

حكومة دبي
GOVERNMENT OF DUBAI



مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION

INTEGRATING GLOBAL STANDARDS for HUMAN KNOWLEDGE and AI

- a preview of the MBRF Manual for ISO Integrated Knowledge Management, Innovation and
AI Standards



MBRF

VISION MISSION & GOALS

Vision: A Global Leader in knowledge and development

Mission: Aim to spread knowledge globally to develop communities by improving the quality of education, support, scientific research and entrepreneurship

Goals:

- Develop the intellectual and cultural role of the Arabic language
- Develop knowledge related human capital
- Enhance the level of scientific research
- Foreseeing and promoting innovation and knowledge entrepreneurship
- Enhancing the level of institutional performance and sustainable development



Integrated Management System Standards



INTRODUCTION & AGENDA



Ron Young

- What do we mean by the integration of ISO Management System Standards (MSS)
- Why integrate Management System Standards
- How will we benefit as knowledge and AI driven organisations and knowledge professionals
- A preview of the MBRF Integration Manual - High Level Structure
- Group discussion on structure, readiness, requirements and assessment tools



INTRODUCTION & AGENDA



Ron Young

- What do we mean by the integration of ISO Management System Standards (MSS)
- Why integrate Management System Standards
- How will we benefit as knowledge and AI driven organisations and knowledge professionals
- A preview of the MBRF Integration Manual - High Level Structure
- Group discussion on structure, readiness, requirements and assessment tools



ISO DEFINITION OF A MANAGEMENT SYSTEM

“A set of interrelated or interacting elements of an organization to establish policies and objectives and processes to achieve those objectives.”

“The foundational principle of a management system is an **understanding of the context in which an organization operates.”**





ISO DEFINITION OF A MANAGEMENT SYSTEM

“The management system should be **documented** to ensure continual improvement activities and **retention of organizational knowledge**.”

An organization that follows and improves its management system will likely achieve performance improvements faster than those that continue to follow ‘business as usual’ without regularly identifying prioritizing and implements improvements.”





ORGANIZATIONAL MANAGEMENT SYSTEM

- Have you defined the scope of your management system?**
- What are the internal issues affecting your management system?**
- What are the external issues affecting your management system?**
- How is your management system documented?**





INTRODUCTION & AGENDA



Ron Young

- What do we mean by the integration of ISO Management System Standards (MSS)
- **Why integrate Management System Standards**
- How will we benefit as knowledge and AI driven organisations and knowledge professionals
- A preview of the MBRF Integration Manual - High Level Structure
- Group discussion on structure, readiness, requirements and assessment tools



