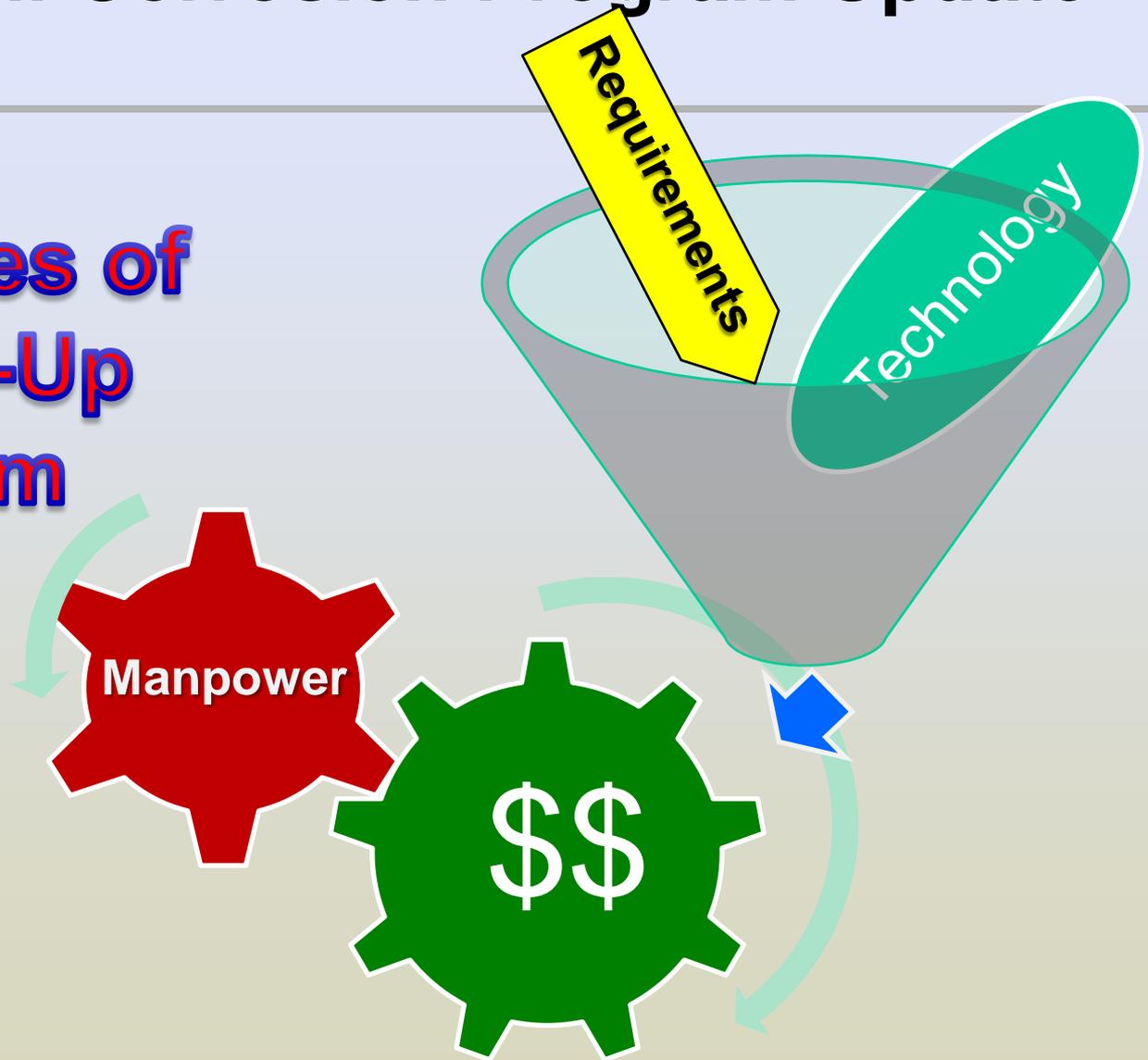
## Challenges of Standing-Up a Program





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