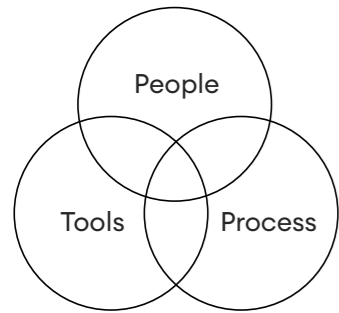


# EAM Maturity Model

**OPERATIONAL**  
Maintain and fix

**TACTICAL**  
Improve

**STRATEGIC**  
Total lifecycle costing



## Required skills

- Computational thinking
- Persuasiveness
- Vision
- Analytical
- Ownership
- Plan and organize
- Multidisciplinary
- Creativity
- Technical knowledge

## Maintenance types

- Corrective
- Preventive
- Predictive

## STAGE 1



### Reactive

- Run to failure
- Common sense

## STAGE 2



### In control

- Asset structure
- Corrective maintenance
- Preventive maintenance
- Mobile
- Item management and BOM
- Cost registration
- Autonomous maintenance (TPM)
- Shift Handover
- Permits to Work
- EHS incidents

## STAGE 3



### Proactive

- KPIs
- Knowledge assurance
- Stock management
- Purchasing
- Cost control and budget registration
- Scheduling
- Failure analysis
- Root cause analysis
- Asset availability
- Condition-based maintenance
- OT/IoT integration
- Lockout/Tagout
- Task Risk Assessment

## STAGE 4



### Smart

- Maintainability
- Reliability-centered maintenance
- Predictive maintenance
- Continuous improvement
- BI reports
- Risk-based maintenance
- APM integration
- ERP integration
- Management of Change

## STAGE 5



### Ultimate

- Asset life cycle
- Certification
- Business analytics
- Sustainability
- Financial optimization
- Long term asset planning

- Characteristics
- Maintenance
- Operations
- HSE

Structure > Safety > More HOTT > Less unplanned costs > More uptime > Reliability > Efficiency > Alignment & integration