



ISO 14001:2015 Challenges, Opportunities and Rewards

How to prepare for your transition and
leverage the new standard for
enhanced business performance



Webinar Logistics

- All participants are muted
- 45 minute presentation
- 10 minute Q&A session
 - Use the Questions box on your sidebar to submit questions
 - We'll respond to as many questions as we can in the Q&A session so we can end on time!
- Web/Phone Conference Issues or Concerns
 - If you are having difficulty seeing/hearing the presentation, please submit a question using the Questions box or
 - Call / Text 925.408.0944
- A short evaluation survey will be sent after the session – please help us with your feedback!
- All attendees will receive a link to the recorded webinar and presentation slides within a day or two of the webinar

Introduction

Susan Mazarella, ISO 14001:2015 Lead Auditor Managing Principal, BSI EHS Services and Solutions

Ms. Mazarella has over 20 years of experience in the environmental, health, safety and sustainability (EHS&S) field, including EHS management systems implementation, corporate social responsibility strategies, business continuity planning, sustainable building assessments and planning, compliance auditing and management, on-site support services, regulatory program review, preparation, and implementation, and environmental site assessments.

Ms. Mazarella has experience leading teams and conducting operational gap assessments and internal audits in pursuit of ISO 14001, ISO 45001, OHSAS 18001, ISO 28001, ISO 26001, and RC 14001.

Over the past year, she has worked with companies in various industry sectors to prepare for the transition to ISO 14001:2015; all of these companies have been recommended for certification to the new standard.



Who We Are

EHS Services and Solutions

- Founded in 1990, we provide a comprehensive range of strategic, management and technical consulting solutions.
- Our consultants can design and implement environmental, health, safety and sustainability programs for organizations of all sizes in all industries.

About BSI

- British Standards Institution, est. 1901
 - Developing standards to
 - improve performance
 - reduce risk
 - achieve sustainable growth
- 72,000 customers in 150 countries

What You Will Learn

Real world **insights and strategies** to help you navigate your ISO 14001:2015 transition

Examples of what to expect and insider tips on how to prepare, plus **guidance on completing the new Clause 4** contextual analysis requirement

How to determine **the competencies you need to demonstrate** and what to do if you don't have them

The importance of determining **your organization's lifecycle** and the role it plays as a component of the new standard

Methods for **identifying risks and opportunities** and ways to leverage them for continual improvement

Strategies for **achieving powerful alignment** between your environmental management system and overall organizational goals

Deadlines

September
14

In case you missed it –
the deadline for certification to the new standard is September 14, 2018

May 31

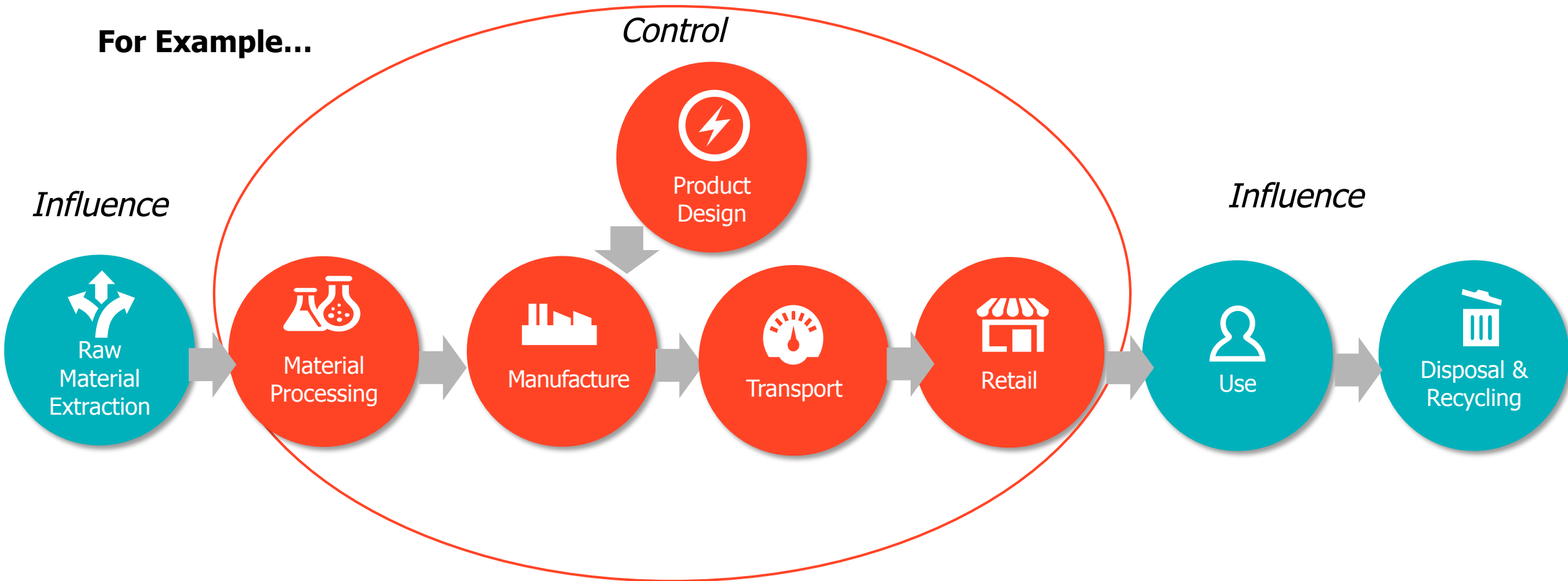
Registrars recommend that companies **complete their migration no later than May 31, 2018** to ensure audits are completed in time to meet the September deadline