THE NEW CURRENCY FOR THE 21ST CENTURY

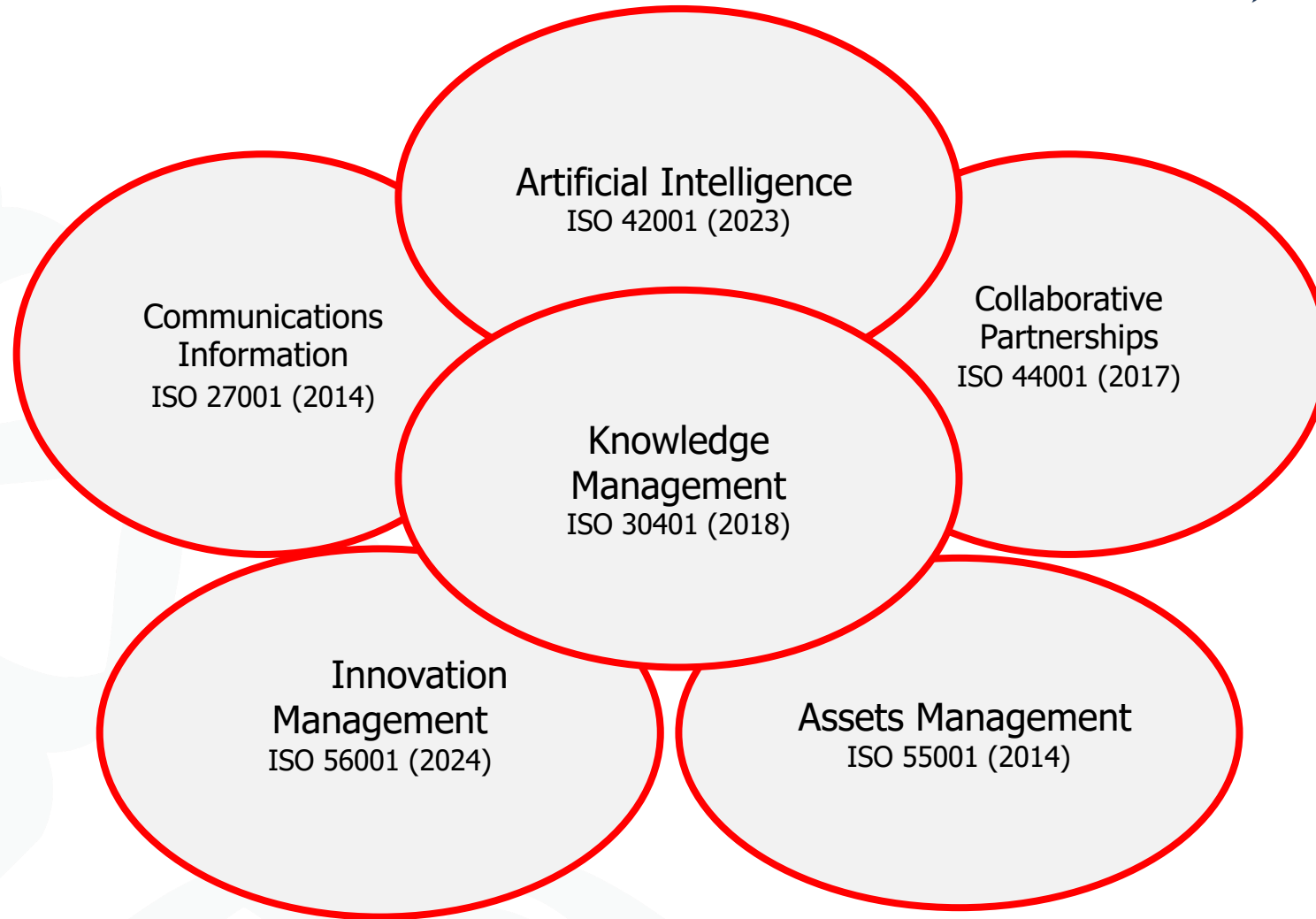
Communications, Collaboration,
Learning, Knowledge & Intelligence,
Creativity & Innovation,
Integrated Assets



EU AI ACT 2024



1. **Risk-Based Approach**: Classifies AI systems into different risk categories (unacceptable, high-risk, limited risk, and minimal risk) based on their potential to cause harm.
2. **Strict Rules for High-Risk AI**: Imposes strict requirements and obligations for high-risk AI systems, such as transparency, human oversight, robustness, and accuracy.
3. **Prohibitions on Certain AI**: Bans AI systems that pose unacceptable risks, like those that manipulate human behaviour, enable social scoring, or exploit vulnerable groups.
4. **Governance and Enforcement**: Establishes governance structures, including an AI Board and national competent authorities, to monitor and enforce compliance.
5. **Harmonized Standards**: Aims to create a harmonized regulatory environment for AI across the EU, facilitating the development and adoption of trustworthy AI.
6. **International Alignment**: Encourages the development of international standards and cooperation with other countries and organizations to promote AI governance globally.



