

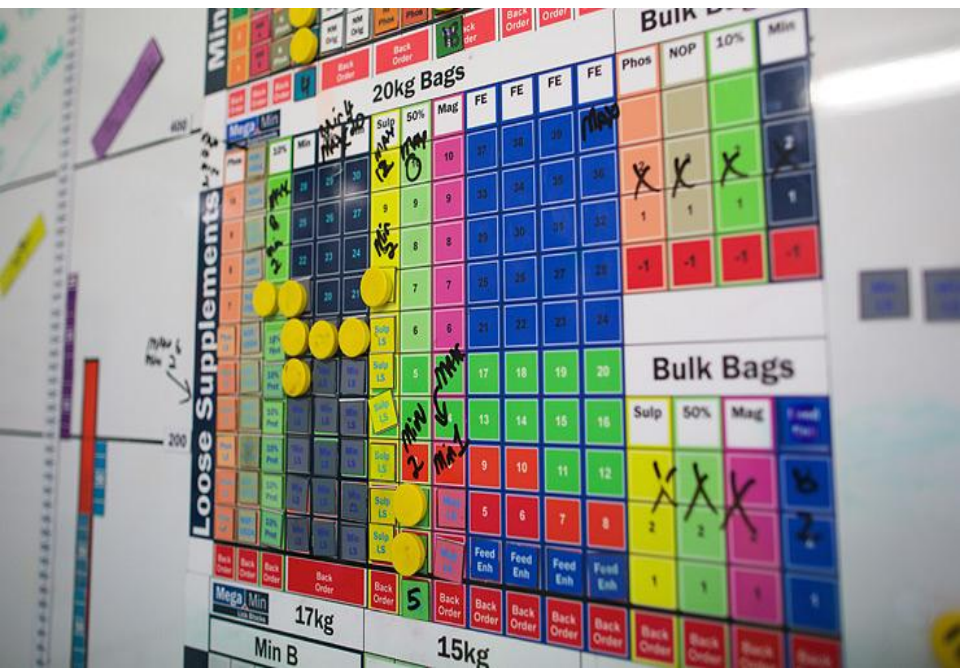
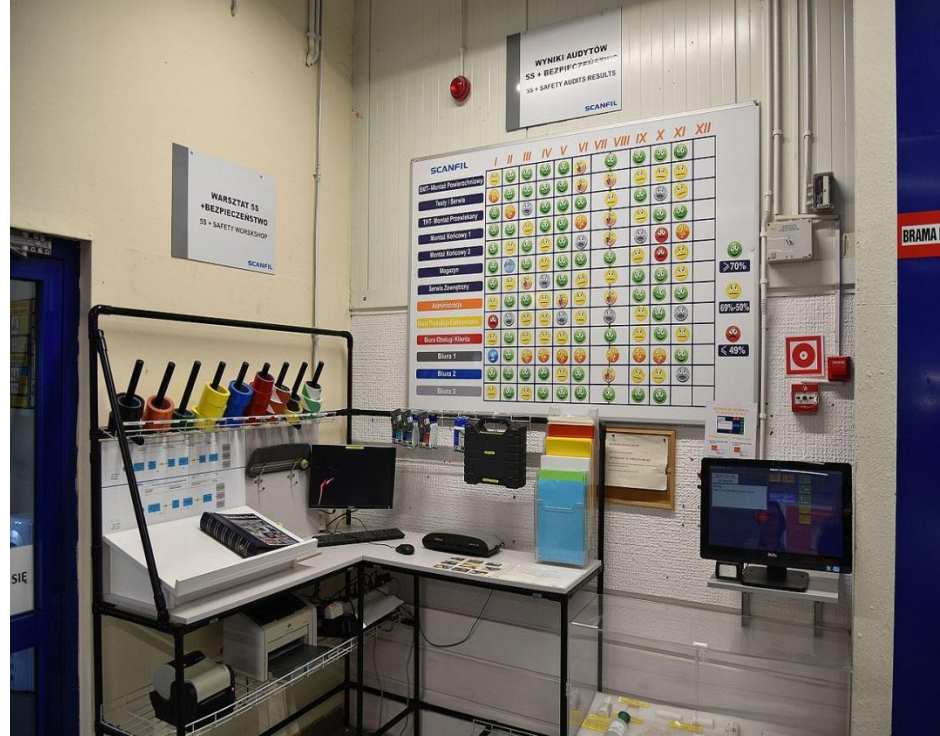
# SUPPLY CHAIN MANAGEMENT