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Challenges

Challenge: Determining the Life Cycle of your Organization

For Example...



Insider Tip:

Involve your business partners in this process to leverage their knowledge and expertise.

Challenge: Dissecting Clause 4

Context of the Organization

Environmental Issues

- * Air
- * Water
- * Biodiversity
- * Climate
- * Land Use

External Issues

- * Social, cultural, political
- * Legal, regulatory
- * Financial, economic
- * Competitive Environment

Internal Issues

- * Governance, org structure, roles/resp
- * Culture, mission, vision, values
- * Relationship w/ internal stakeholders

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Interested Parties

External

- * Investors
- * Customers
- * Regulators
- * Media

Internal

- * Employees
- * Corporate
- * Board of Directors

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Compliance Obligations

Interested Parties Relevant?



Needs / Expectations



Compliance Obligation

Example: Contextual Analysis (Issues + Interested Parties)

Issue Category	Issue Type	Source/Reference	Date Source Last Checked	Issue Description																			
					Competitors	Contractors/Suppliers	Customers	Educational Organizations	Emergency Preparedness and Response	Employees	Government/Regulatory Agencies	Healthcare Industry	Investors/Financial Institutions	Corporate	Media	Neighbors	Community	Pressure Groups/NGOs	Property Owner/Developer	Supply Chain	Trade/Industry Associations	Visitors	
Environmental Conditions	Climate	www.ci.santa-ana.ca.us/climateactionplan/	10/3/2017	Finalized in 2015, the city of Santa Ana's Climate Action Plan (CAP) focuses on measures to reduce greenhouse gas emissions in five sectors, including:																			
Environmental Conditions	Air Quality	www.ci.santa-ana.ca.us/climateactionplan/	10/3/2017	Finalized in 2015, the city of Santa Ana's Climate Action Plan (CAP) focuses on measures to reduce greenhouse gas emissions in five sectors, including:																			
Environmental Conditions	Water Quality	www.ci.santa-ana.ca.us/climateactionplan/	10/3/2017	Finalized in 2015, the city of Santa Ana's Climate Action Plan (CAP) focuses on measures to reduce greenhouse gas emissions in five sectors, including:																			
Environmental Conditions	Natural resource availability	www.ci.santa-ana.ca.us/climateactionplan/	10/3/2017	Finalized in 2015, the city of Santa Ana's Climate Action Plan (CAP) focuses on measures to reduce greenhouse gas emissions in five sectors, including:																			
Environmental Conditions	Land use	www.ci.santa-ana.ca.us/climateactionplan/	10/3/2017	The existing Santa Ana General Plan, which is currently under revision, indicates that land use																			
Environmental Conditions	Land use	www.santa-ana.org/geo	10/3/2017	There appears to be no known existing environmental contamination associated with																			
Environmental Conditions	Existing contamination	www3.epa.gov/enviro/f	10/3/2017	The American Thoracic Society (ATS) and the Marron Institute of Urban Management published a study in 2016 that estimates																			
Environmental Conditions	Air Pollution	healthoftheair.org/city/	10/3/2017	The City of Santa Ana Public Works Agency publishes annual Water Quality Reports.																			
Environmental Conditions	Water Quality & Conservation	santaanaccr.org/	10/3/2017	The City of Santa Ana Public Works Agency publishes quarterly Santa Ana Green																			
External Issues	Local Environmental Programs	www.ci.santa-ana.ca.us	10/3/2017	The mission of the Orange County Social Service Agency (SSA) is "to deliver quality services that are accessible and responsive to the Santa Ana is culturally diverse, with its population of approximately 343,000 people		x																	
External Issues	Social	ssa.ocgov.com/	10/3/2017	In 2016, the city of Santa Ana established a 10-year Arts and Culture Master Plan, with eight goals surrounding the themes of:																			
External Issues	Cultural	www.santa-ana.org/fac	10/3/2017	Environment: Executive Orders will scale back Obama-era Climate Change regulations; cut																			
External Issues	Cultural	www.ci.santa-ana.ca.us/cda/artsmasterplan.asp	10/3/2017	Activities and devices are regulated by FDA and environmental agencies (HMBP, SQG only).																			
External Issues	Political	online news sources	10/3/2017																				
External Issues	Legal	EHS	10/16/2017																				
External Issues	Regulatory	EHS	10/3/2017																				

Life Cycle 4.1 Understanding the Org UTO Word Cloud Interested Party Ranking 4.2 Interested Parties 4. ...

