



ESTABLISHING A SAFETY CULTURE



June 02, 2016

Bursa, Türkiye

<http://www.dupont.com.tr/urunler-ve-hizmetler/consulting-services-process-technologies/brands/sustainable-solutions.html>

Introduction



Consultant – Turkey

Asli.Kose@dupont.com

Professional Background

Asli is a consultant with 10 years diverse experience in industry & services transformation and implementation projects, focused on every part of engagement from sales to delivery including; project management & coordination and business development

Credentials

- BA in Business Administration, Başkent University, Ankara, 1998 – 2002, Granted Scholarship from Başkent University

Areas of Specialization

- Safety Behavioral/Culture Change, Change leadership
- Behavioral Observations
- Project Management and Coordination
- Learning & Development services
- Business Development



Senior PSM Consultant and Accounts Director for Middle East and Turkey

Nathan.A.Turner@dupont.com

Professional Background

Nathan Turner is a Process Safety Consultant having worked for DuPont for 14 years. Experiences in High Hazard Process Engineering, Operations Management and Internal and External Operations Consulting to draw upon

Credentials

- Master of Business Administration, The College of William and Mary, 2010
- B.S., Chemical Engineering, Purdue University, 2002
- Certified Six Sigma Black Belt

Areas of Specialization

- Process Safety Management (PSM)
- Process Safety Capability Development
- Executive Leadership Coaching
- Progressive Discipline and Performance Management
- Risk Analysis
- Behavioral Observations

Defining Culture, Corporate Culture and Safety Culture – What is the difference?

Defining Culture

Culture

- Is the “**ideas, customs and social behavior**” of a particular people or society (*Oxford Dictionary*)

Corporate / Organization Culture

- Refers to the **shared values, attitudes, standards, and beliefs** that characterize members of an organization and define its nature. Corporate culture is **rooted in an organization's goals, strategies, structure, and approaches to labor** (*O'Malley, John, 2000*)

Safety Culture

- Is a term often used to describe the way in which safety is managed in the workplace, and often reflects “***the attitudes, beliefs, perceptions and values that employees share in relation to safety***” (*Cox and Cox, 1991*)

DuPont's 22 Safety Element to Safety Excellence

LEADERSHIP

- Management Commitment
- Policies and Principles
- Goals, Objectives, and Plans
- Procedures and Performance Standards

ORGANIZATION

- Line Management Accountability and Responsibility
- Safety Personnel
- Integrated Org. Structure
- Motivation and Awareness

OPERATION

- Observations and Audits
- Incident Investigation
- Training and Development
- Effective Communication



PERSONNEL

- Emergency Preparedness and Contingency planning
- Management of Change – Personnel
- Contractor Safety Management

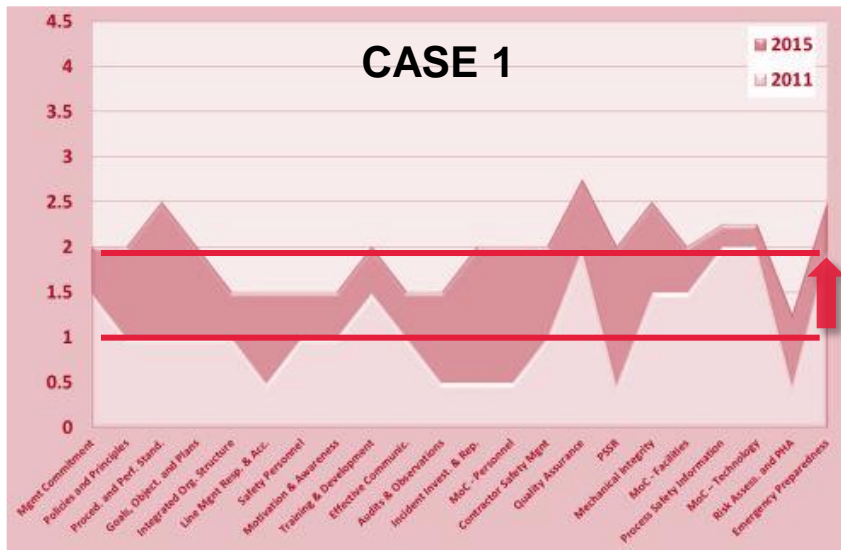
FACILITIES

- Quality Assurance
- Pre-startup Safety Reviews
- Mechanical Integrity
- Management of Change – Facilities

TECHNOLOGY

- Process Safety Information
- Management of Change – Technology
- Risk Assessment and Process Hazard Analysis

What made a difference between these two companies in establishing a safety culture?