POTENTIAL TO INTEGRATE STANDARDS

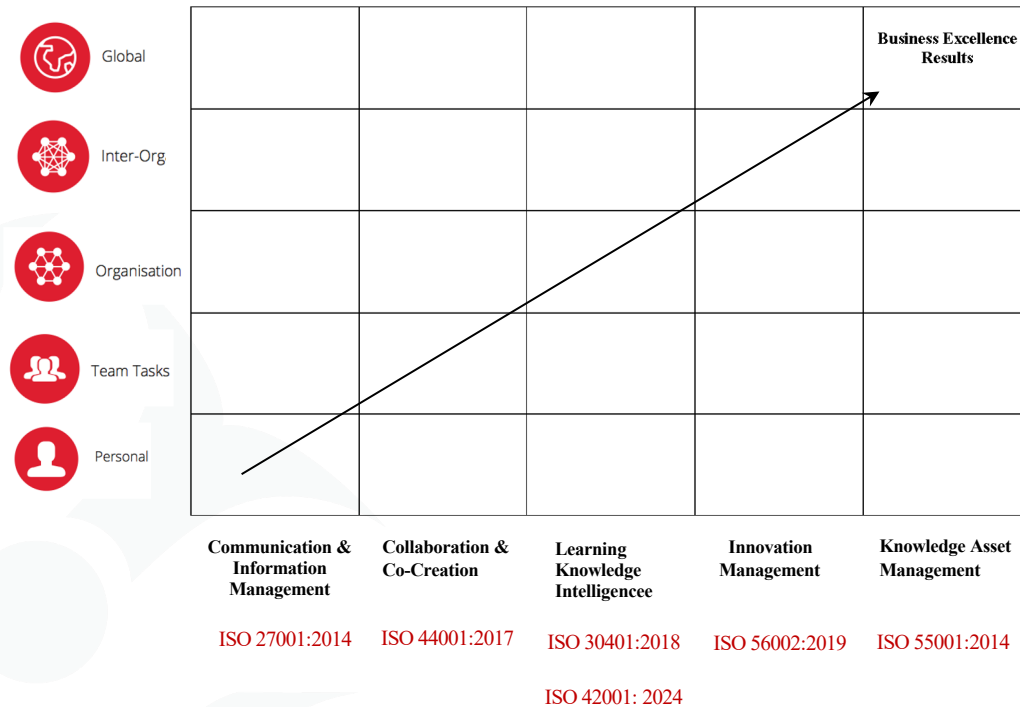


EXAMPLE OF A FAMILY OF MANAGEMENT SYSTEM STANDARDS

- ISO 56000:2020 – Innovation Management Fundamentals & Vocabulary
- ISO 56001:2024 – Innovation Management Requirements
- ISO 56002:2023 – Innovation Management Guidance
- ISO 56003:2019 – Innovation Management Tools & Methods
- ISO 56004:2019 – Innovation Management Assessment

INTEGRATED MANAGEMENT SYSTEMS FRAMEWORK

THOUGHT LEADERSHIP





INTRODUCTION & AGENDA



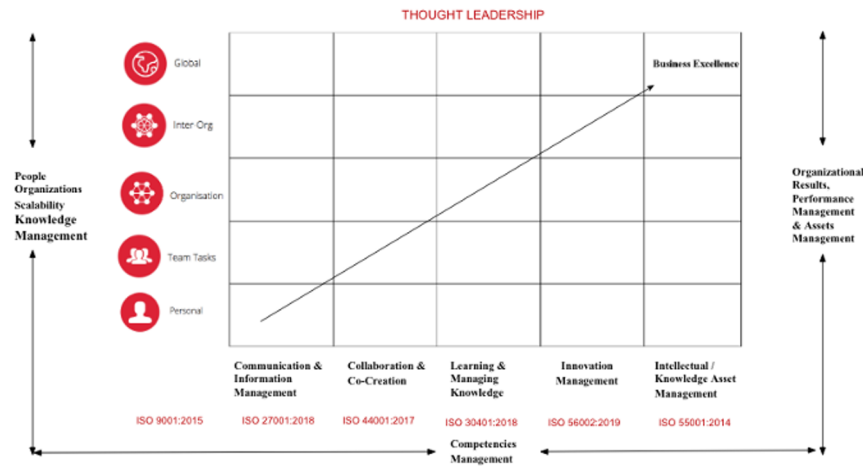
Ron Young

- What do we mean by the integration of ISO Management System Standards (MSS)
- Why integrate Management System Standards
- **How will we benefit as knowledge and AI driven organisations and knowledge professionals**
- A preview of the MBRF Integration Manual - High Level Structure
- Group discussion on structure, readiness, requirements and assessment tools



IMPACT CAPABILITIES OF A KNOWLEDGE WORKER

KA FIVE DIMENSIONS FRAMEWORK



1. Problem solving ✓
2. Critical thinking ✓
3. Creativity ✓
4. Communication ✓
5. Collaboration ✓
6. Research ✓
7. Organization ✓
8. Adaptability ✓

