



LEAN MANUFACTURING AND THE GENESIS MODEL

*Focusing on the People, Processes,
and Products of your Business*



The background of the slide features faint, stylized outlines of the states of Louisiana and Mississippi. Overlaid on these outlines are several interlocking gears of different sizes, rendered in a light gray color. The top half of the slide is a solid dark teal color, which serves as a backdrop for the title.

INTRODUCTIONS

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We ❤️ Manufacturing

WHY WE
WORK FOR
IMEC

ILPE
Illinois Performance Excellence

IMEC

**MANUFACTURING
EXTENSION PARTNERSHIP
National Network**

**MANUFACTURING
EXTENSION PARTNERSHIP
National Network**

Rockford
Schaumburg
DeKalb
Chicago

Peoria

Metro East St. Louis

Carbondale

PR

IMEC Center Affiliate Location

IMEC Office Location

About IMEC

We Understand your needs



What we do:

Deliver customized training, hands on technical assistance, and leadership advisement to help manufacturers to grow your business and improve bottom line results



About IMEC

We bring you solutions and help you
build a roadmap to success



HOW WE DO IT

Mission

To be a catalyst for transforming
the STATE of manufacturing



Illinois Performance Excellence



PEOPLE



PROCESS

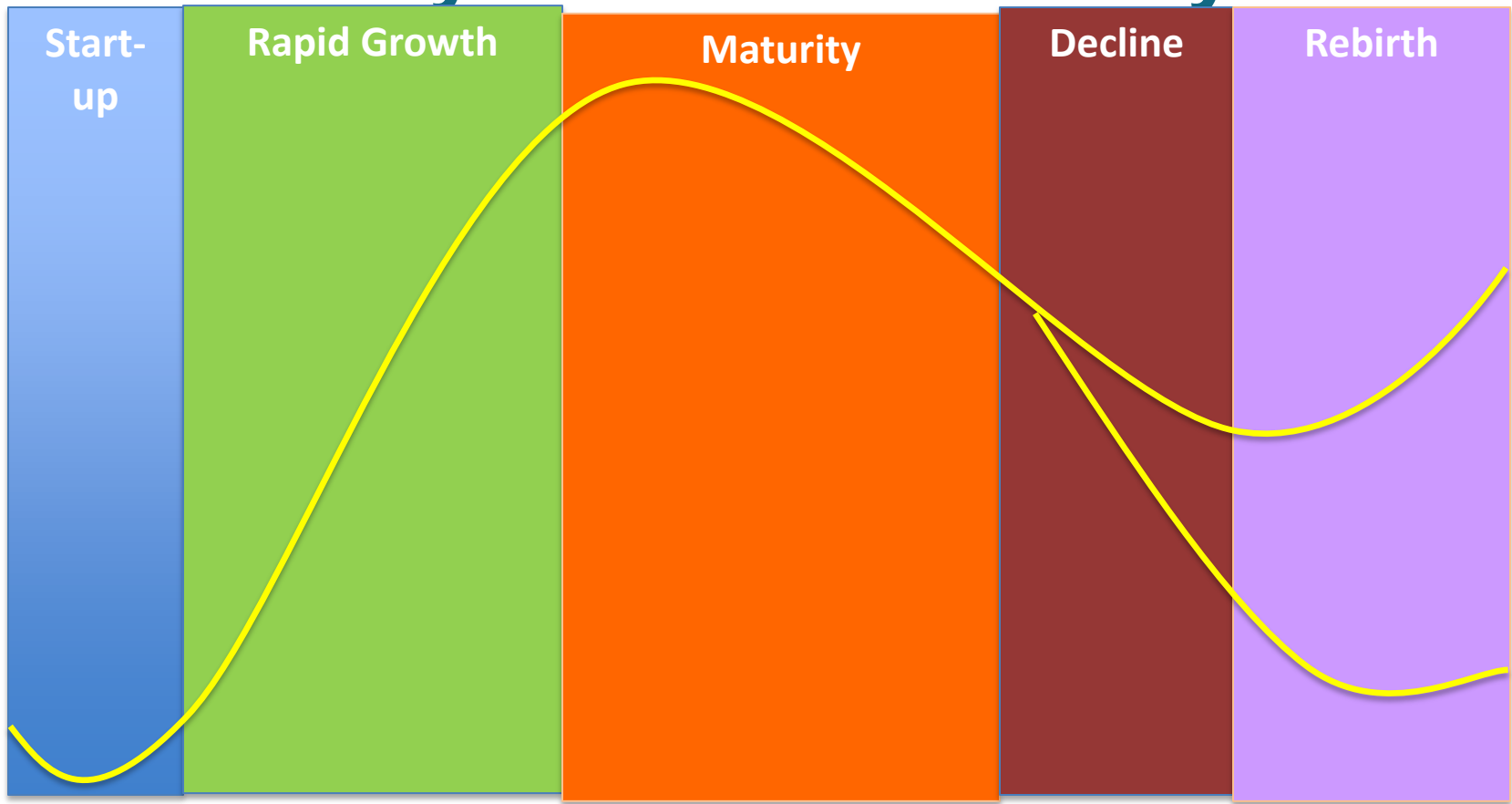


PRODUCT

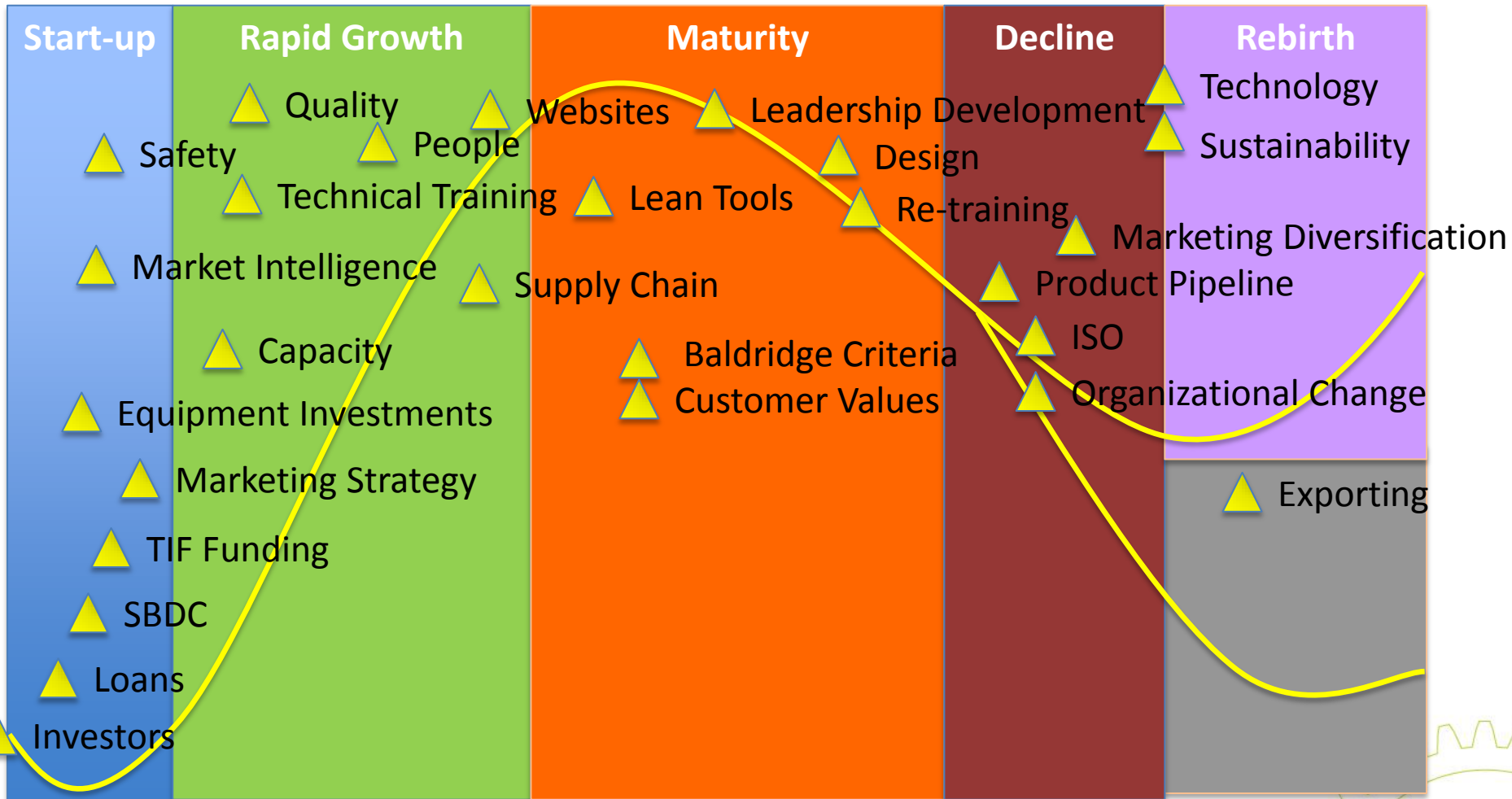
Maintaining the helicopter view in **your** business



