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Data	Data management	- raw data (internal) - solicited data (external) - processed data	- autonomic QA - internal & external data mining - autonomic data processing	Potential area for international collaboration
Documents	Document management	- internal documents - key external documents	 robust archive autonomic QA / cataloguing / cross- referencing 	Electronic archiving critical problem area
Software	Software management	- archive of all relevant codes / databases - archive of manuals & handbooks - archive of relevant output	robust archive autonomic change management formal approaches for QA	Electronic archiving critical problem area
Experience & methodology	Resource management	- procedure manuals & guidebooks - expert systems - training materials	 use of expert systems to preserve experience training approach for the next generation 	Much of requirements could be addressed by national (regional?) training centre
Synthesis	Knowledge integration	- experienced synthesis team - expert systems	- description of key integration processes - approach to QA	Needs considerable development to automate
Guidance	Knowledge coordination	- experienced coordination team	 prediction of requirements (Think tank) process for filling key gaps in knowledge 	Very difficult to automate
Presentation	User / producer dialogue	- user friendly interfaces (interactive – allowing dialogue)	 high-end graphical methods for presenting complex information 	Should be tailored to needs of different stakeholders



