UN SUSTAINABLE DEVELOPMENT GOALS





INTRODUCTION & AGENDA



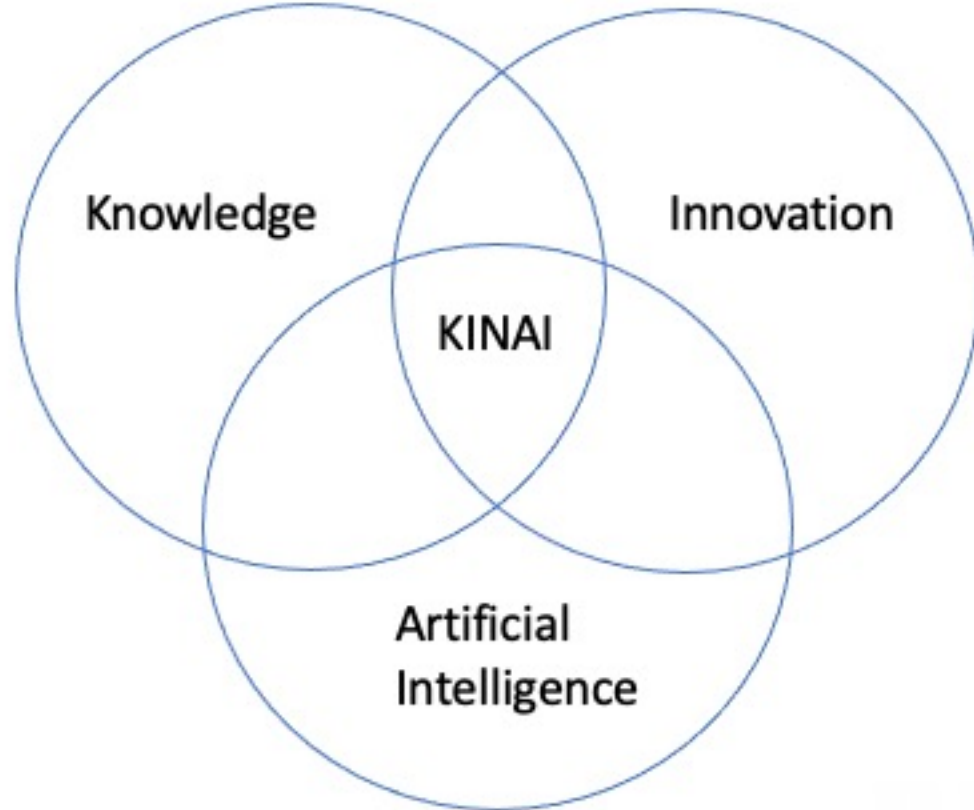
Ron Young

- What do we mean by the integration of ISO Management System Standards (MSS)
- Why integrate Management System Standards
- How will we benefit as knowledge and AI driven organisations and knowledge professionals
- **A preview of the MBRF Integration Manual - High Level Structure**
- Group discussion on structure, readiness, requirements and assessment tools

حكومة دبي
GOVERNMENT OF DUBAI



مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION



حكومة دبي
GOVERNMENT OF DUBAI



مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION



مبادرات محمد بن راشد آل مكتوم العالمية
Mohammed Bin Rashid
Al Maktoum Global Initiatives



مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION

Draft Integrated Knowledge Management,
Innovation Management and Artificial
Intelligence Manual