Disconnected Management Commitment

Average rate of increase in PSM Performance ~ **70% in 3 years**

High Management Commitment

Average rate of increase in PSM Performance ~ **300% in 3 years**



Source: DuPont Benchmark Analysis

The secret ingredients for establishing and maintaining a safety culture... the four main pillars

A PSM and Behavioral Safety management system that governs and counters associated risks

Leadership that sets the PSM and Behavioral Safety improvement vision and drive the efforts forward

An environment that encourages employees' engagement in the improvement process

A performance management process that monitors performance proactively and suggest actions to ensure continuous improvement and benefits realization

**A SUCCESSFUL
SAFETY CULTURE
ESTABLISHED**



DuPont's 22 Safety Element to Safety Excellence – The system component of Safety Culture

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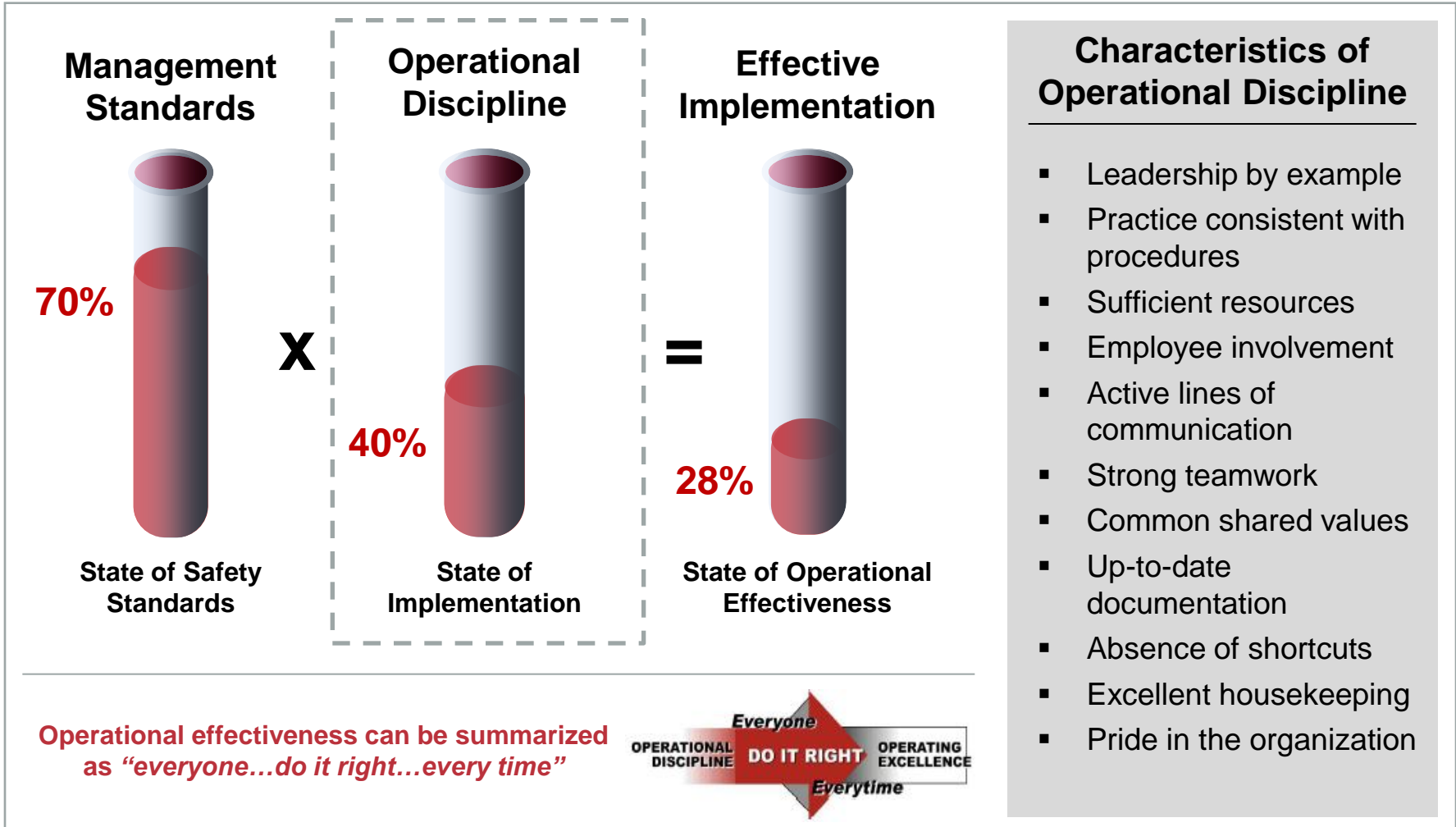
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Operational discipline – the soft side of ‘safety culture’ – is essential for operational effectiveness