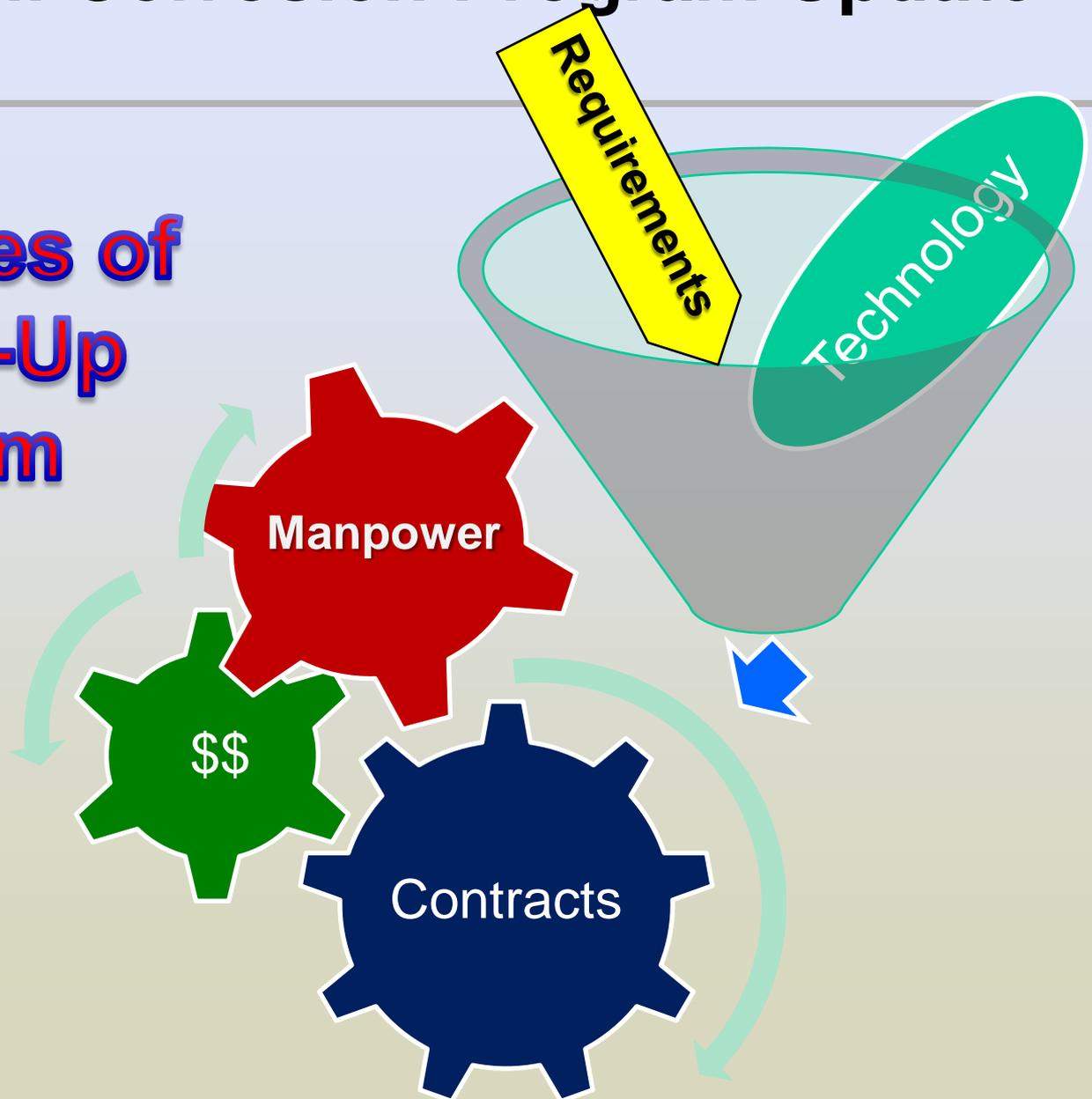
## Challenges of Standing-Up a Program





