

# **BS 8555 : 2016**

## **Environmental management systems – Phased implementation**

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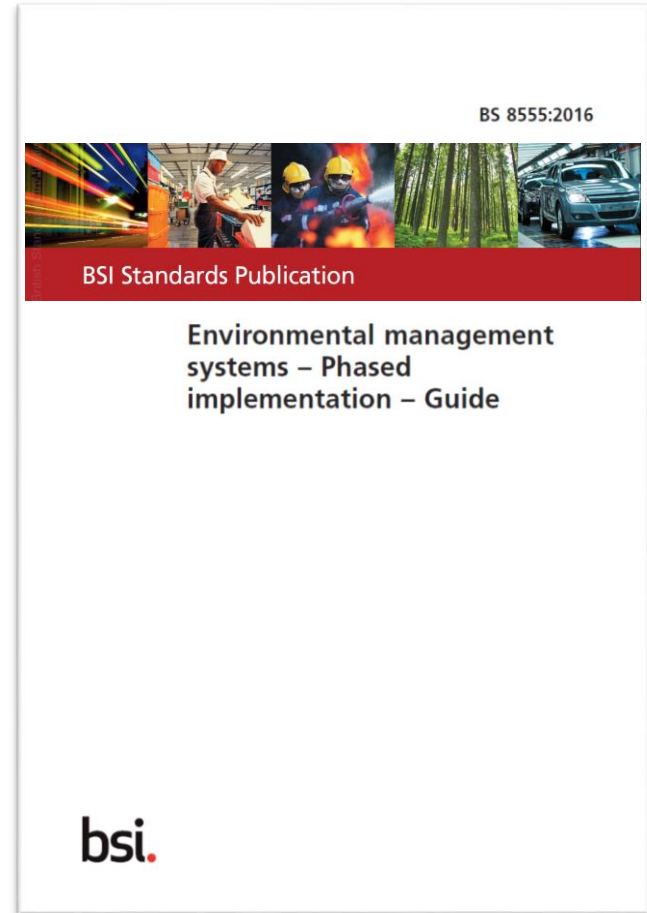
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# Introduction and Benefits

# What is BS 8555?

## BS 8555 : 2016 – Environmental management systems – Phased implementation – Guide

- Provides guidance on how to implement an environmental management system (EMS) in easily manageable phases
- Replaces BS 8555 : 2003
- Produced by BSI committee SES 01/01/01 between end 2015 to end 2016
- Aligned with ISO 14001 : 2015
- Can be used by any organisation; particularly useful for SMEs



# What's New?

## Changes from 2003 to 2016

- Alignment with ISO 14001 : 2015 – introduction of new concepts
- Streamlined to be easier to use
- Changed title



# The benefits of the standard

## Improved environmental management:

- Manage and reduce environmental impacts
- Improve resource efficiency / reduce costs
- Meet regulatory requirements
- Increase leadership and employee engagement
- Enhance reputation with investors, customers, the public, etc.
- Strategic alignment – grow while reducing the environmental impact of growth

# The benefits of the standard (cont.)

A phased approach:

- Implementation paced to suit needs and resource availability
- Choose full EMS implementation (e.g. ISO 14001 / EMAS) or only certain phases
- Sense of achievement along the implementation journey

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# Guidance Overview

# Approach to Guidance

Main guidance is broken into five **Phases**



Each phase consists of between three to seven **Stages**



Each stage contains an **Overview**, **Achievement Criteria**, 'How to do' guidance and **Example Outputs**



# Example Stage Profile

## 5.1 Phase 1, stage 1: Top management commitment and leadership

### 5.1.1 Introduction

Top management commitment is essential to the implementation of an EMS; leadership of the EMS should:

- a) establish the importance of the EMS within the organization;
- b) encourage a consistent approach to the EMS throughout the organization;
- c) gain the commitment of key individuals working for, or on behalf of, the organization; and
- d) approve any necessary resources and changes.

# Example Stage Profile (Cont.)

## 5.1.2 Achievement criteria for phase 1, stage 1

The organization should:

- a) ensure that top management provides leadership of the EMS;
- b) ensure that top management:
  - 1) is accountable for the effectiveness of the EMS;
  - 2) ensures that the resources needed for the EMS are provided;
  - 3) ensures that the EMS achieves its intended outcomes;
  - 4) directs and supports persons to contribute to the effectiveness of the EMS;
  - 5) supports other relevant management roles to ensure leadership as it

# Example Stage Profile (Cont.)

## 5.1.3 How to do phase 1, stage 1

Inputs should include:

- a) meeting with management to explain the benefits of an EMS;
- b) information regarding potential benefits and costs;
- c) the results of initial research;
- d) any information on available resources and budgets;
- e) relevant publications and guidance, for e.g., on environmental standards and obligations; and
- f) information on formal EMS(s), for e.g., BS EN 14001 or EMAS.