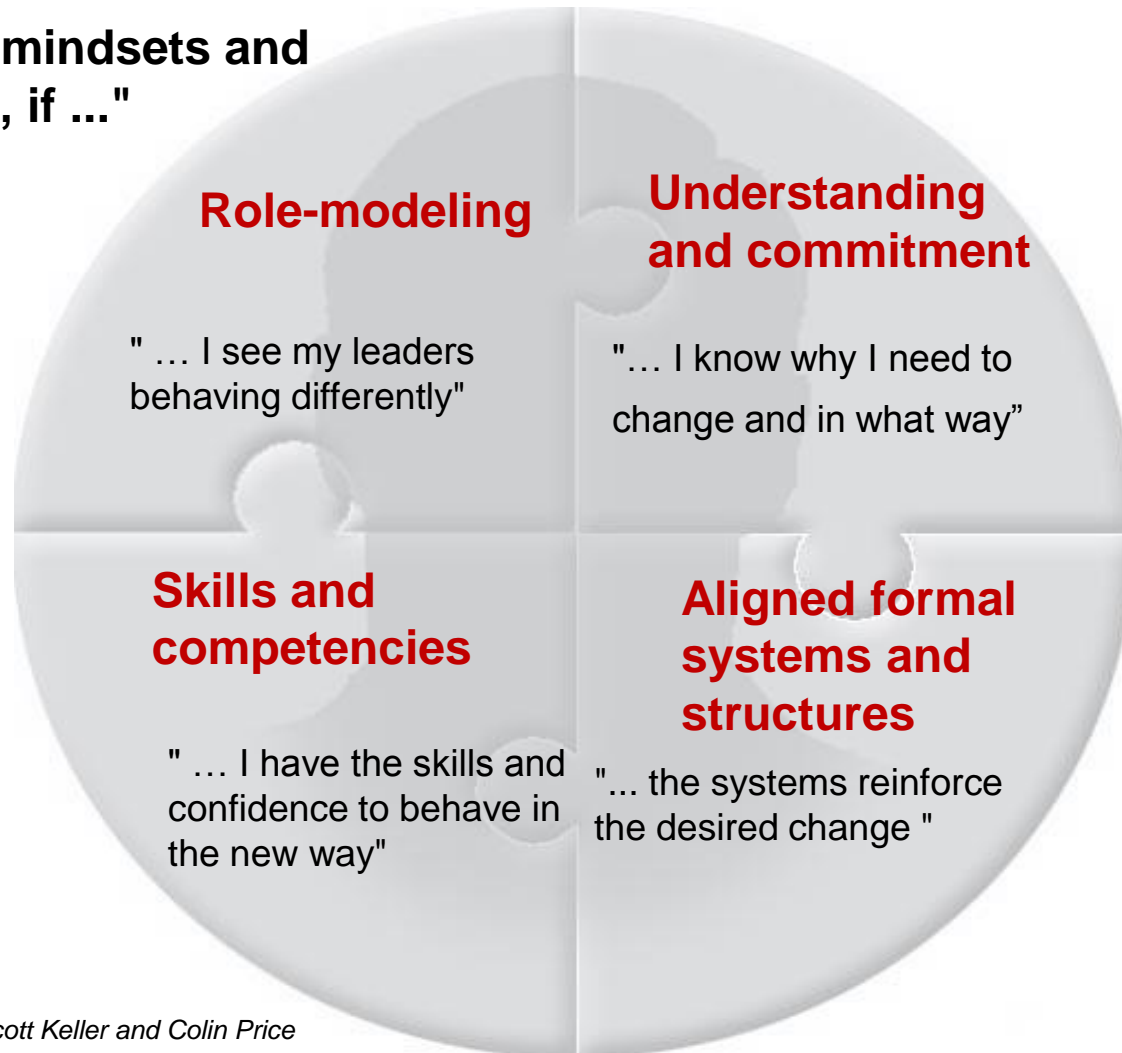




Leadership Commitment – Establish a safety culture by building capability, influencing, role-modeling, and aligning systems



"I will change my mindsets and behaviors, if ..."



Source: *Beyond Performance* - Scott Keller and Colin Price
(*The Influence Model*)



Leaders show their Commitment in the following ways:

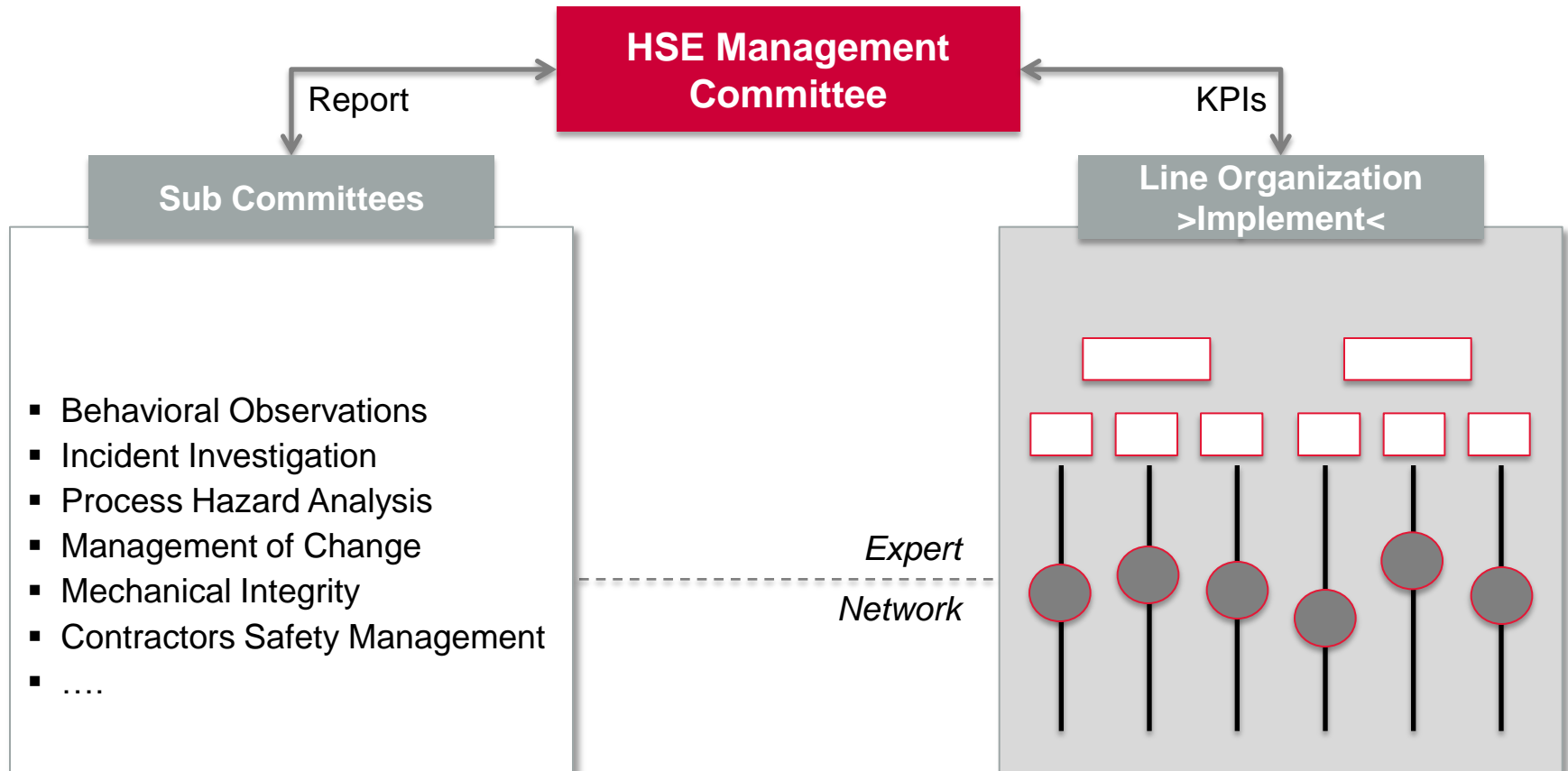
- 1 Be visible to the organization.
- 2 Provide appropriate resources for safety improvements.
- 3 Recognize your role as a teacher/trainer.
- 4 Develop your own safety functioning skills and pass them along to the organization
- 5 Behave and lead as you desire others to do
- 6 Maintain a self-safety focus
- 7 Confirm and reconfirm safety as the Number 1 value
- 8 Put continuous emphasis and clarity around HSE expectations
- 9 Show a passion for ZERO injuries, illnesses, incidents
- 10 Celebrate and recognize “ZERO” successes



