



Environmental Management Systems

Purpose and benefits of an EMS

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Content

- **Purpose and benefits of an EMS**
- **Basic concepts of ISO 14001**
- **ISO 14001: EMS requirements**
- **Policy exercise**
- **The initial environmental review**
- **Case study**



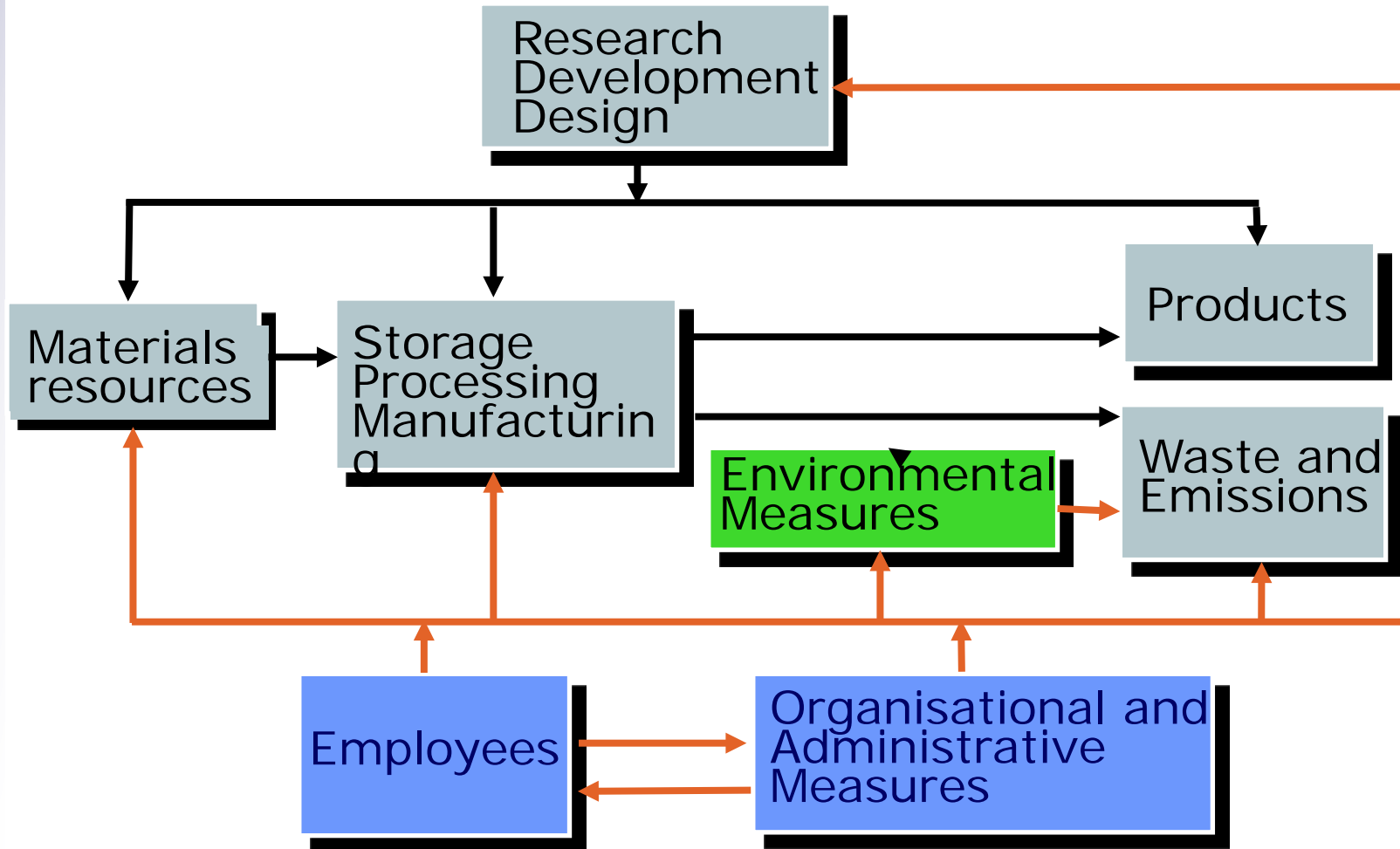
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Visualising an EMS



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Objectives of an EMS

- **Structured approach to deal with environmental responsibilities**
- **Control of significant environmental aspects**
- **Compliance with legislation**
- **Improvement of environmental performance**
- **Fulfil environmental expectations of interested parties**

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Why environmental management?-1

- **Legislation and enforcement**
 - *Compliance*
 - *Liability*
 - *Investments*
 - *Clean up costs*



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Why environmental management?-2

- **Pressure from interested parties**
 - *Financial institutions:*
 - *Banks, insurance companies*
 - *Shareholders, employees*
 - *Local community*
 - *Environmental interest groups, consumers, general public*



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Why environmental management?-3

- **Awareness, image, reputation**
 - **Corporate image:**
 - *Publicise performance progress*
 - **Prevent impact on business:**
 - *Liability, cost,*
 - *business interruption,*
 - *negative publicity,*
 - *damage to image*



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Why environmental management?-4

- **Competitiveness**
 - *Environmental cost*
 - *Meeting customers' expectations*
 - *Compliance with national and international performance and system standards*

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Why environmental management?-5

- **Finance**
 - *Cost savings*
 - *Reducing taxes / levies*
 - *Controlling liabilities*
 - *(acceptance criterion from banks and insurance companies)*

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Risks / Opportunities

Risks:

- 1. Loss of access to markets*
- 2. Loss of competitive position*
- 3. Loss of reputation*
- 4. Government penalties and controls*

Opportunities:

- 1. Commercial*
- 2. Cost savings*
- 3. Company image*

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