Using the information gathered from the inputs, the organization should:

- 1) recognize the specific drivers for the organization to implement an EMS;
- 2) identify potential benefits and barriers;

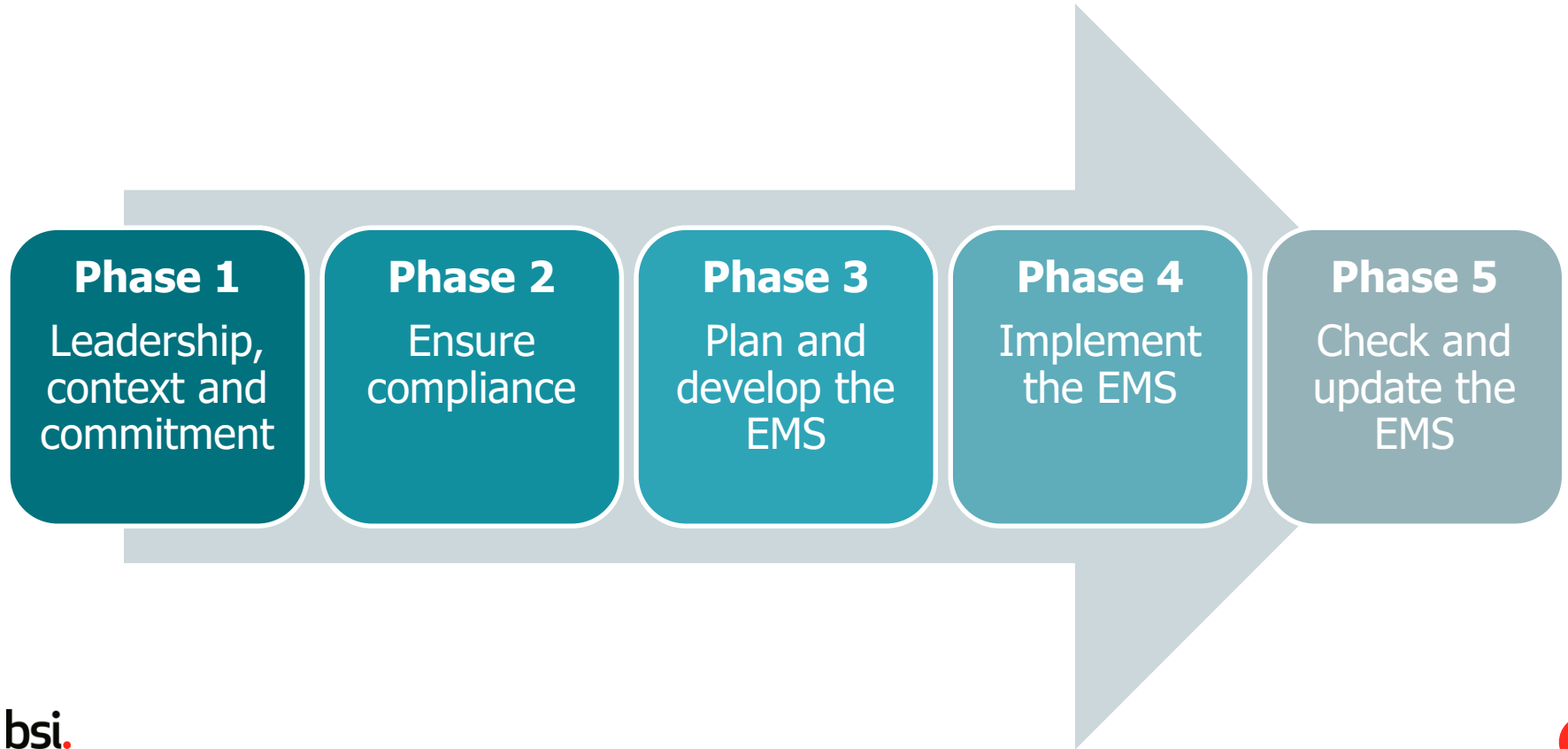
# Example Stage Profile (Cont.)

## 5.1.4 Example outputs

The following are example outputs that should be achieved from phase 1, stage 1:

- a) a clear statement of commitment and allocation of any required resources;
- b) commencement of EMS implementation; and
- c) establishment of a formal EMS implementation team.

# Phased Approach



# Guidance

## Phase 1 – Leadership, context and commitment

- Stage 1 – Top management commitment and leadership
- Stage 2 – Establish the organization's context
- Stage 3 – Undertake a baseline assessment
- Stage 4 – Processes for developing an environmental policy
- Stage 5 – Develop awareness and competence
- Stage 6 – Determine data requirements
- Stage 7 – Plan for the establishment and improvement of the EMS

# Guidance

## Phase 2 – Ensure compliance

- Stage 1 – Identify relevant compliance obligations
- Stage 2 – Evaluate compliance
- Stage 3 – Manage compliance

# Guidance

## Phase 3 – Plan and develop the EMS

- Stage 1 – Finalise roles and responsibilities
- Stage 2 – Determine significant environmental aspects
- Stage 3 – Identify risks and opportunities
- Stage 4 – Finalise the environmental policy
- Stage 5 – Develop environmental objectives
- Stage 6 – Plan for achievement of environmental objectives
- Stage 7 – Monitor, measure, analyse and evaluate environmental performance



# Guidance

## Phase 4 – Implement the EMS

- Stage 1 – Operational controls
- Stage 2 – Value chain controls
- Stage 3 – Emergency preparedness and response
- Stage 4 – Competence management
- Stage 5 – Awareness raising
- Stage 6 – Establish communication programme
- Stage 7 – Manage documented information

# Guidance

## Phase 5 – Check and update the EMS

- Stage 1 – Establish internal audit programmes
- Stage 2 – Correct nonconformities
- Stage 3 – Management review
- Stage 4 – Improve the EMS and environmental performance



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