Employee Engagement – Employees at all levels need to help establish the safety culture

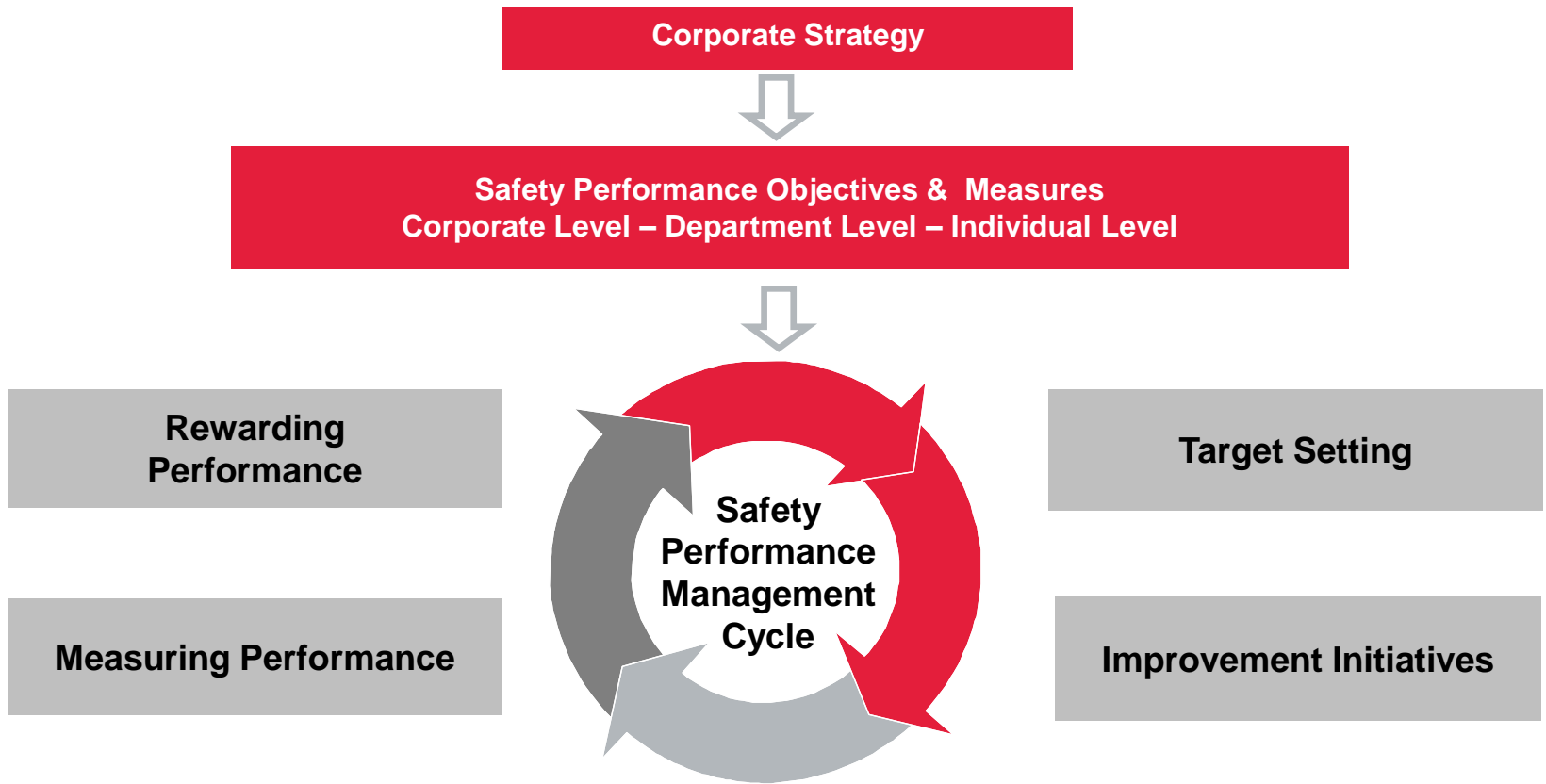


Employee Engagement through the Integrated Safety Organization





Performance Management – Align Strategy to Objectives and Area/Individual KPI's

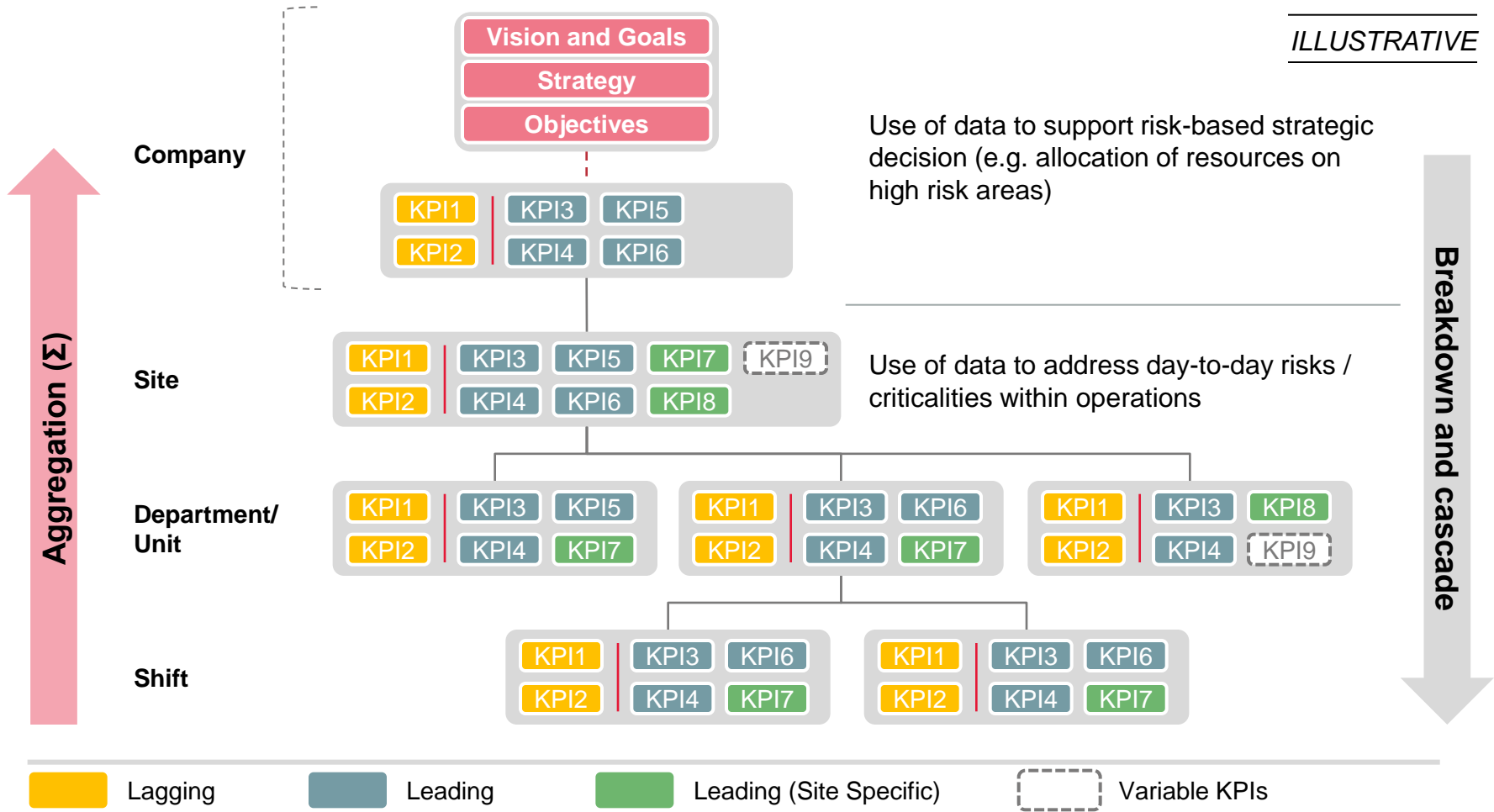




Use KPIs – Monitor Leading and Lagging indicators of safety culture



ILLUSTRATIVE

