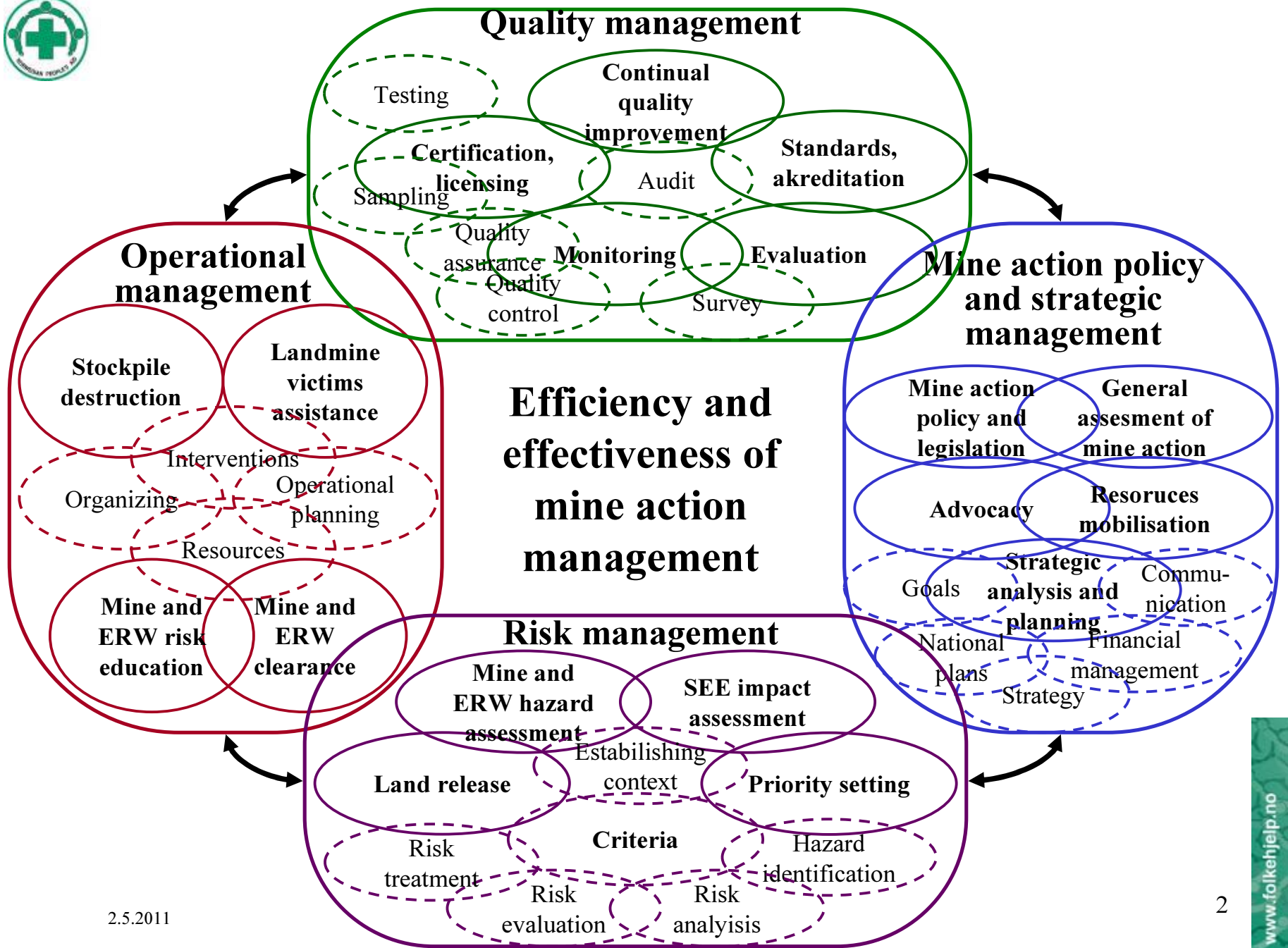




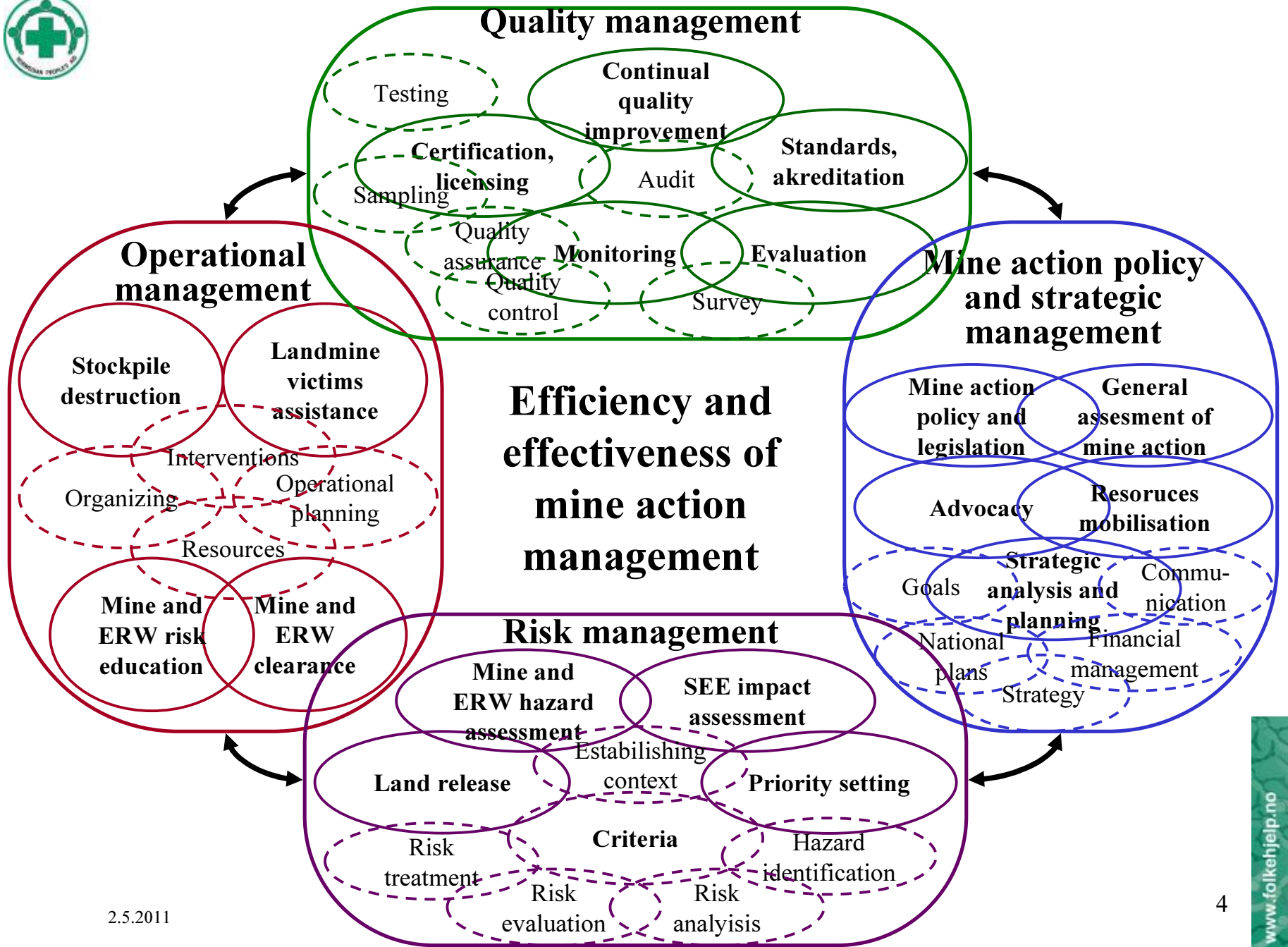
The relationship between risk management and quality management in mine and ERW clearance