# AMCOM Corrosion Program Update

## Challenges of Standing-Up a Program

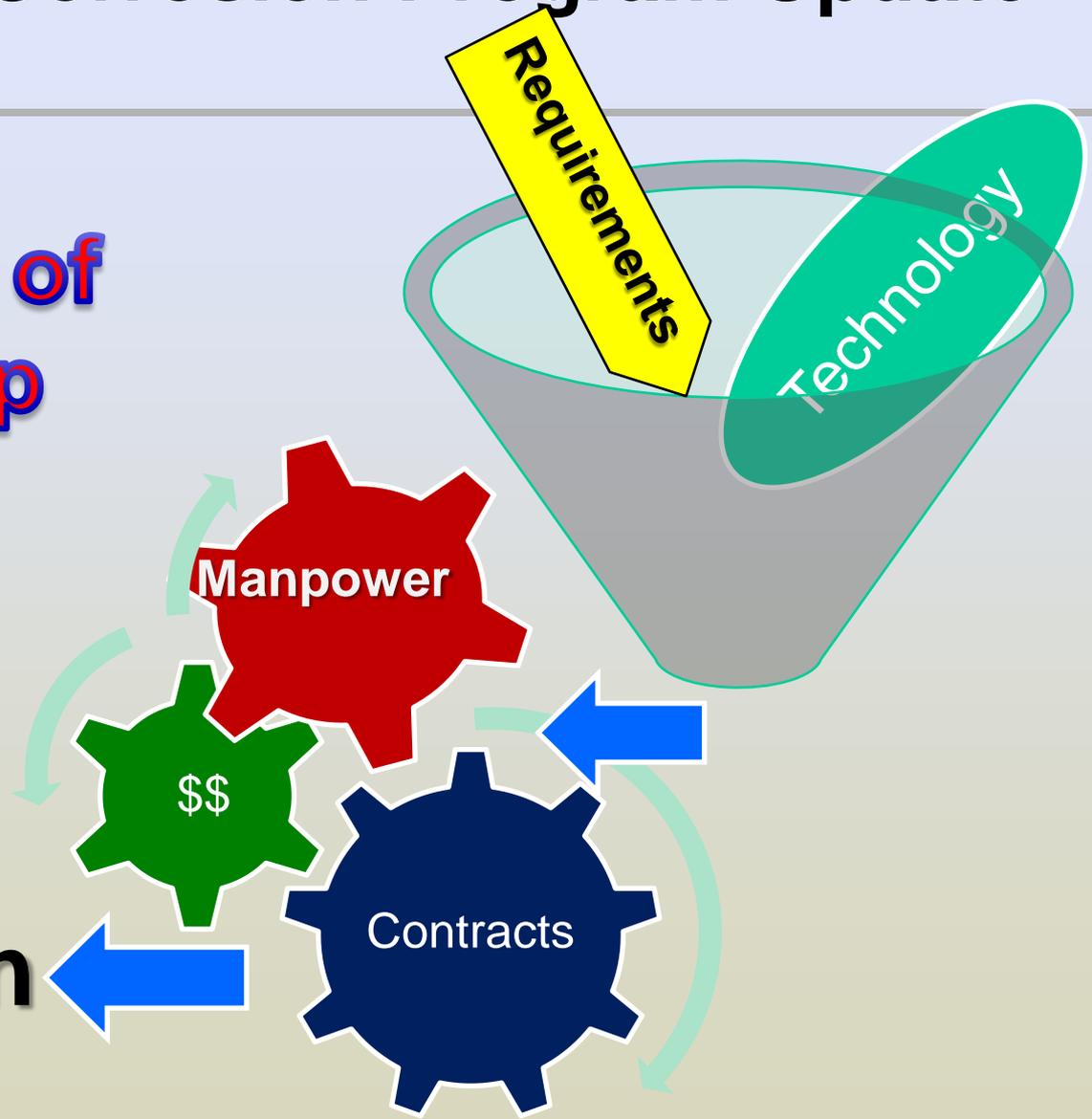




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## Challenges of Standing-Up a Program