Insider Tip: Have the leadership team validate these results during Management Review.

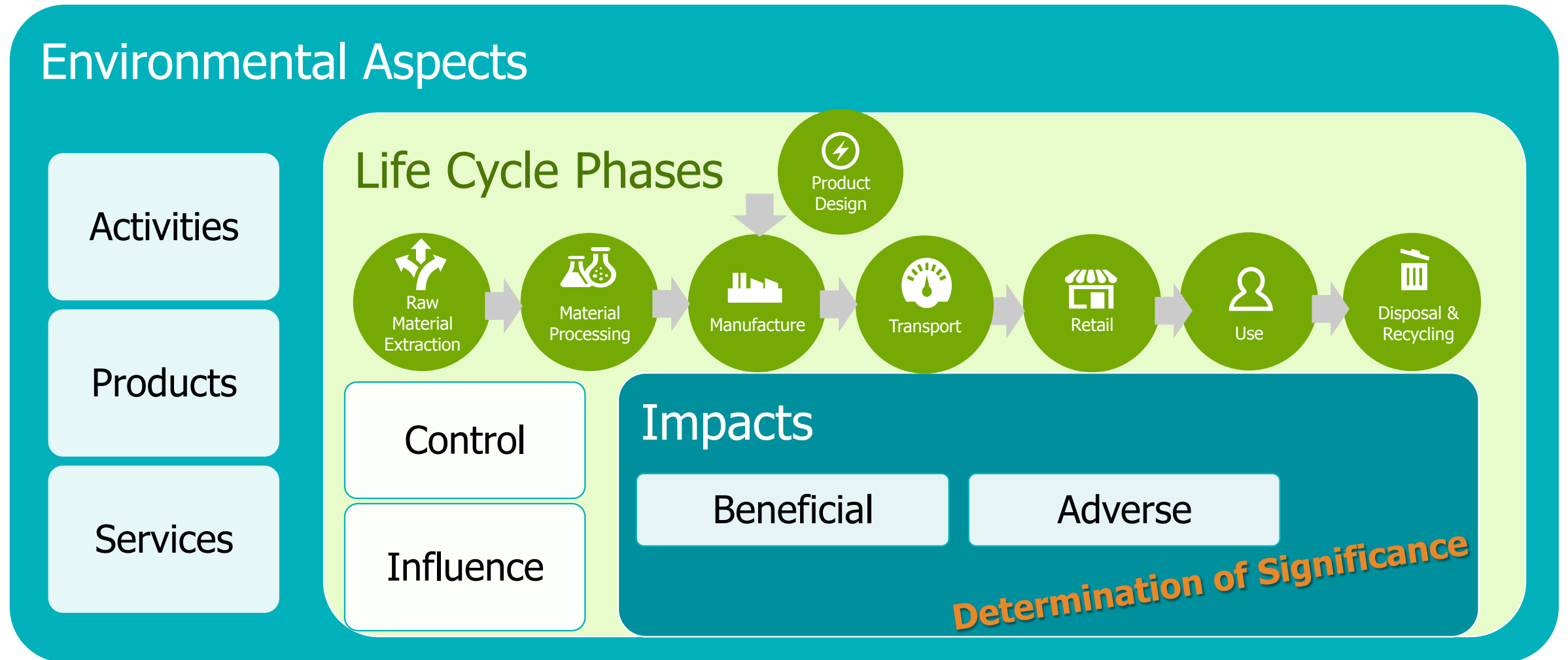
Example: Interested Parties Relevance

Interested Parties	Total	Relevant to achieving the intended outcomes of the EMS? Answer Yes or No (All Yes responses should be listed on tab 4.2)
Employees	38	Yes
Corporate	35	Yes
Government/Regulatory Agencies	32	Yes
Investors/Financial Institutions	23	Yes
Competitors	22	Yes
Contractors/Suppliers	22	Yes
Customers	22	Yes
Healthcare Industry	22	Yes
Pressure Groups/NGOs	21	Yes
Supply Chain	19	Yes
Property Owner/Developer	18	Yes
Community	16	Yes
Media	14	Yes
Neighbors	11	Yes
Educational Organizations	10	Yes
Emergency Preparedness and Response	9	Yes
Trade/Industry Associations	9	Yes
Visitors	7	Yes



