



MANAGING RISK

# Information Security Management Systems (ISMS)



## Checking and Management Review

# Methods of checking

- **Detecting errors during processes**
- **Monitor attempts of breaches**
- **Check whether activities are being done in accordance with “PLAN”**
- **Pro-active monitoring of trends to avoid occurrence**
- **Effectiveness of planned corrective actions**

# Methods of checking

- **Implement improvement programs or points**
- **Plan appropriate corrective actions and preventive actions**
- **Communicate the action points to the interested participants**
- **Ensure the intended results are obtained after the actions are implemented**

# Methods of checking

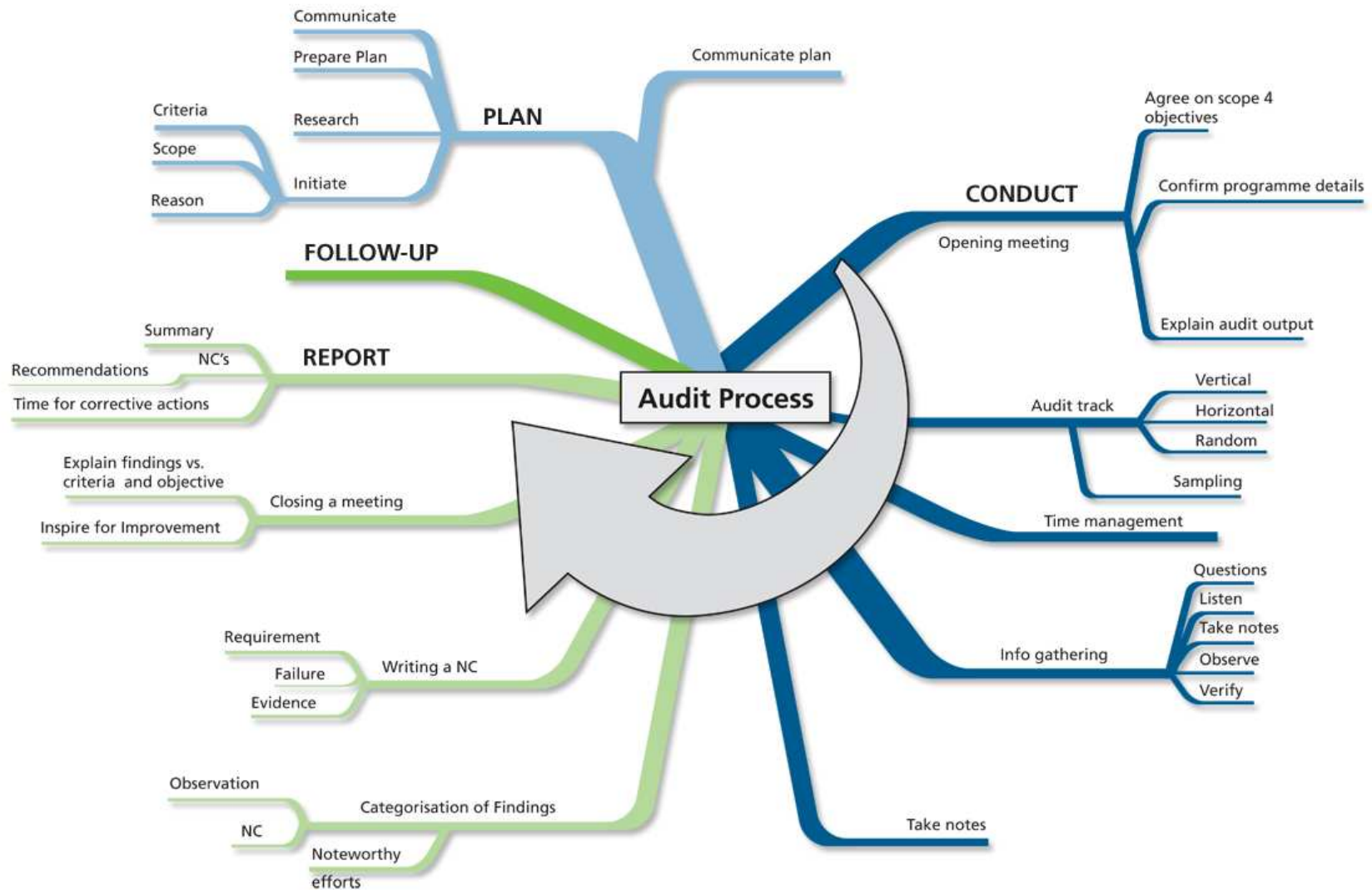
- **Conducting Internal audits**
- **Regular review of risk assessments**
- **Check at new incidences, technological trend, changes in new requirements**
- **Conducting management review**
- **Update plans after review**