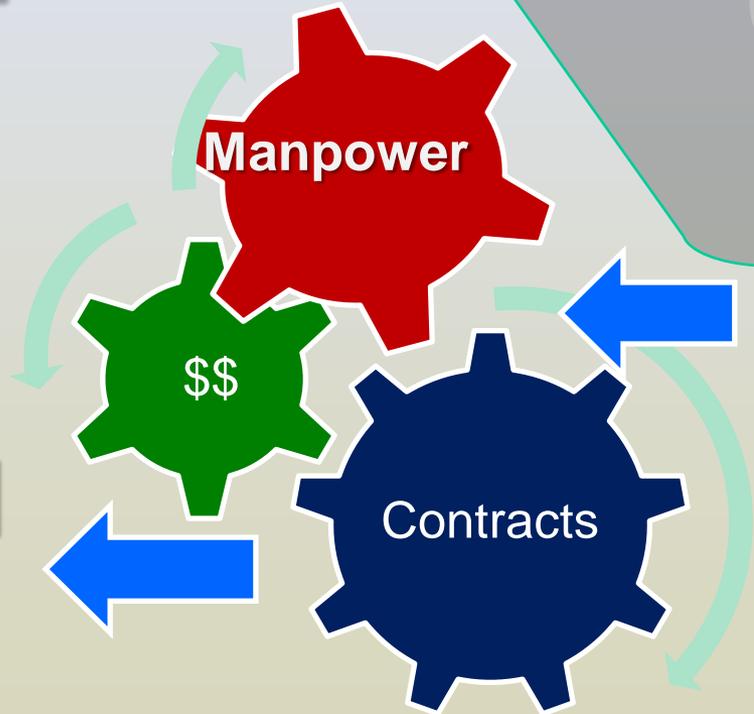
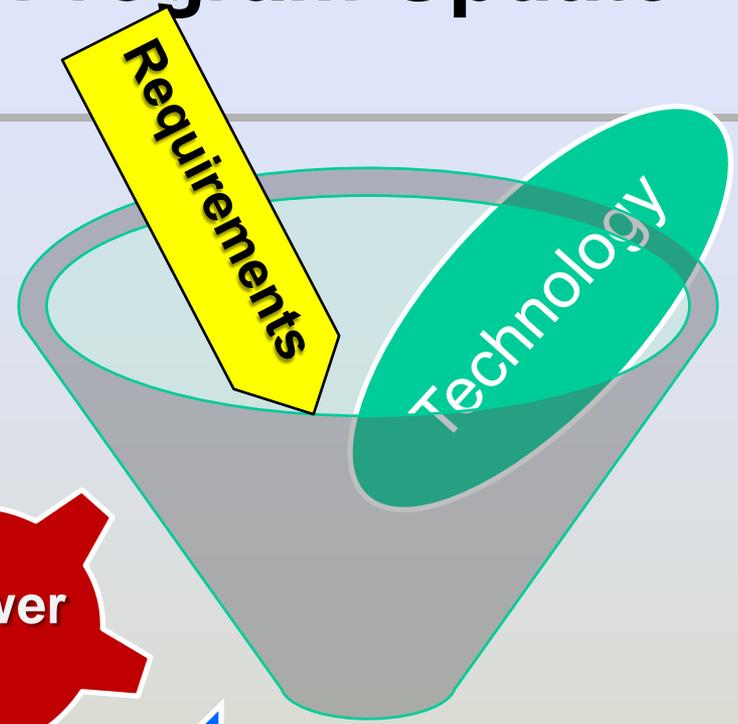
**Project Plan**





