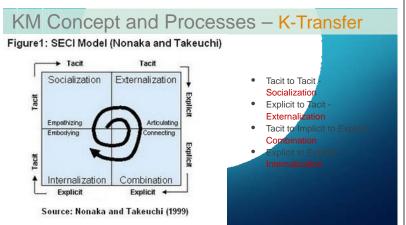
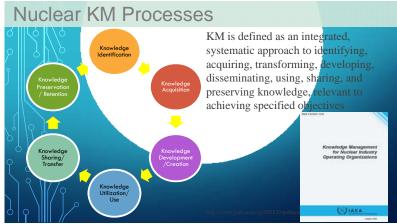
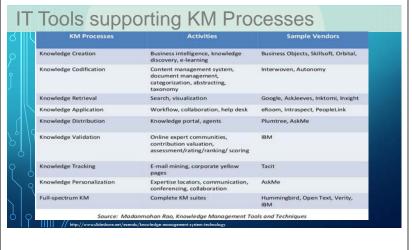


## Structure of Presentation

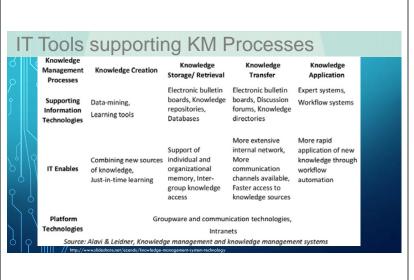
- Introduction
- KM Concepts and Processes
- IT Tools supporting KM Processes
- IAEA Recommendations: KM Tools
- Nuclear Malaysia: KM Tools Analysis
- IT Tools for KM in Nuclear Malaysia
- Ms SharePoint Implementation
- Conclusion





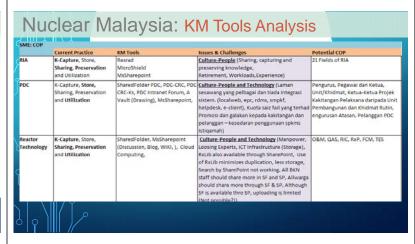


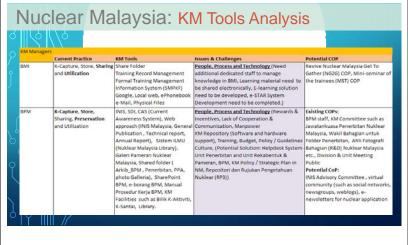
	Category	Dominating Knowledge Conversion Process	Origin of Concepts	Example
	Intranet Based Systems	Combination	Computer Networks (Web Technology)	Microsoft Internet Information Server
	Electronic Document Management	Combination	Information Science	Excalibur Retrieval Ware and File Net
	Groupware	Externalization	CSCW (Computer Supported Cooperative Work)	Lotus Notes and Microsoft Exchange
	Workflow	Externalization	Organisation and Methods	ARIS Toolset (IDS Scheer)
	Knowledge Base Systems	Externalization	Artificial Intelligence	Neugents (Computer Associates)
(	Business Intelligence	Combination	Database Management	Business Objects
	Knowledge Map	Socialization	Information Science and Human Resource Management	Gingo (Trivium) and Lotus Discovery Server
١	Innovation Support Tools	Internalization	Innovation and Technology Management	Invention Machine
$\setminus$	Competitive Intelligence Tools	Combination	Strategic Management and Information Science	Knowledge Works (Cipher Systems) and Vigipro (CRIQ/CGI)
l	Knowledge Portals	Socialization, Externalization and Combination	Computer Networks and Information Science	Digital Dashboard (Microsoft), Lotus k-station and Sopheon



IAEA Red	commendation	ons: KM Too	ols
KM ANALYSIS TOOLS	KNOWLEDGE CAPTURE TECHNIQUES	SOCIAL INTERACTION AND KNOWLEDGE SHARING TECHNIQUES	IT TOOLS
KM maturity self- assessment     Knowledge loss risk assessment     Identification of critical knowledge     Rapid evidence review	Interview techniques Laddering and concept mapping Process mapping Observation Constrained tasks - structured interviews, self- assessment questionnaires, quizzes and guessing games Concept sorting	Communities of practice Peer assist Knowledge marketplace - 'dating service' (face-to-face, on-line or via email) After action review Knowledge café	Document and content management systems     Explicit knowledge search/retrieval     Knowledge base systems     Portals     Collaboration and social networking tools     Skills/competency management systems

IAEA	Reco	omme	ndatio	ns: K	M Tools	3	
MITIGATING SINGLETON RELIANCE	IMPROVING INNOVATION	DEVELOPING COLLABORATION RELATIONSHIPS AND PARTNERSHIPS	MAKING THE BEST USE OF AVAILABLE FUNDS	MAINTAINING AND DEVELOPING STAFF COMPETENCE	PROTECTING INTELLECTUAL PROPERTY	DELIVERY OF NUCLEAR EDUCATION	COMPLIANCE WITH NUCLEAR LEGISLATIVE REQUIREMENTS
Identification of critical knowledge; through the critical knowledge; Knowledge loss risk casesument; Succession planning; Total knowledge loserth/find; Total knowledge search/find; Ti total to facilitate the sichniques above.	- Communities of procisics (CoP1); - Knowledge base systems; - Esplicit knowledge search/finds; and social networking teels; - Ropid evidence reviews; - Peor casts; - Knowledge cofé.	Commoites of procedure of procedure of procedure of procedure of social networking tools; — Ropid evidence reviews; — Ropid evidence reviews; — Peer casist; — Knowledge café; — Knowledge marketplace.	All—but with a trageted approach to oddress areas of inefficiency.	Competency fromeworks,  Skilly Competency menagement of  Market Competency menagement  Market Compe	- Identification of critical two-ledge; Knowledge   common   co	— Esplich knowledge knowledge search/find; — If tools such as portals and collaboration tools.	- Competency fromeworks,  - Skilly/competency management of state between the state of state
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KM Manag	Current Practice	KM Tools	Issues & Challenges	Potential COP
RIMC	K-Capture, Store, Sharing and Utilization	eScienceFund Systems Research & Development Management (RDMS) Systems Shared Folder Sharepoint eSEMS	People, Process and Technology (Lack of awareness (work in silo), Lack of facilities — PC, Not familiar with KM, Lack of continuity, Lack of support/guidance from the relevant department).	Hari Inovasi – Open Day (public), IP Showcase, Expert Talk
Т	K-Capture, Store, Sharing and Utilization	eSEMS, eAttandance, ePunchCard, IT Helpdesk, Bloweb, Kamus Nuklear Intranet (Localweb), ePhoneBook, Localweb, Shared Folder, SharePoint, eMail, Wiki Internet, (Blog, Forum, Social Network).	People. Process and Technology (Less structured work processes Less structured knowledge. Less structured knowledge. Less people knowl-how and know-why, Less quality of knowledge preservation (lack of writing skill and afraid of writing knowl-how and knowl-why))	Computer and IT Security : ITERT, GRID Computing COP, KM Tool COP, Business Intelligence (BI) COP.