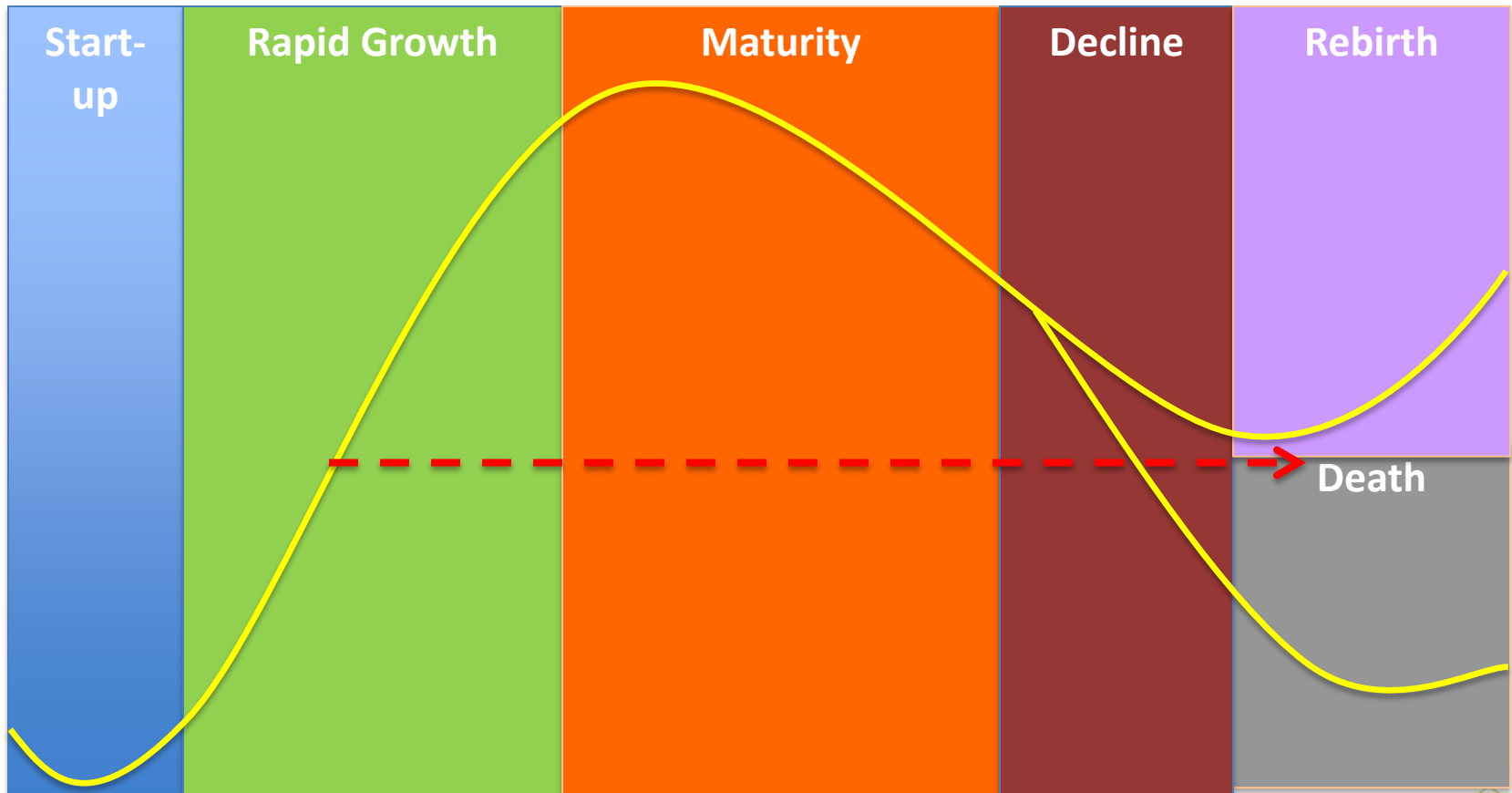
Where are you in Business Cycle?