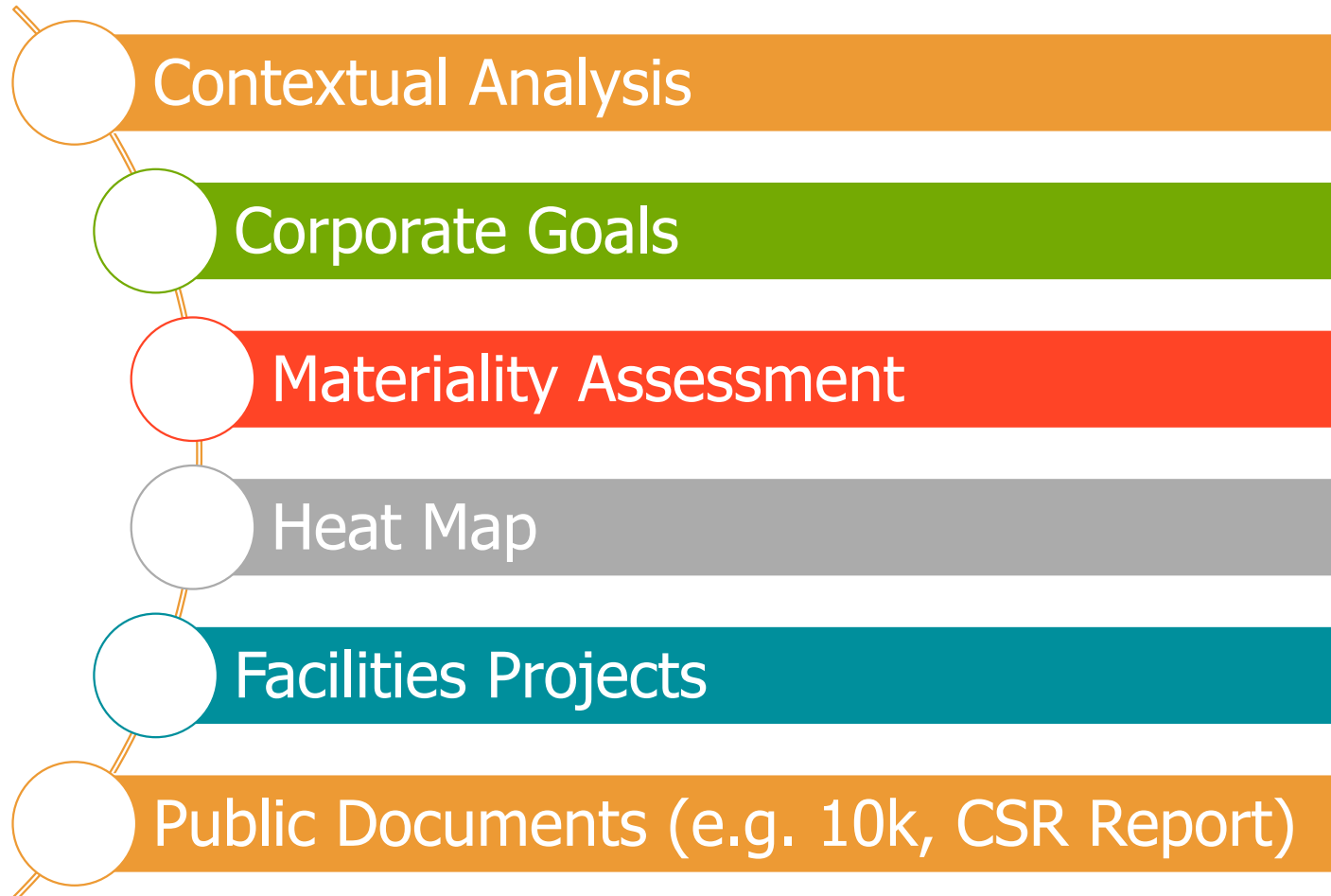
Insider Tip:
Use a Word Cloud or other creative way to illustrate the results.

Challenge: Updating Aspects / Impacts



Insider Tip:
Create a ranking method for beneficial impacts; weight importance of life cycle phases based on control being higher than influence.

Challenge: Identifying Risks and Opportunities



Insider Tips:

Make a list of Risks & Opportunities from these and other sources – add them to your Aspects/Impacts register or other documented information. Determine what actions you will take to address these Risks & Opportunities.

Challenge: Planning Action



Insider Tip:
This is the crux of the new standard – make sure you do this well!

Challenge: Determining Competence

Applies to persons working under the organization's control who affect its environmental performance, including:

Persons with **direct** environmental impact, such as:

- Hazardous Waste handlers
- Wastewater treatment operators
- Painters
- HVAC contractors
- Shipping/receiving of chemicals and waste