# AMCOM Corrosion Program Update

## Challenges of Standing-Up a Program



Project Plan

**Weapon PM Support**

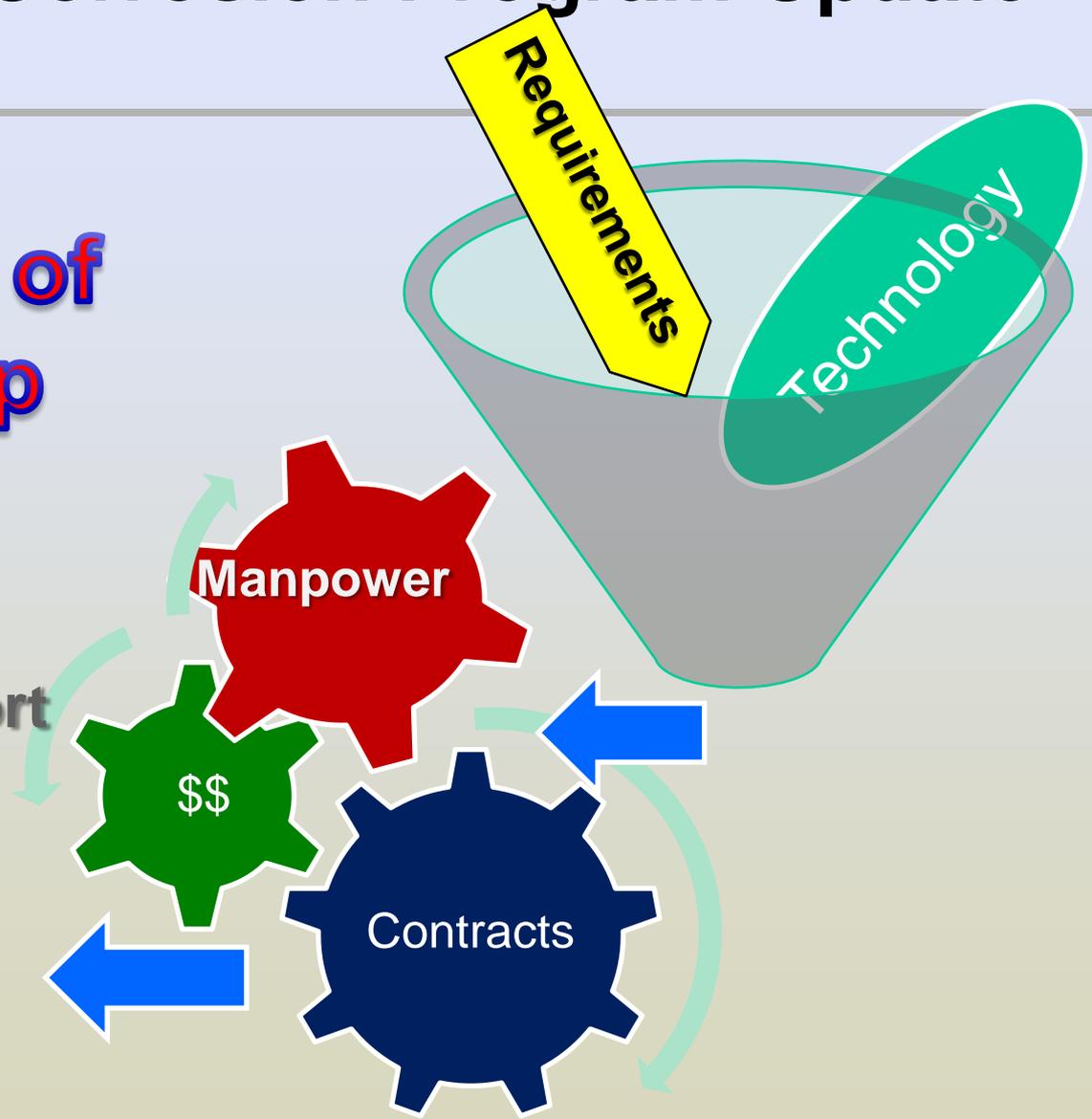


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## Challenges of Standing-Up a Program