Darvin Lisica



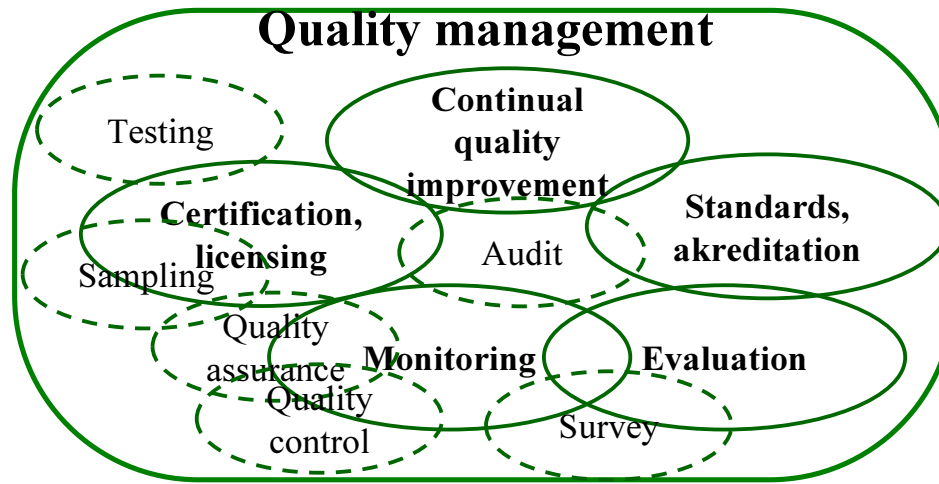


- Guide for the application of International Mine Action Standards. IMAS 01.10. Second Edition 01 January 2003.
 - ⊕ 9. Quality and risk management, p. 5.
 - “*IMAS have been developed in line with the recommendations and processes contained within the ISO Quality Management systems...*”
 - “*Elements of these systems are contained within the majority of IMAS, thereby making the IMAS themselves an integrated risk and quality management system.*”
 - “*There is still a requirement, however, for NMAA and mine action organizations to develop their own specific individual risk and quality management systems.*”
 - ⊕ Guide to risk management and IMAS, p. 12
 - “*It must be emphasized that quality is NOT a synonym for safety, and consequently the respective roles of quality management and risk management should not be confused.*”
 - “*The success of humanitarian demining is dependent on the integrated application of both quality management and risk management principles and procedures.*”