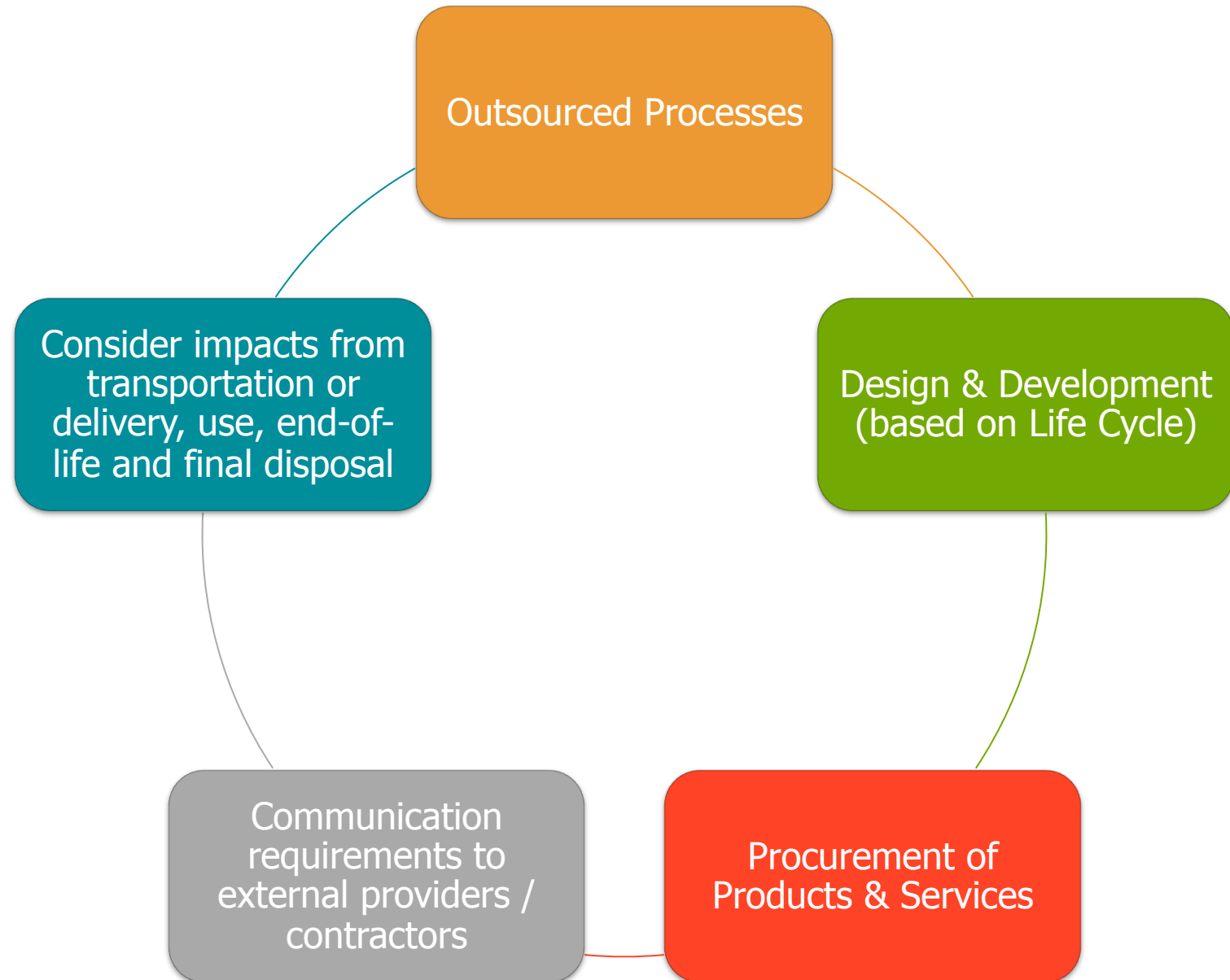
Persons with **indirect** environmental impact, including those who:

- Determine and evaluate environmental impacts or compliance obligations
- Contribute to the achievement of an environmental objective
- Respond to emergency situations
- Perform internal audits
- Perform evaluations of compliance

Insider Tip:

Add Competency requirements to job description, training matrix, and/or roles and responsibilities matrix

Challenge: New Considerations for Operational Controls



Insider Tip:
Leverage Supply Chain and other business partners to assess what is already in place



What To Expect / How To Prepare

What we've seen so far...

Your registrar
may not know
exactly what they
expect to see/
hear on the first
round

Focus may be
more on the new/
changed clauses
but don't let up
on the old
requirements

High value/focus
on Leadership
understanding
and commitment

Tips for preparing...



Update ALL documents to align with the new standard



Don't wait for your registrar to tell you what they want to see for the new / changed requirements