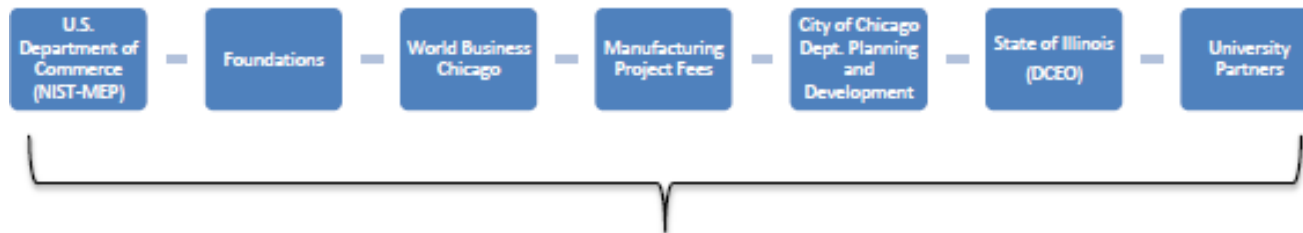
Life Cycle of a Business



How is your business?



A Non-Profit, Public-Private Partnership

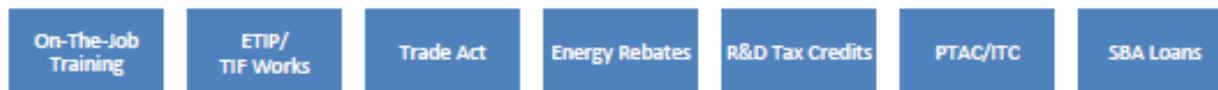


Increasing efficiency and maximizing competitiveness through
IMEC expertise in *Next Generation Manufacturing...*



... and proven by third-party impact evaluations.

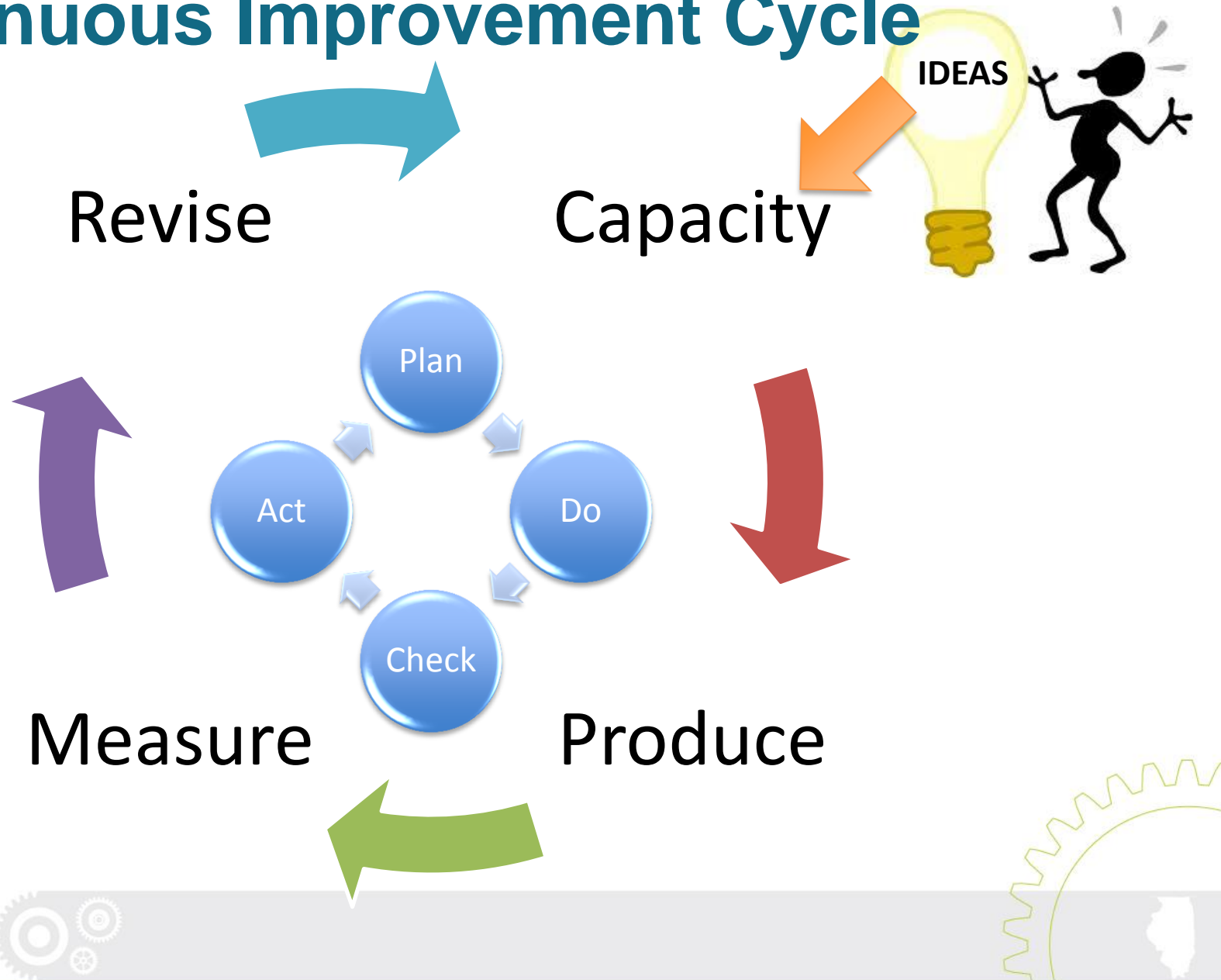
In addition, IMEC supports the manufacturers initiative through identification of financial programs or incentives...