Project Plan  
Weapon PM Support

**Dem/Val  
Contract**



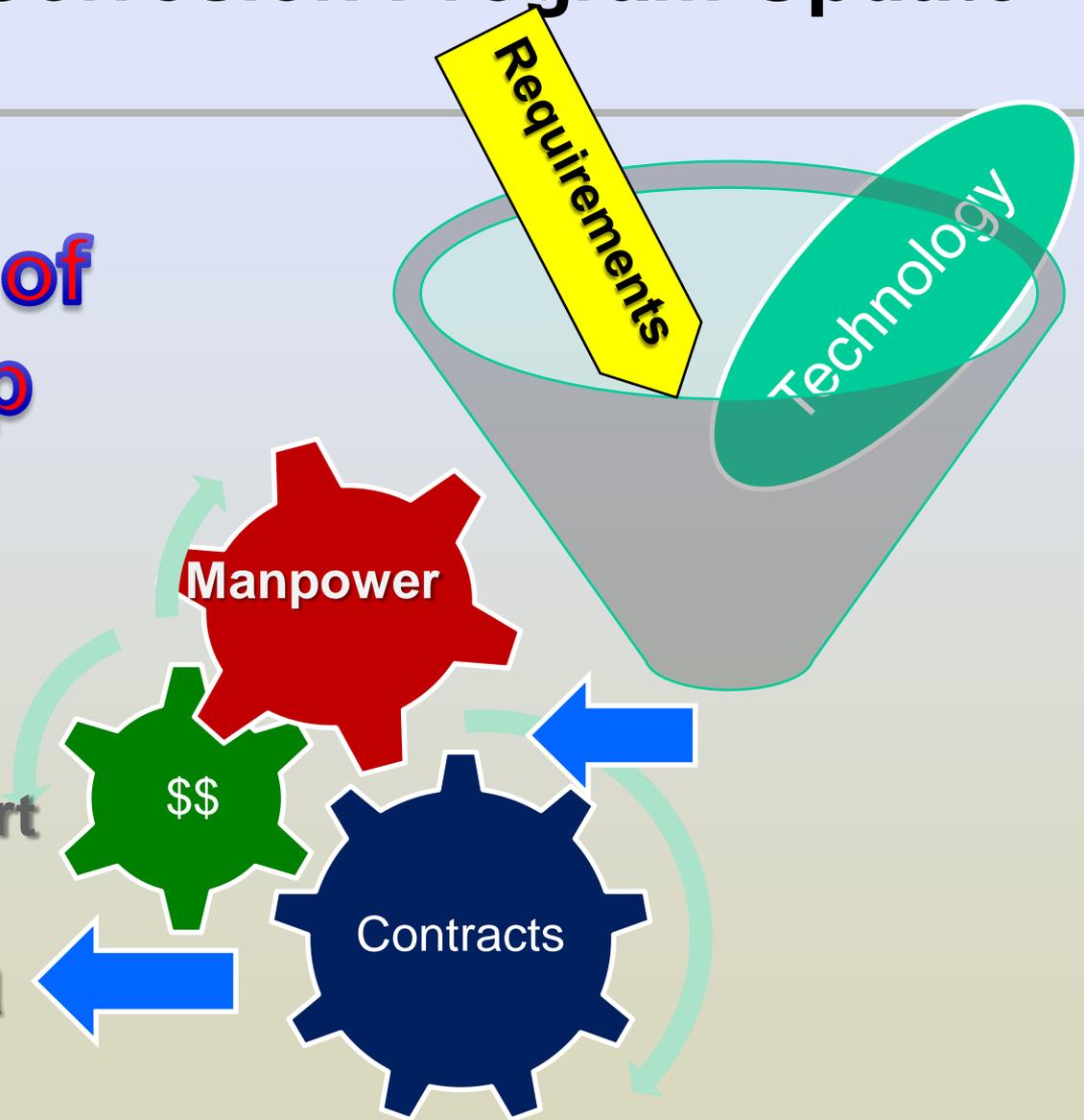


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Project Plan  
Dem/Val Contract  
Weapon PM Support

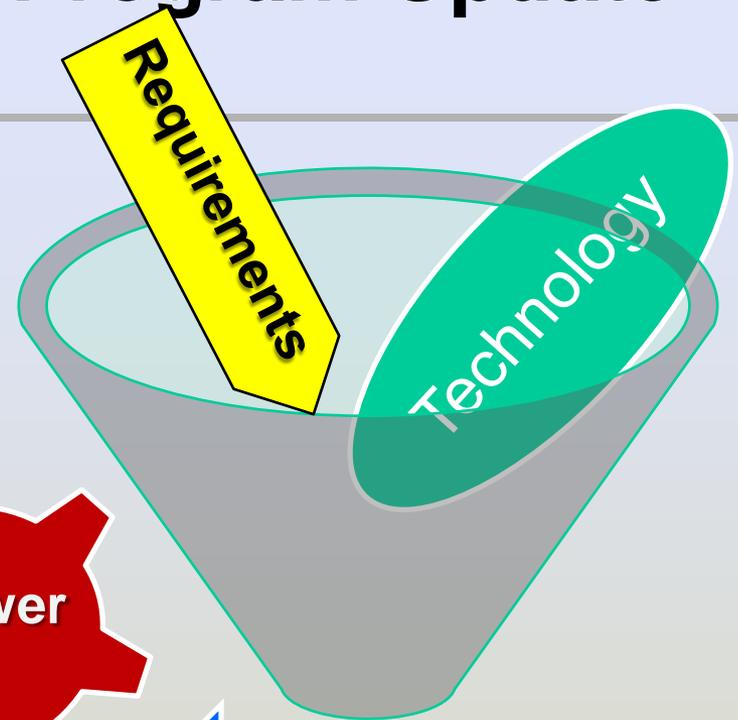
**Gather Data**





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## Challenges of Standing-Up a Program