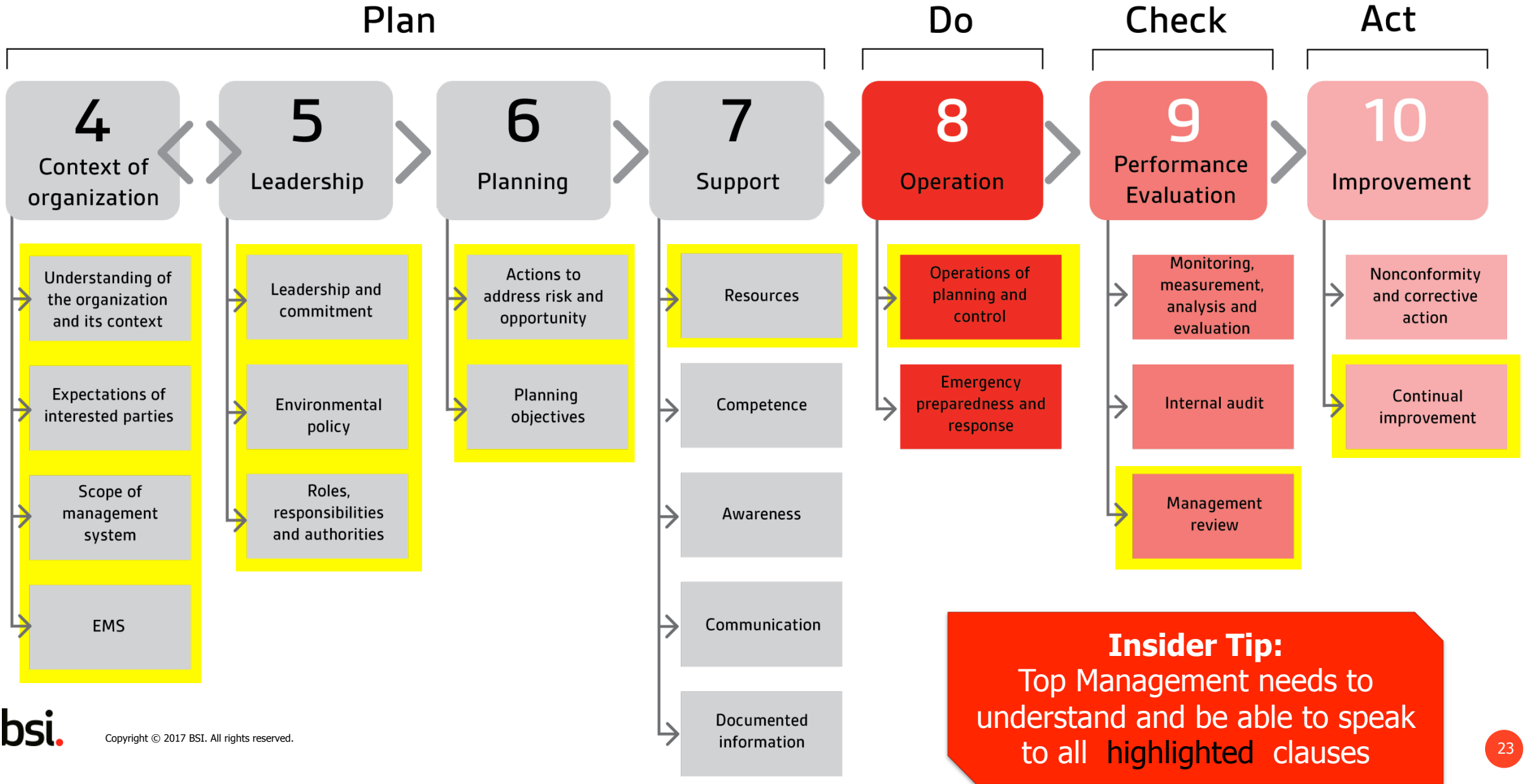


Remember to do an full internal audit based on the new standard

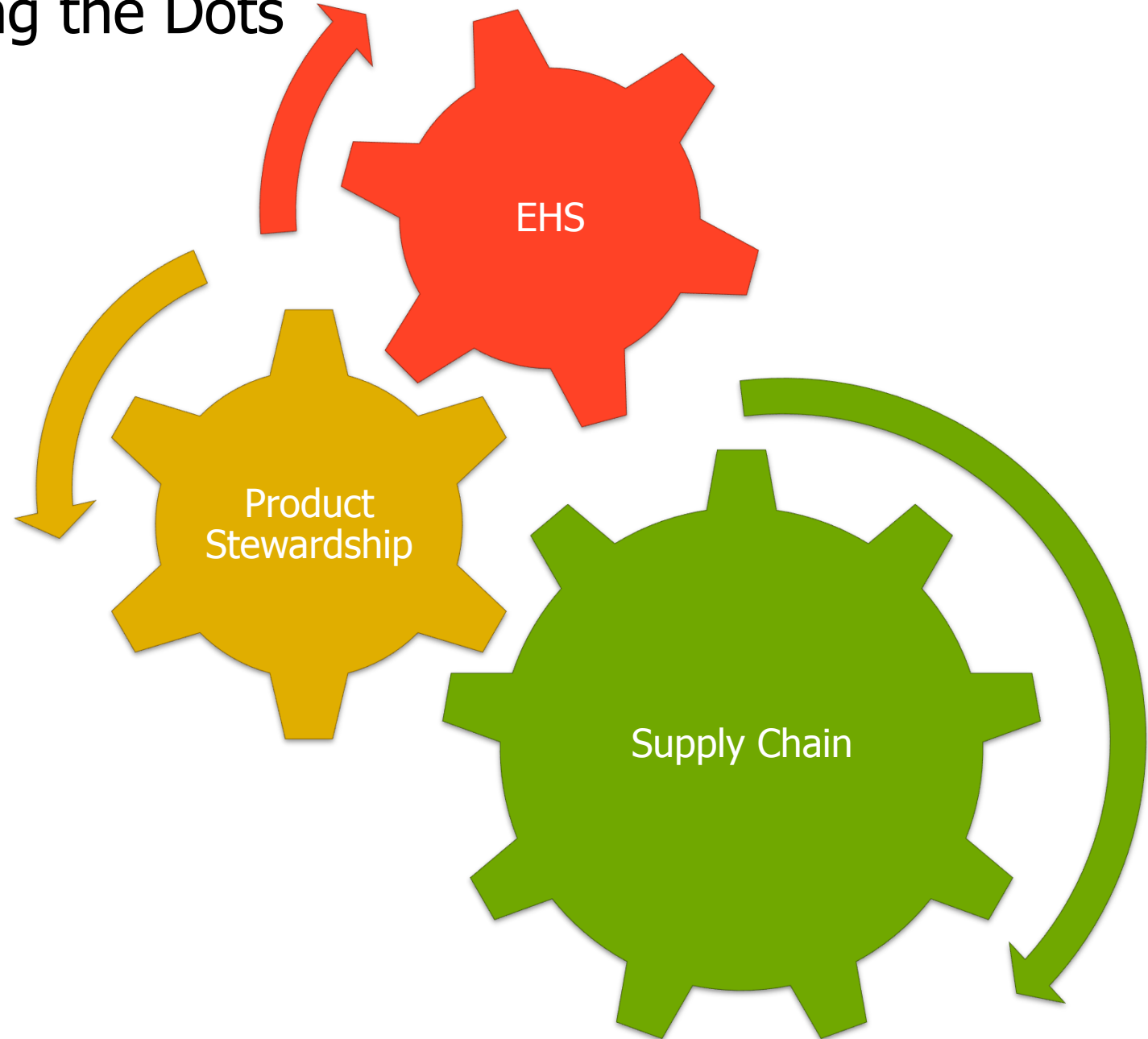