...as well as connecting manufacturers with appropriate local resources, when needed.



Continuous Improvement Cycle





Continuous Improvement

Pull/Kanban

Cellular/Flow

TPM

Quality at Source

POUS

Batch Reduction

Plant Layout

Quick Changeover

Teams

5S System

Visual

Standardized Work

Value
Stream
Mapping



TWI – Training Within Industry

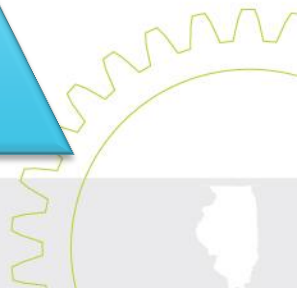
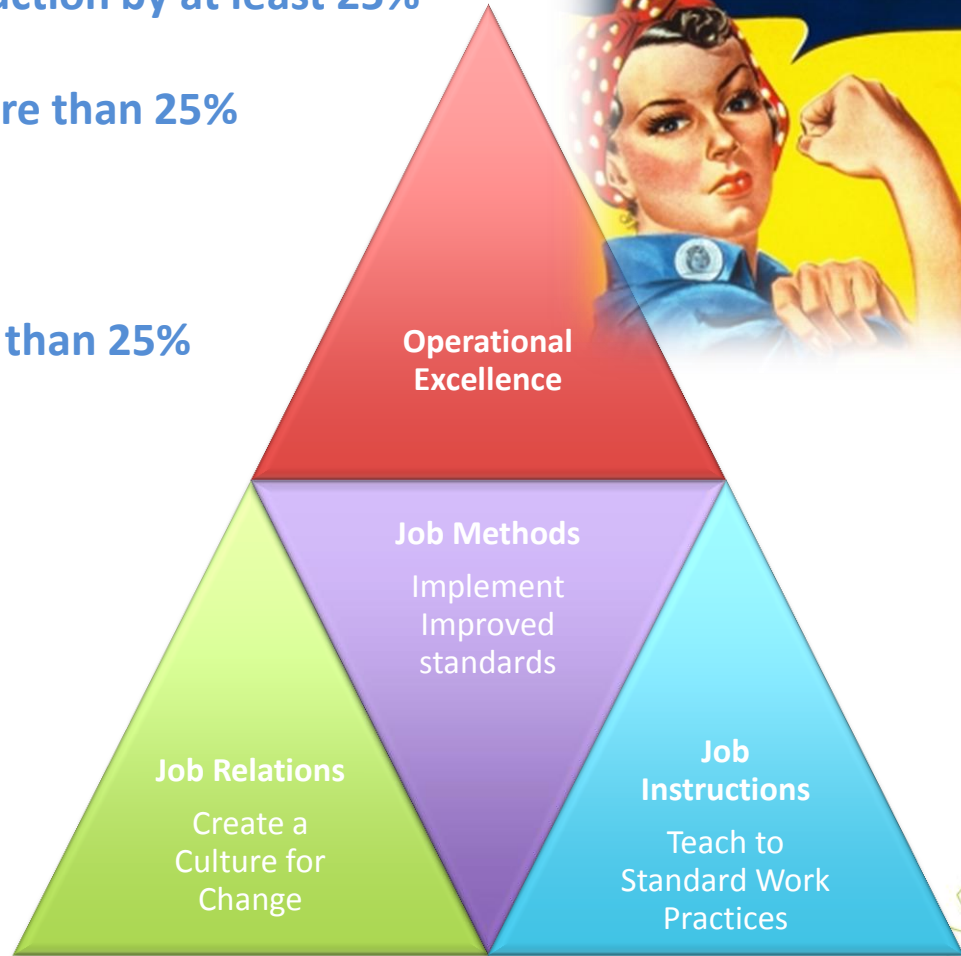
86% of companies increased production by at least 25%