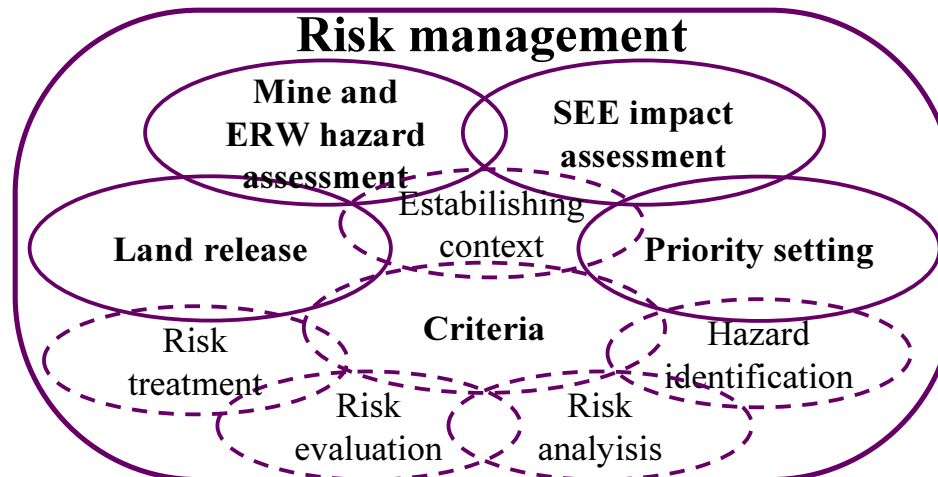


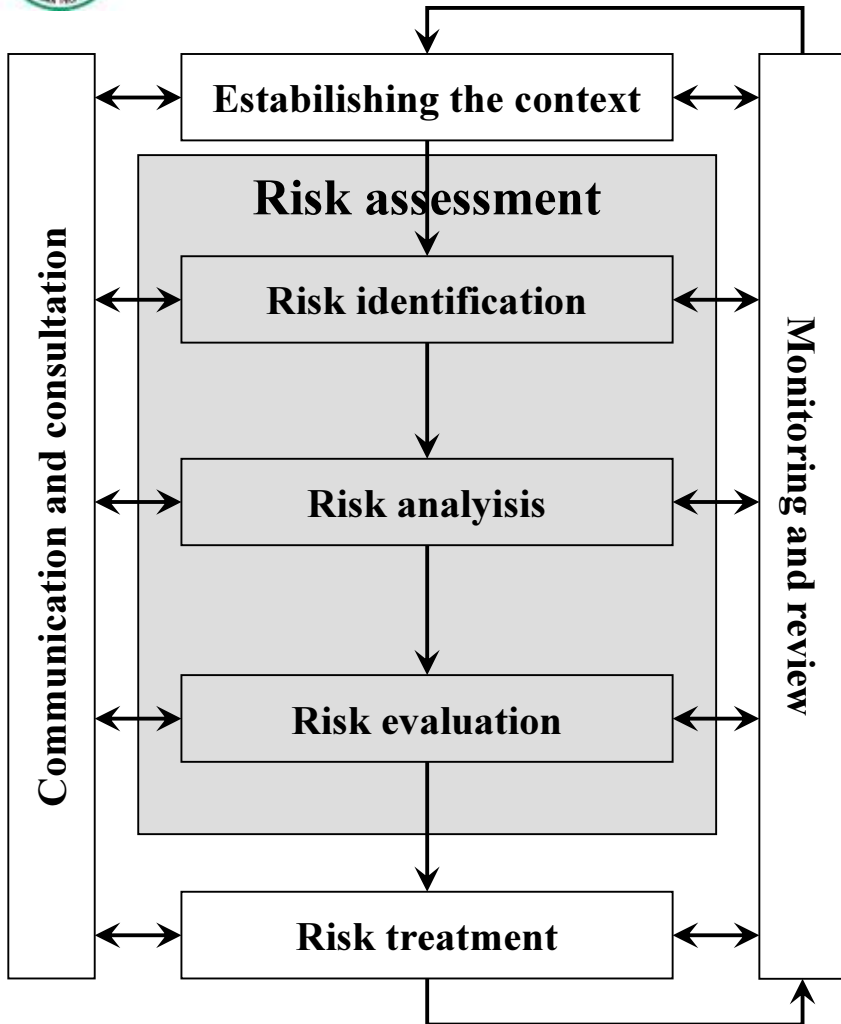
*Users
confidence*