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Opportunities & Rewards

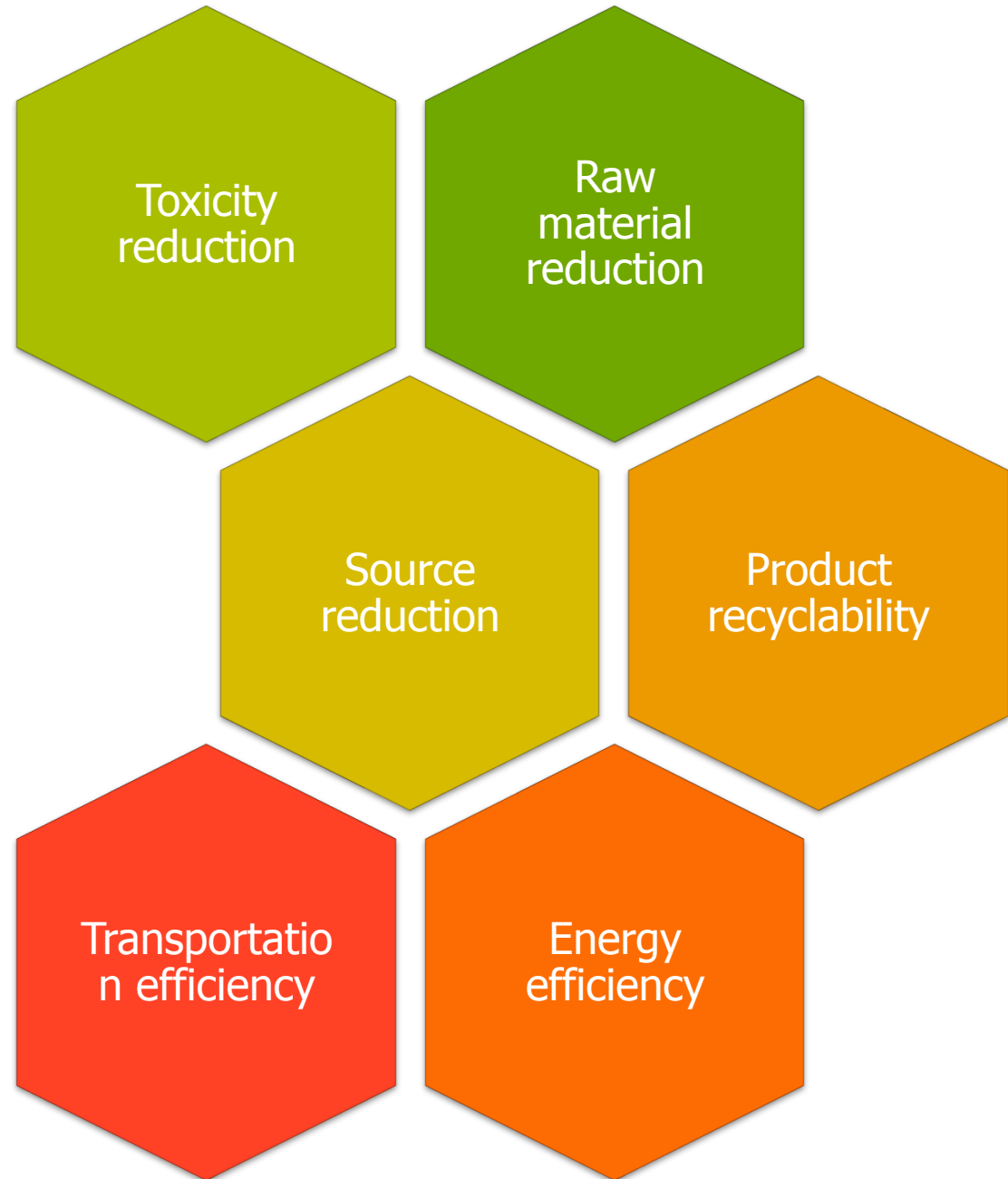
Opportunity: Interwoven Leadership Support