100% reduced training time by more than 25%

55% reduced scrap by at least 25%

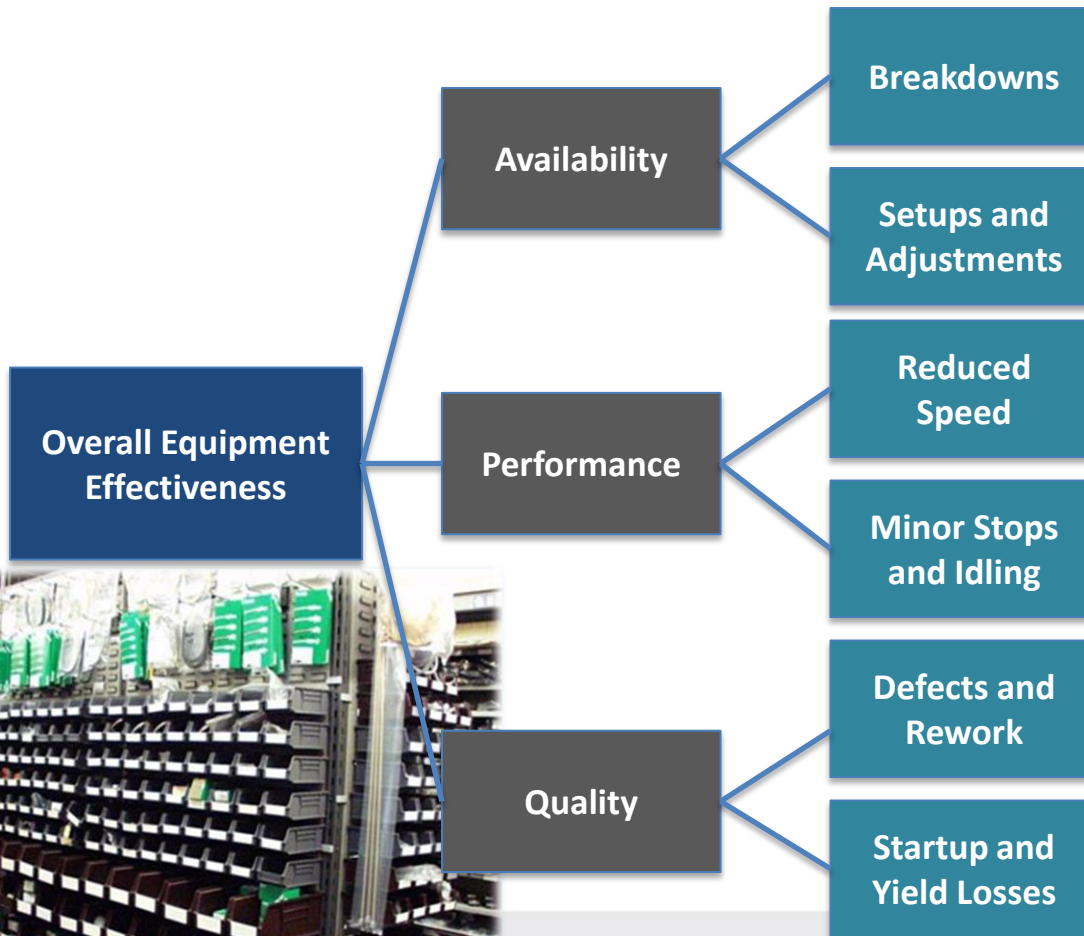
100% reduced grievances by more than 25%

We Can Do It!