## WAREHOUSE WORKFORCE DESIGN AND DEVELOPMENT











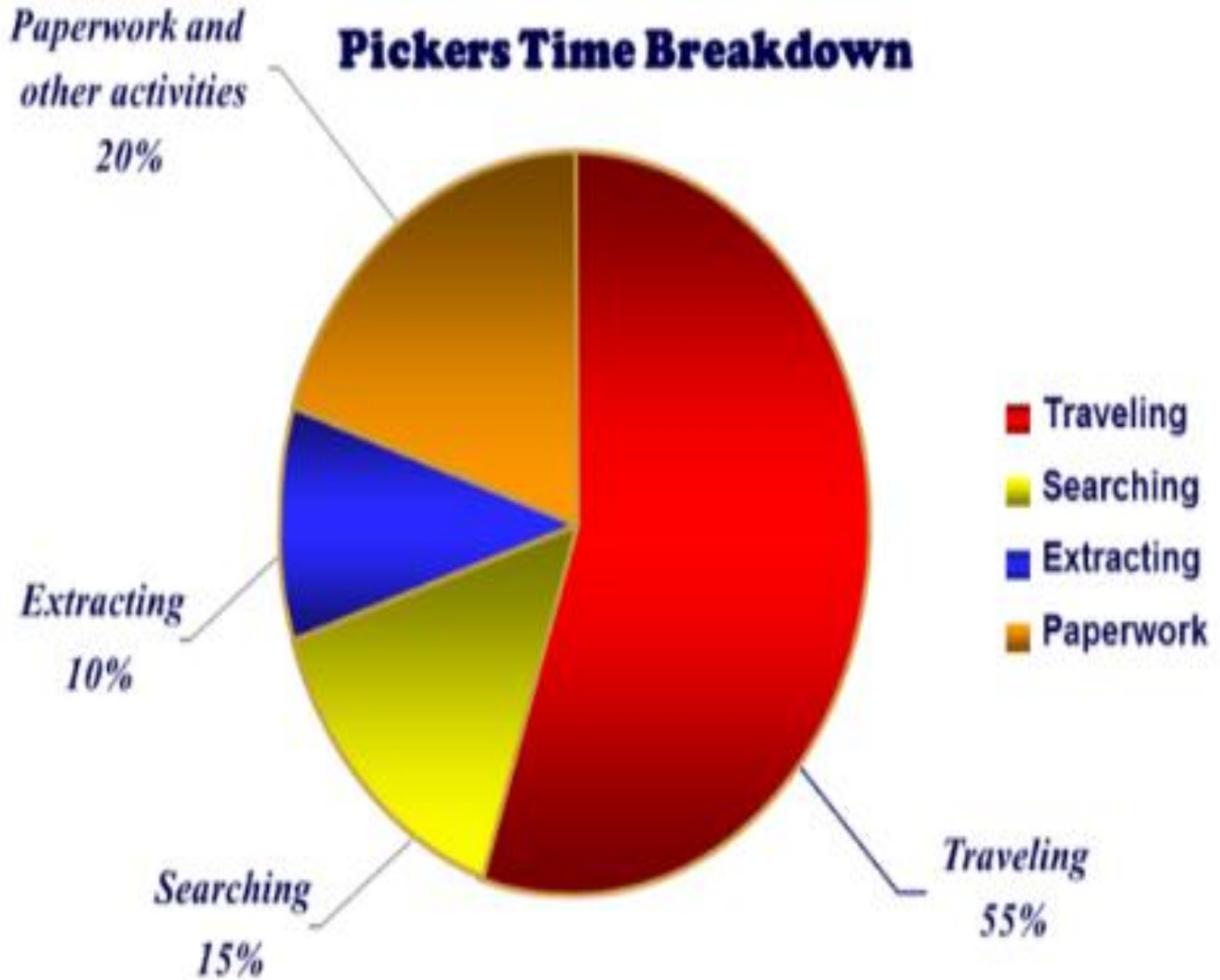
**Storage utilization**

**Picking Optimization**

**Inventory Accuracy**

**Inventory Visibility**

# Pickers Time Breakdown



# LEAN WORKFORCE PRACTICES



**Identifying non value-added  
labor**

**Measuring and managing  
variability**

**Motivating the workforce**

# 5S Explanation



Sort

When in doubt, move it out – Red Tag technique



Set in Order

A place for everything and everything in its place



Shine

Clean and inspect or Inspect through cleaning



Standardize

Make up the rules, follow and enforce them



Sustain

Part of daily work and it becomes a habit

# Benefits of TWI

- Get more done with less machines and manpower
- Improve quality, reduce scrap by achieving standard work across workers and shifts
- Reduce safety incidents
- Decrease training time, especially for temporary workers
- Reduce labor hours
- Reduce grievances
- Transfer knowledge from a skilled workforce to an unskilled or green workforce