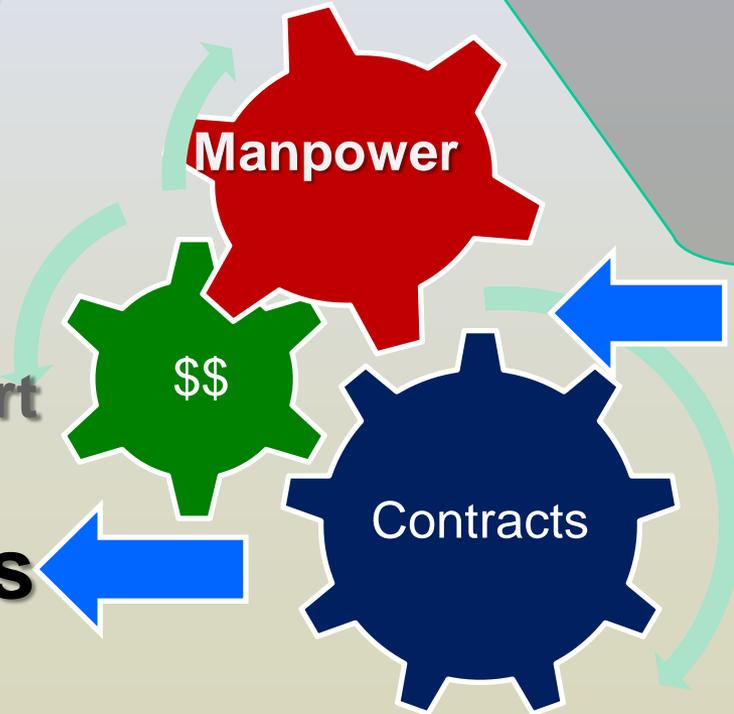
Project Plan

Dem/Val Contract

Weapon PM Support

Gather Data

**Establish Metrics**

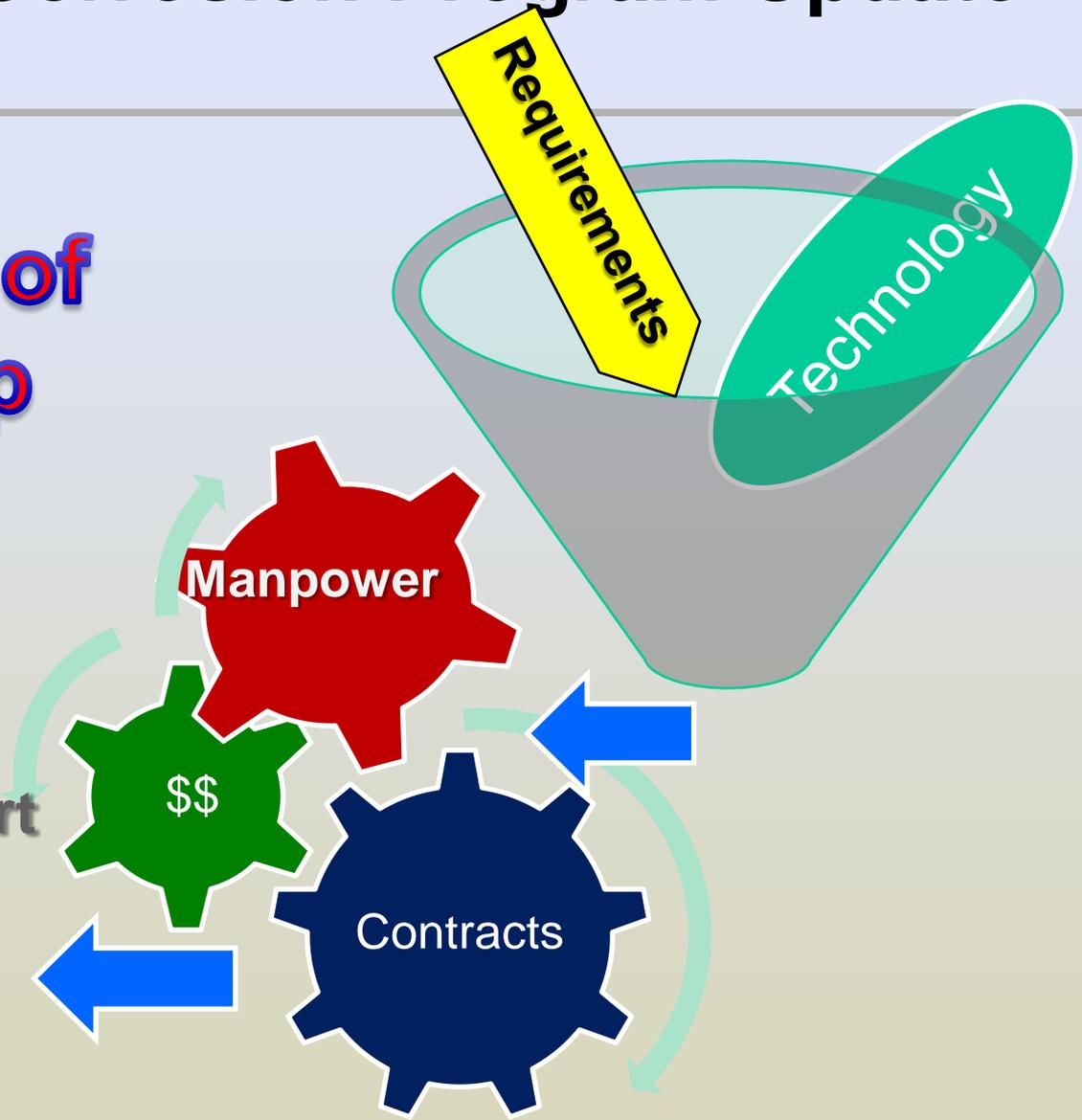




# AMCOM Corrosion Program Update

## Challenges of Standing-Up a Program

- Project Plan
- Dem/Val Contract
- Weapon PM Support
- Gather Data
- Establish Metrics
- Implement**