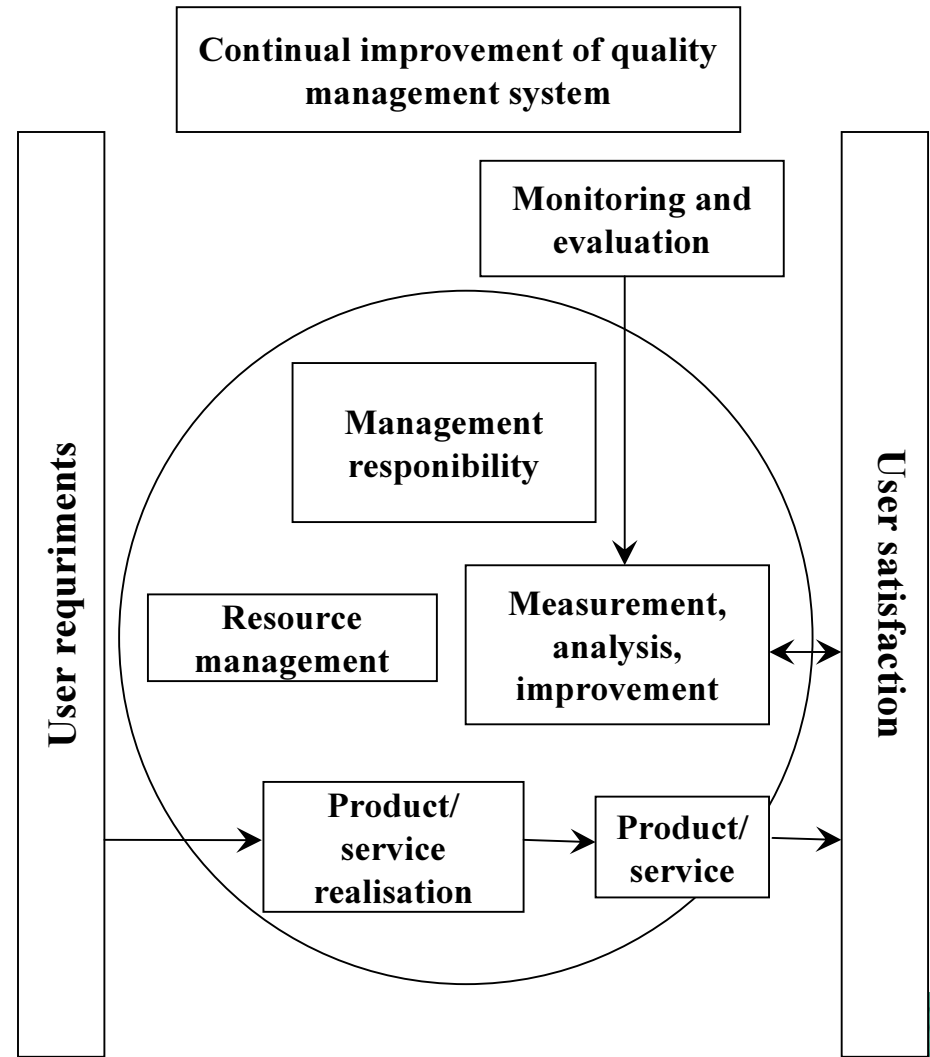
Efficiency and effectiveness of mine action management