**Companies that have implemented TWI have reported improvements of 25% and more in increased production, reduced training time, reduced scrap and reduced labor-hours.**



**I DIDN'T DO IT**



**HIS FAULT**

**HER FAULT**



**IT WASN'T ME**

**Growth Strategy**

Increase Workforce Effectiveness

**Efficiency Strategy**

**Financial Perspective:**

Expand Growth Opportunities

Enhance Workforce Value

Improve Cost Structure

**Customer Perspective:**

Solid Partnership

Service Delivery

Excellent Quality

On-Demand Delivery

Effective Compensation

**Internal Perspective:**

Workforce Management

Customer/Project Management

Service Delivery Management

Cost Management

- Selection
- Staffing
- Development
- Retention

- Segmentation
- Acquisition
- Expansion
- Satisfaction

- Identification
- Justification
- Development
- Recurring

- Salaries
- Bonuses
- Benefits
- Stock Options

**Learning Perspective:**

Integrity

Motivation

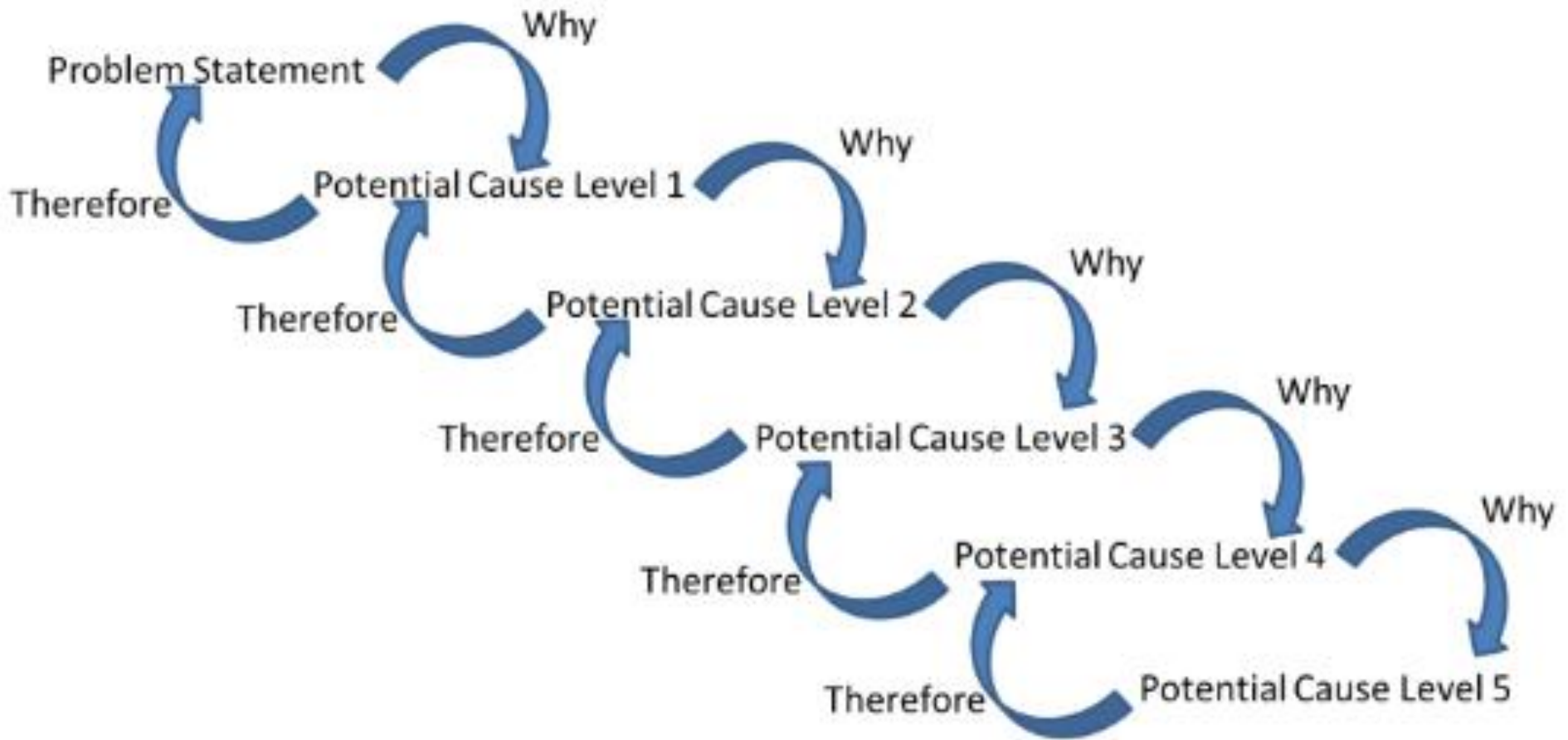
Partnership

Knowledge

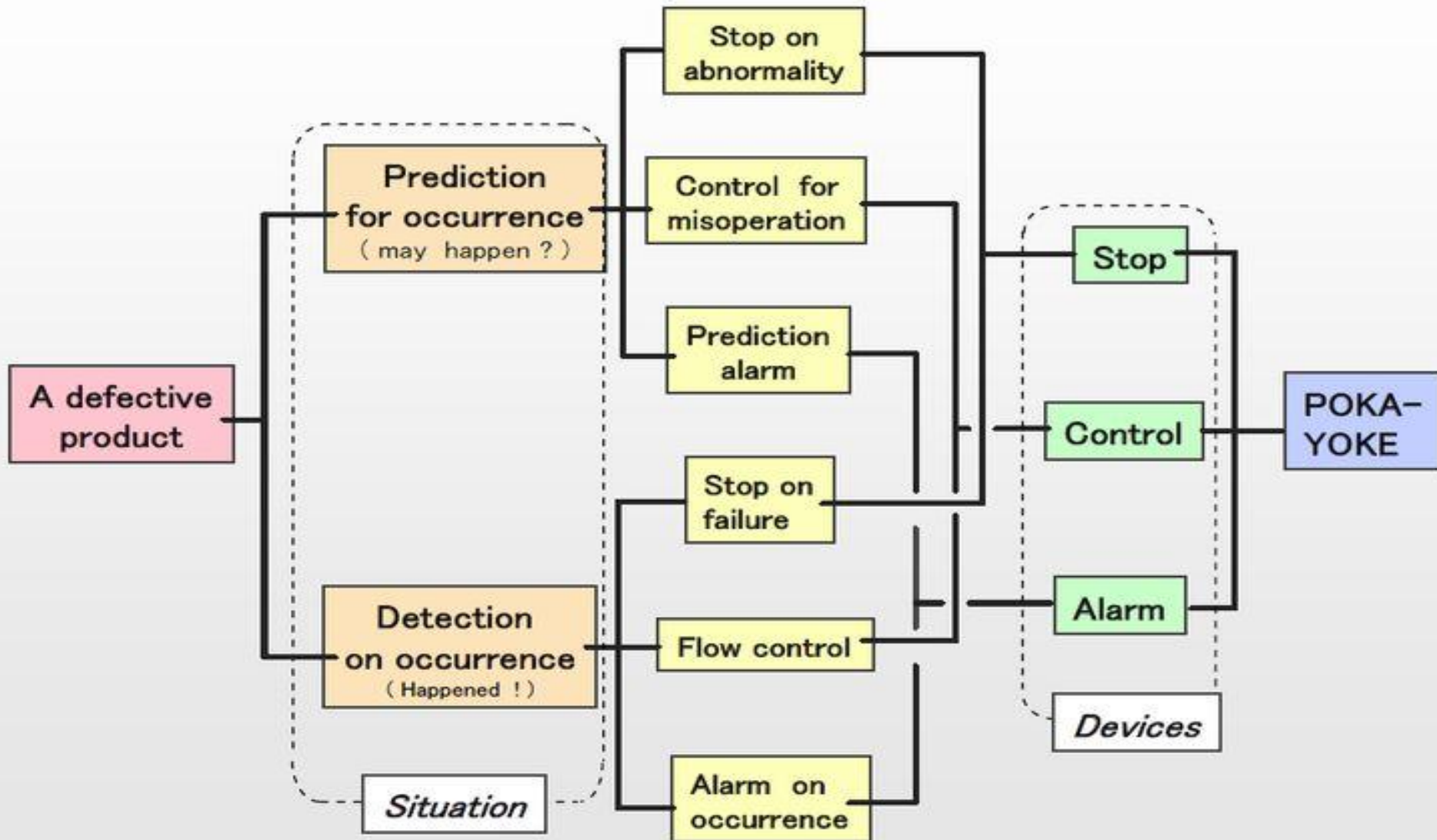
Excellence

Balance

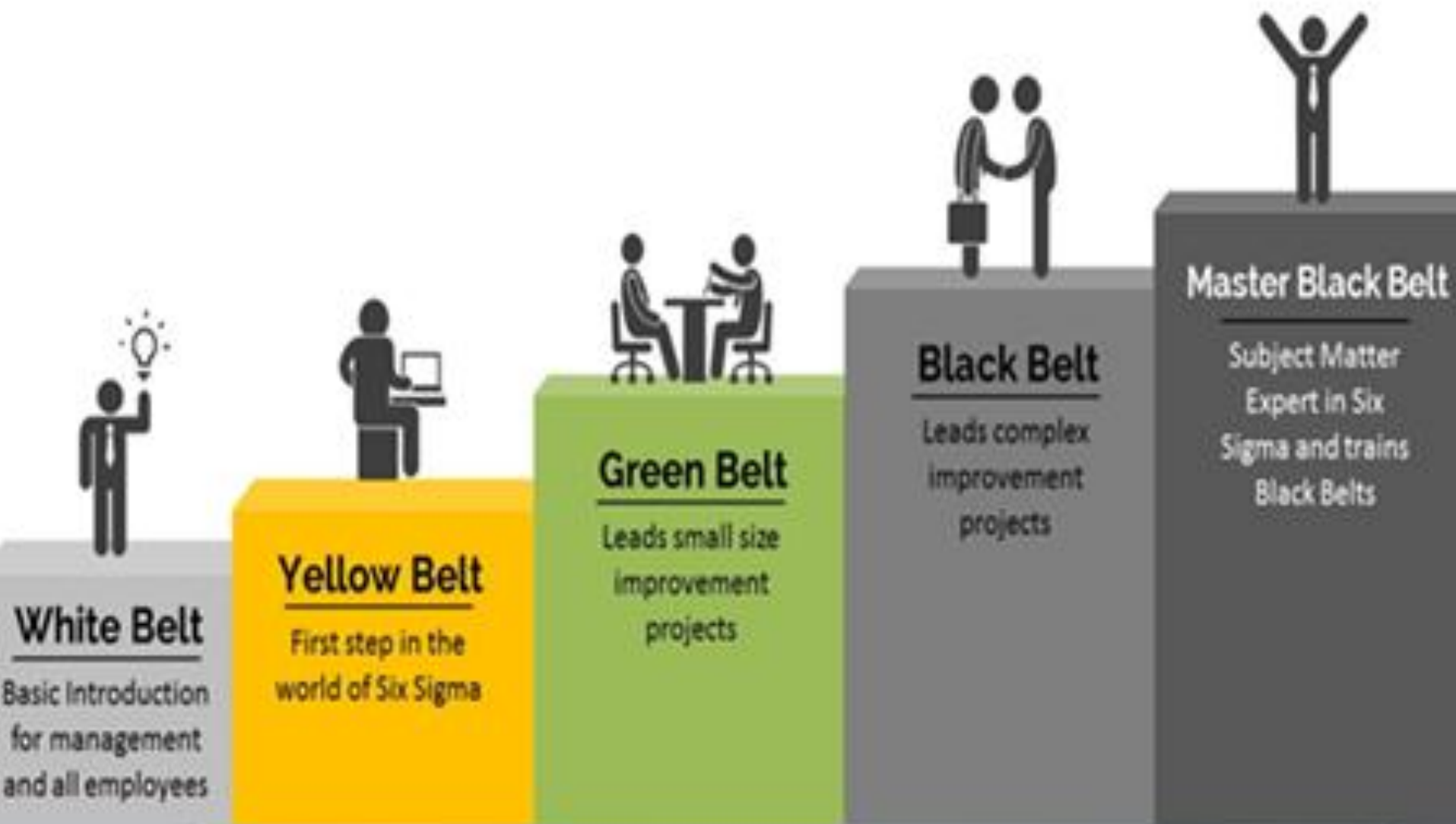
# 5 WHY



# Mechanism of POKA-YOKE



# Six Sigma Belts





- Has overall understanding of Lean Six Sigma concepts
- Able to report process issues to Yellow Belts, Green Belts, Black Belts
- Able to use basic Lean Six Sigma vocabulary terms



Specifics of how Six Sigma works, how it's disciplines are applied to the workplace and where best to concentrate time when learn the process.



Green Belts may lead and manage projects, while also providing support to Six Sigma Black Belts.



Expert in Six Sigma philosophies and principles. Black Belts are known as agents of change within an organization who lead project teams.



A Master Black Belt represents the top of the Lean Six Sigma achievement structure. They have extensive experience and are leaders in their fields.

**THE END**

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