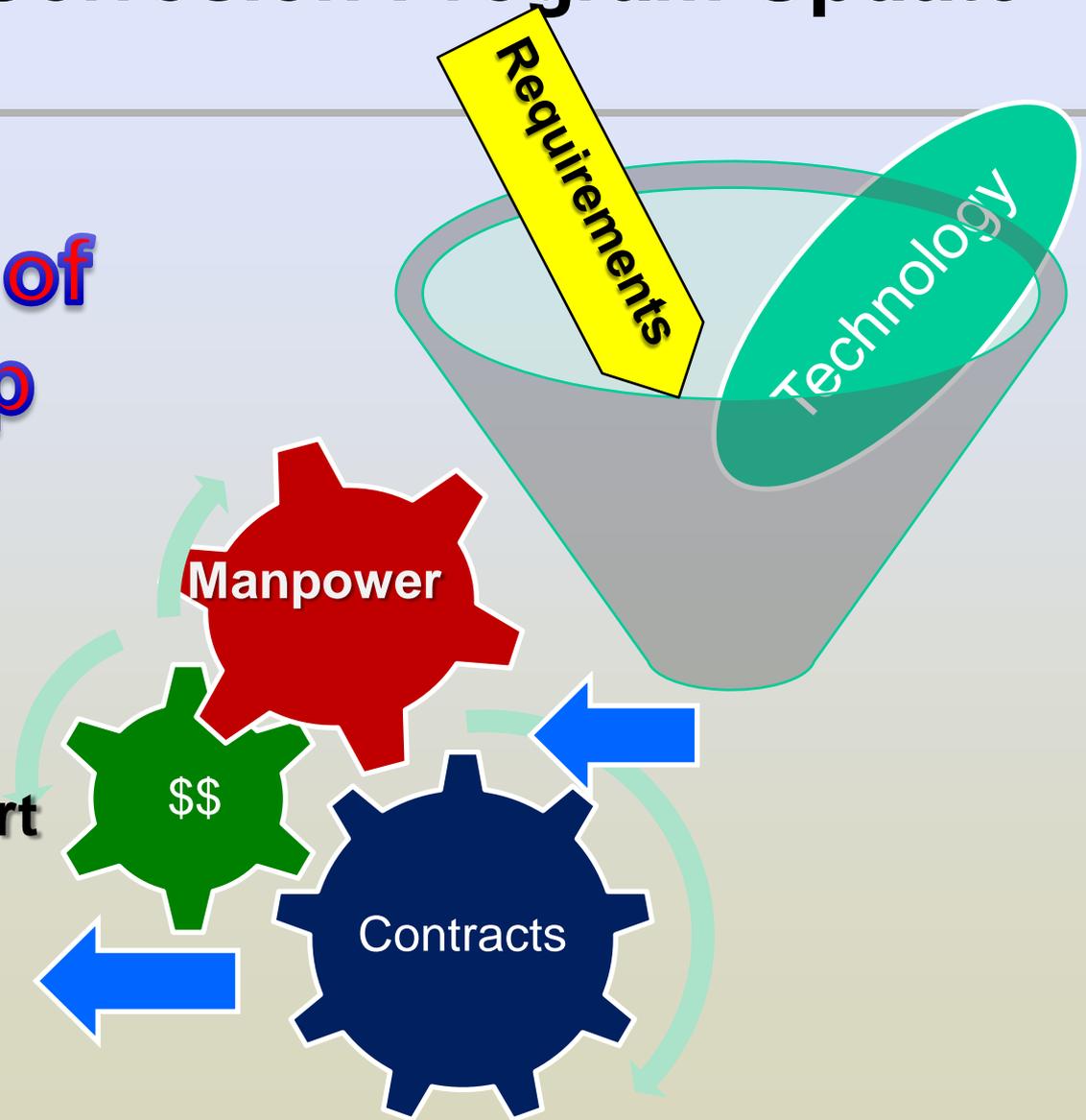




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## Challenges of Standing-Up a Program

- Project Plan
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- Gather Data
- Establish Metrics
- Implement





# AMCOM Corrosion Program Update

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# QUESTIONS

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