KINAI

ISO 30401:2018
ISO 56001:2024
ISO 42001:2023

V.1



MBRF KMS Manual

ISO 30401:2018

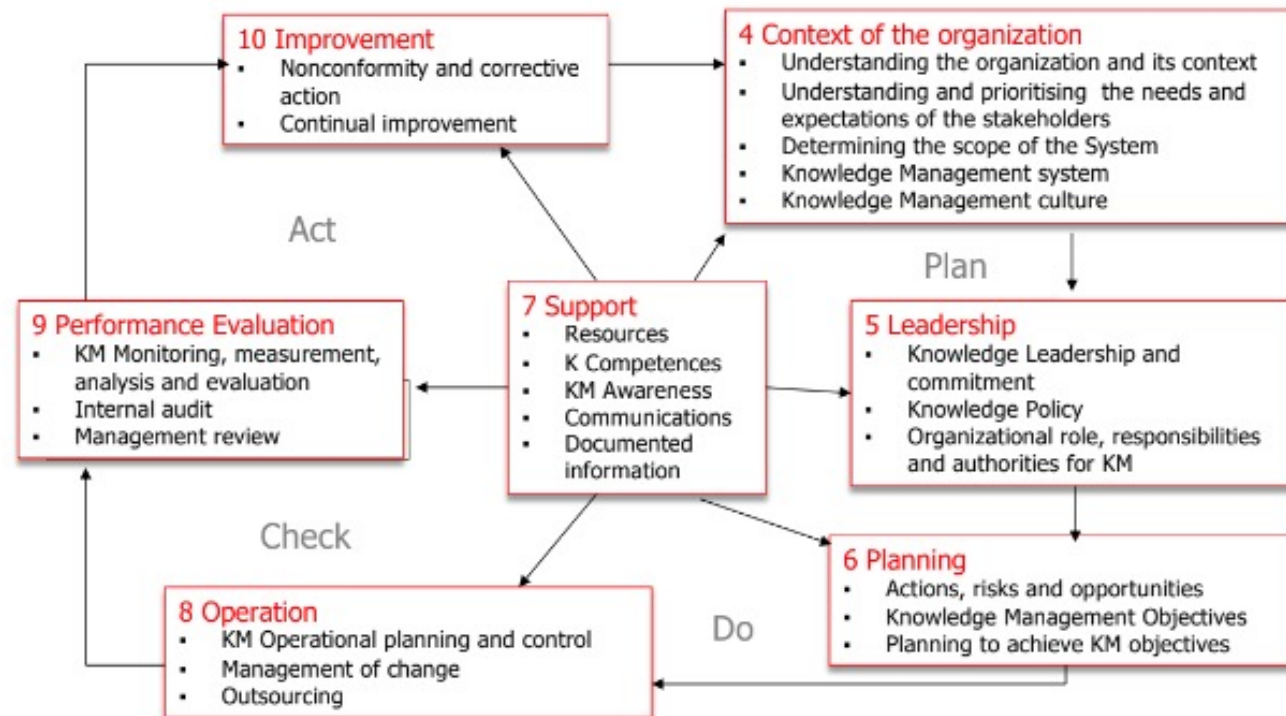
Table of Content

- 4. Context
- 5. 4.1 Analysis of the internal and external environment
- 4.2 Analysis by interested parties
- 4.3 Knowledge Management System
- 4.4 Knowledge Management system and processes
- 5. Leadership
- 5.1 Leadership and commitment
- 5.2 Knowledge Management Policy
- 5.3 Organizational roles, responsibilities and powers
- 6. Planning
- 6.1 Procedures for identifying and dealing with opportunities and risks
- 6.2 Knowledge Objectives
- 6.3 Planning for change
- 7. Support
- 7.1 Resources
- 7.2 Competency
- 7.3 Awareness-raising
- 7.4 Communications
- 7.5 Documented information
- 8. Operation
- 9. Performance Evaluation
- 9.1 Monitoring, measurement, analysis and evaluation
- 9.2 Internal auditing on the knowledge management system
- 9.3 Management review
- 10 Improvement
- 10.1 Nonconformity and corrective action
- 10.2 Continuous improvement
- 11 The References
- 12 Appendix





ISO 30401 KM SYSTEM STANDARD (MSS)





BENEFITS OF INTRODUCING THE MANUAL

- Better 'living' documentation
- Mindset Change towards a more holistic management system
- More proactive Annual Management Reviews
- Global principles, requirements and practices towards compliance
- Reduced costs
- Compliance and ISO Certification, if required



HOW MBRF PARTNERSHIPS COULD ASSIST?

- Readiness Assessment?
- Strategy & Policy Development?
- Awareness and Competence Development?
- Implementation?
- Towards ISO Certification?
- Community of Practice?



INTRODUCTION & AGENDA



Ron Young

- What do we mean by the integration of ISO Management System Standards (MSS)
- Why integrate Management System Standards
- How will we benefit as knowledge and AI driven organisations and knowledge professionals
- A preview of the MBRF Integration Manual - High Level Structure
- **Group discussion on structure, readiness, requirements and assessment tools**



ETHICAL PRINCIPLES,
INTEGRATED STANDARDS,
THOUGHT LEADERSHIP &
KNOWLEDGE PLATFORMS,
ARE MASSIVELY
TRANSFORMATIVE



HUMAN KNOWLEDGE & AI

THOSE ORGANIZATIONS THAT MANAGE
THEIR KNOWLEDGE, INNOVATION AND AI
ASSETS WISELY WILL LEAD THE 21ST
CENTURY

حكومة دبي
GOVERNMENT OF DUBAI



مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION

Understanding the Global Knowledge and AI Driven Economy

New Knowledge & AI Economics

Knowledge &
AI Leadership

Knowledge &
AI Competencies

Knowledge &
AI Assets

Knowledge &
AI Platforms

Human Knowledge & Digital Transformation

THE GLOBAL KNOWLEDGE AND AI DRIVEN ECONOMY BOOK

حكومة دبي
GOVERNMENT OF DUBAI



مؤسسة محمد بن راشد آل مكتوم للمعرفة
MOHAMMED BIN RASHID AL MAKTOUM
KNOWLEDGE FOUNDATION

INTEGRATING GLOBAL STANDARDS for
HUMAN KNOWLEDGE and AI

THANK YOU