*Users
needs*





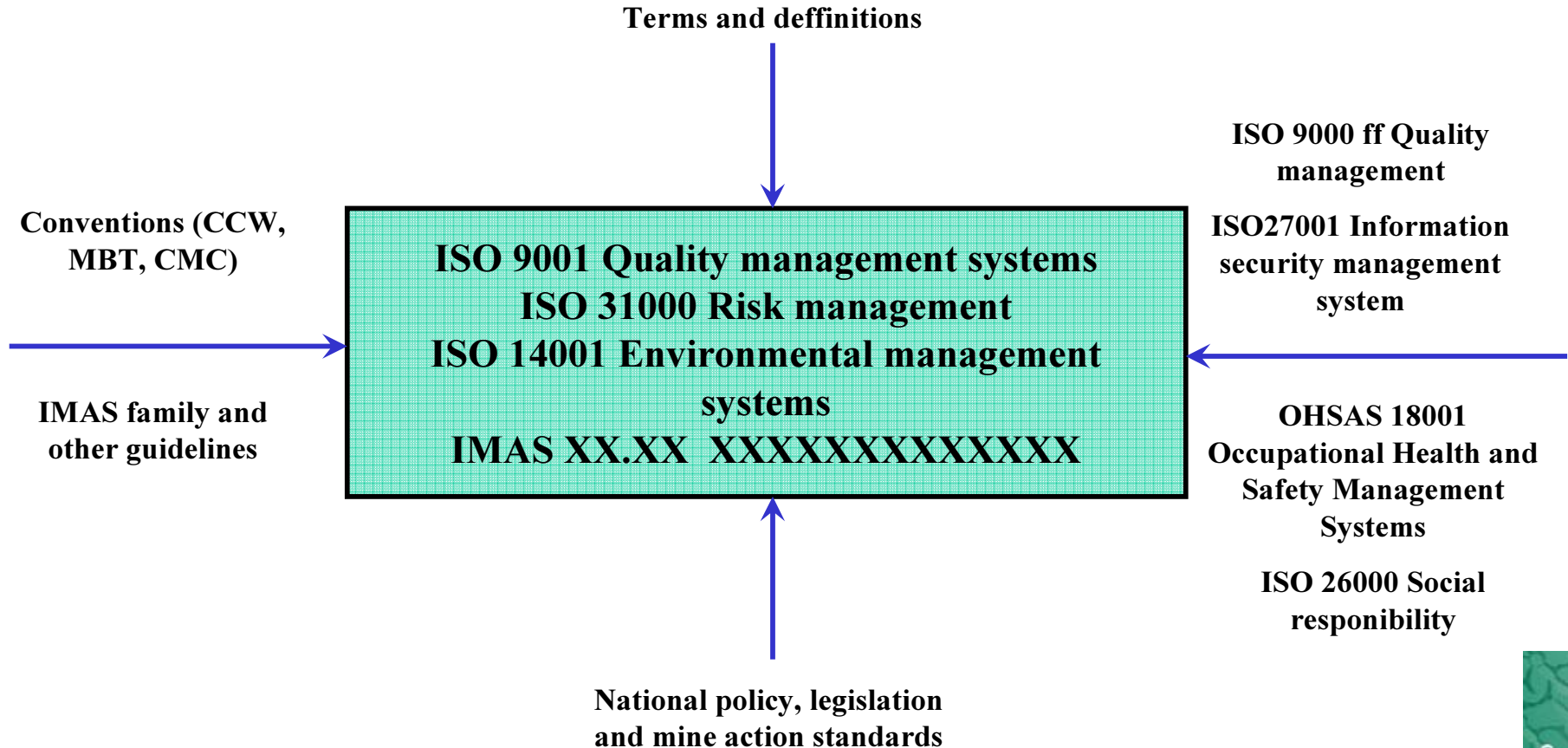
***ISO 31000:2009 Risk management
– Principles and guidelines***



***ISO 9001:2009 Quality
management systems –
Requirements***



Integrated quality and risk management normative framework



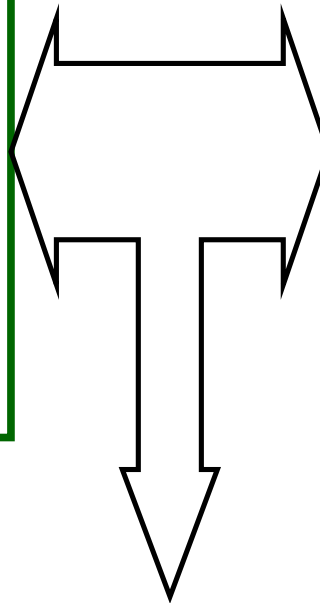


Risk management

- more focus on:
 - ⊕ users needs and priorities
 - ⊕ potential efficiency of utilizing of resources and
 - ⊕ potential effectiveness of results

Quality management

- more focus on:
 - ⊕ users confidence
 - ⊕ efficiency of utilizing of resources and
 - ⊕ effectiveness of results



Their coherent development and connections are necessary precondition for efficiency and effectiveness of mine action, and precondition for **satisfaction of user of released land as ultimate objective of mine action management.**