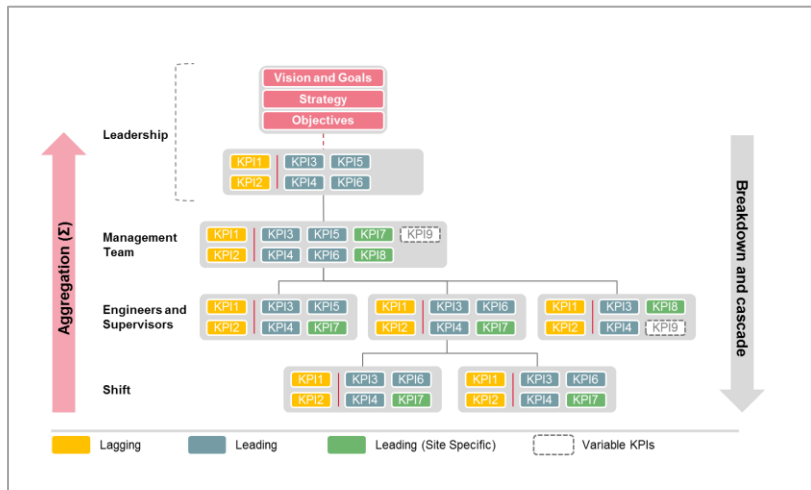




Monitor Performance frequently and Manage deviations pro-actively to establish and maintain the right safety culture



ILLUSTRATIVE



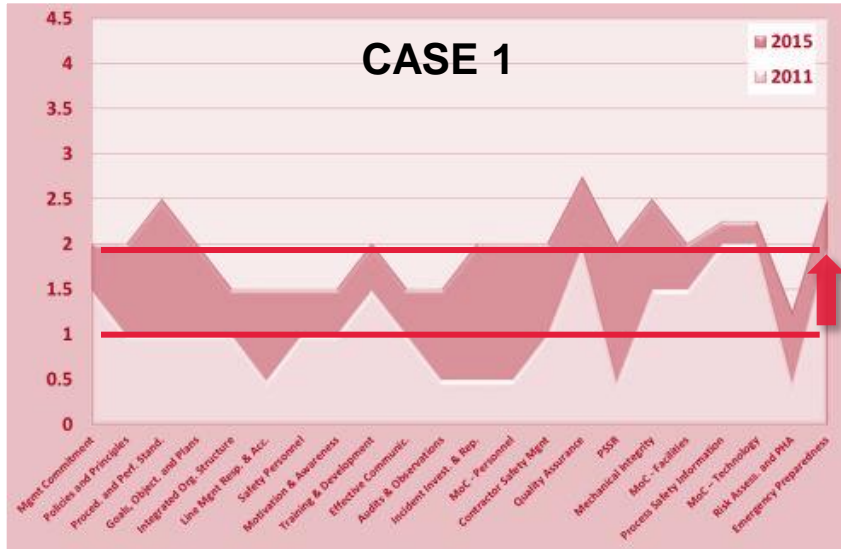
Meet or Exceed expectations

Reward and Recognition
(e.g. Bonus, merit increase, career advancement)

Does not meet expectations

Training & Development Needs
(e.g. Training program, coaching program, target review, counseling)

Driving all 4 pillars can lead to significant lagging indicator and safety culture improvements!



Disconnected Management Commitment
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High Management Commitment
 Average rate of increase in PSM Performance ~ **300% in 3 years**



Source: DuPont Benchmark Analysis



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