Total Productive Maintenance

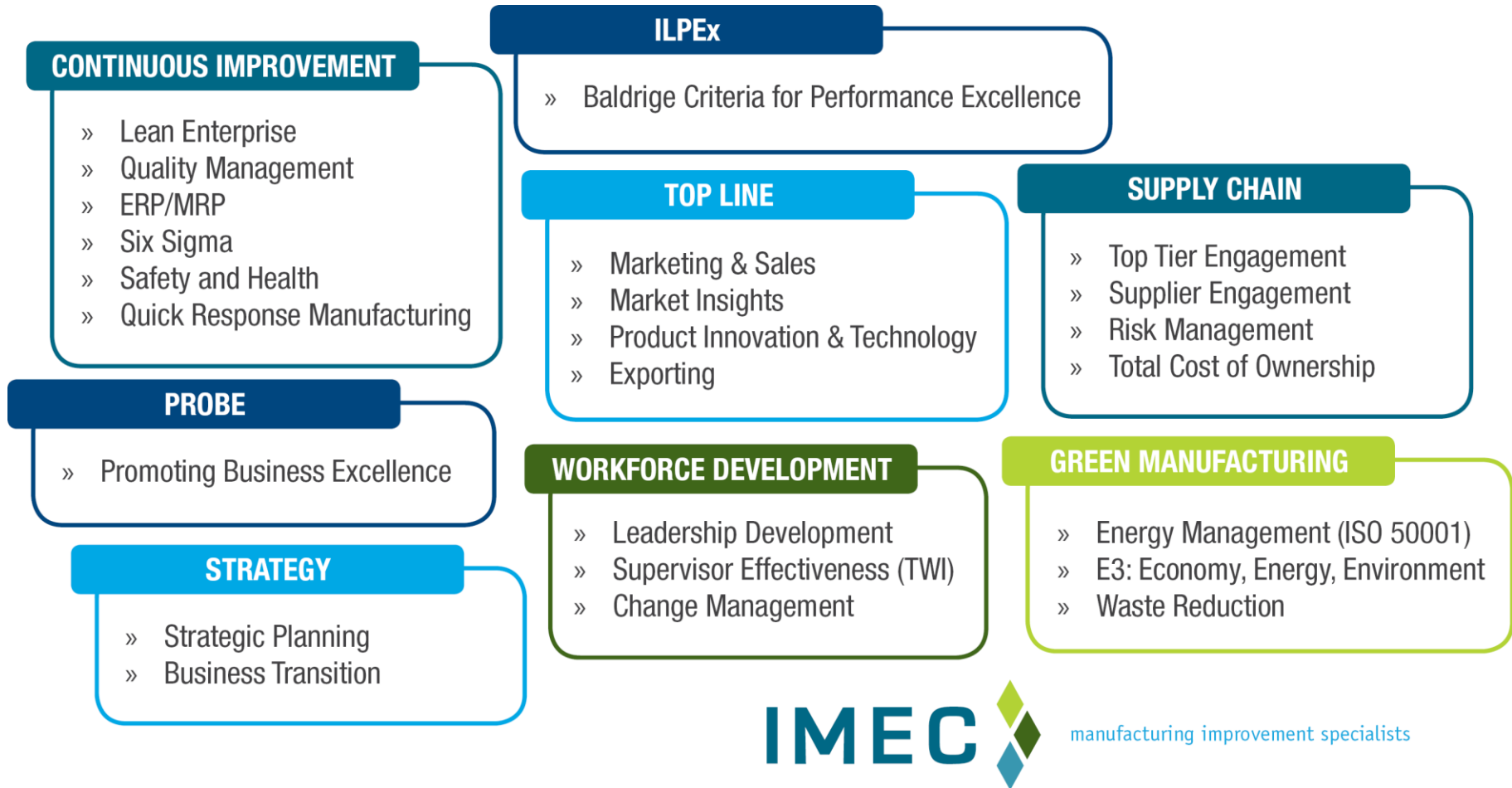
Six Big Losses



Talent Management



IMEC: Catalysts for Transformation



Working with IMEC: Results Matter

We get measured for performance by impacts from you

2014 Reported Results for IMEC Clients:

We assisted 446 companies

Results delivered \$308,000 new and retained sales per project

Results created and retained 1,581 jobs

The Total Aggregate impact was \$178,000,000