- **Scope and policy defined for planning & implementing ISMS**
- **Results of internal audits**
- **Feedback from interested parties**
- **Processes or tools to improve the efficiency of security practices**
- **Any changes that could effect ISMS**

# Management review

- **Status of corrective and preventive actions**
- **Results of effective verification and future action plans**
- **Follow-up action points from previous action plans**

# The audit process – ISO 19011 approach



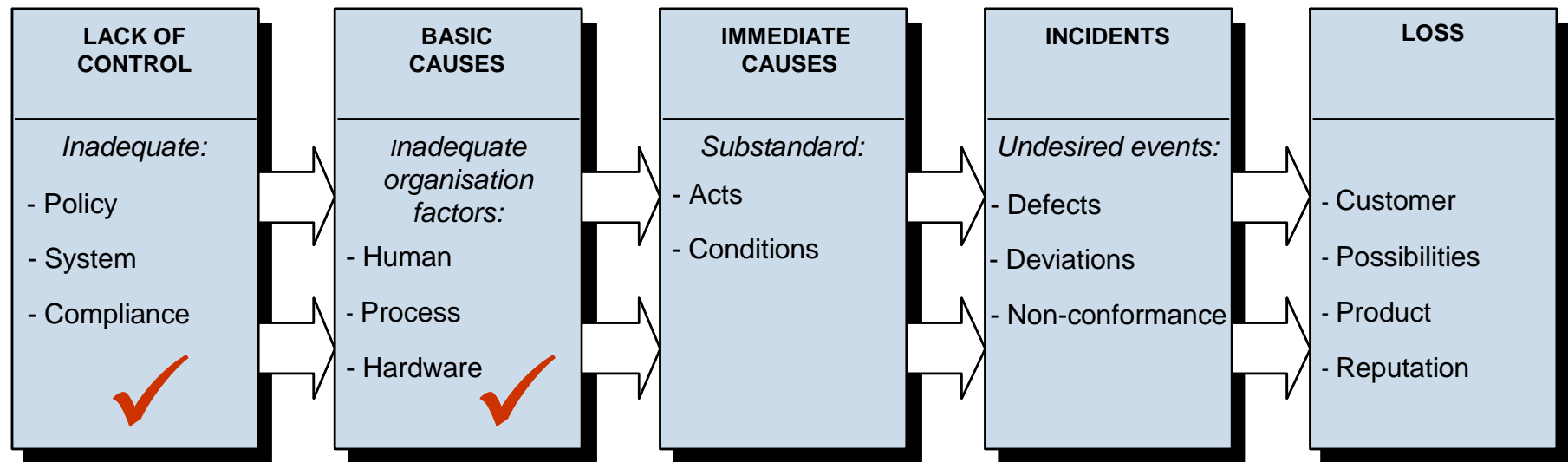
# Checklist example...

ACTIVITY :		REFERENCES :	DATE:	DATE:
Item	Requirement / question	Resp/Ref.	Findings	✓/x

# Findings report

<b>AUDIT – FINDING REPORT</b>		<b>Date:</b>
<b>Company/Department:</b>		<b>Ref Number:</b>
<b>Area under review:</b>		
<b>Focus/Risk Area:</b>		
<b>Category:</b> Non-conformity - Major / Minor	Observation	Note worthy effort
<i>* circle one</i>		
<b>Requirement:</b>		
<b>Clause No:</b>	<b>Control No:</b>	
<b>Failing:</b>		
<b>Evidence:</b>		
<b>Action:</b>	<b>Close Date:</b>	
<b>Auditor:</b>		

# DNV Loss Causation Model





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