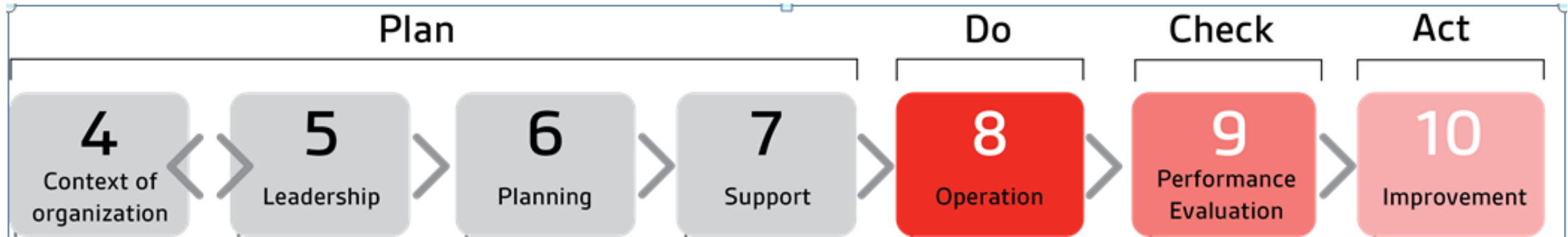
Opportunity: Connecting the Dots



Rewards: Highlighting Beneficial/ Positive Impacts



Reward: Empowering Organizational Alignment Across the Value Chain



✓ Acknowledge the BIG PICTURE

✓ Walk the GREEN CARPET

✓ Roll up your sleeves and get DIRTY

✓ DELIGHT Stakeholders

✓ Set meaningful GOALS

✓ Weave environmental considerations into the FABRIC of the organization

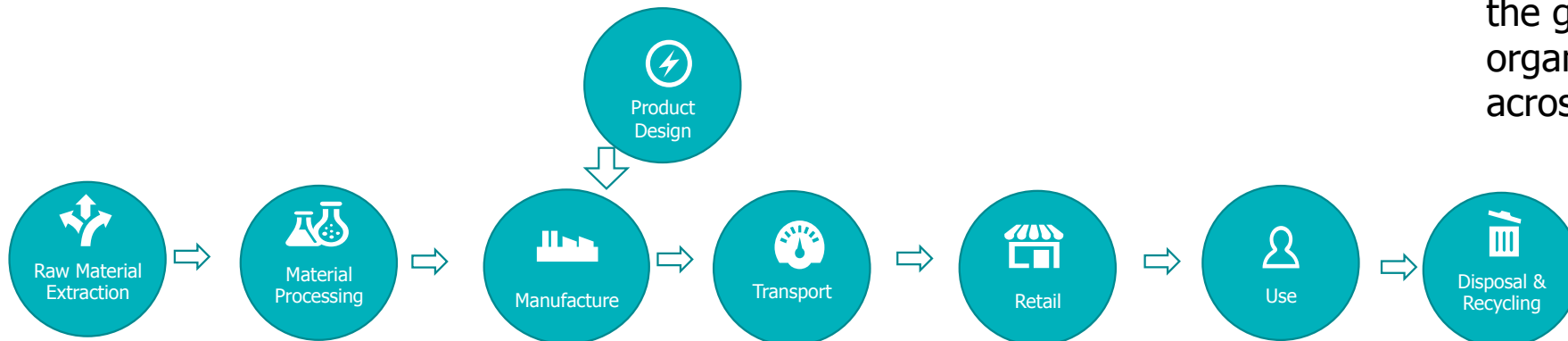
✓ KNOW what's working and what's not working

✓ Be TRANSPARENT

✓ Make a real DIFFERENCE

✓ Course correct when necessary

✓ Take CREDIT for all the good things the organization does – across the value chain!



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Questions



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