

THE STRUCTURE OF PHYSICS-KNOWLEDGE CONTINUUM : FROM QUARK TO KNOWLEDGE

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Physical Reality	(in between)	Knowledge and beyond
Quark to molecular level	Molecular level to Complex System	Knowledge – Wisdom and beyond : http://mobeeknowledge.ning.com/forum/topics/we-are-the-knowledge-hybrid
Nature		Nurture
Probability-oriented (Statistical Method)		Possibility-oriented (System Dynamic)
Basic Sciences domain : http://delicious.com/mobeeknowledge/science	Applied Sciences domain	Knowledge Management (KM) domain : http://delicious.com/mobeeknowledge/knowledgemanagement
Science : systematic observation to discover facts and to formulate laws and principles		Knowledge : evolved as emergent behavior within human body as complex system, having consciousness and free will (mind and value) as well as behaving dynamically as <u>Subject</u> - http://mobeeknowledge.ning.com/forum/topics/we-are-the-knowledge-hybrid
Science incl. Data & Information as Object : making people well informed	http://mobeeknowledge.ning.com/forum/topics/2090583:Topic:1844	Knowledge as Subject : making people knowledgeable & wisdom
Simplicity	(Time, Space and Context dependency)	Complexity
<ul style="list-style-type: none"> Hormonal and Enzymatic Protein : locus of Biological Senses 	<ul style="list-style-type: none"> Brain : locus of Mind : http://mobeeknowledge.ning.com/forum/topics/road-mapping-the-implications - see the Attachment p.2 	<ul style="list-style-type: none"> Brain : locus of Mind DNA : locus of Consciousness and Value <p>(after Singularity between Human Mind and Technology reaching its peak (in 2012 ?), it will be the "Jump Time" for us to make "Great Turning" from the BRAIN as locus of <u>Mind</u> to the DNA as locus of <u>Consciousness and Value</u>)</p>
Quantum Mechanic	Non Human Complex System	Human Complex (Adaptive) System
Indeterminacies with		Unpredictable (source of ignorance) but

predictability and uncertainty principle (Heisenberg)		with determinacies (if ignorance becoming knowledge) as emergent behavior
	3 types of Well Informed people : <ul style="list-style-type: none"> • Experience • Learner • Scientist 	3 types of Knowledgeable people : <ul style="list-style-type: none"> • Management of Chaos • Life at the edge of Chaos (learning effectively) • Expert and Professional http://mobeeknowledge.ning.com/forum/topics/creativity-innovation-and
Logical depth as Crypticity		Effective Complexity
Unified Quantum Field Theory – derived from Superstring Theory		<ul style="list-style-type: none"> • Knowledge treated as Subject Theory : http://mobeeknowledge.ning.com/forum/topics/road-mapping-the-implications • Next Generation of KM : http://mobeeknowledge.ning.com/forum/topics/next-generation-of-knowledge
Sufficiently coarse grained (level of detail) to display decoherence (the absent of interference terms) = Unstructured Data & Information		Becoming context dependent and as a subject or subjective = Structured Knowledge

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THE FUNCTION OF PHYSICS-KNOWLEDGE CONTINUUM : With emphasize on Personal Knowledge Management (PKM) and Big KM usage

By : Md Santo – <http://mobeeknowledge.ning.com>

Personal KM	(in between)	Big KM
<u>Mind</u> Brain as Hub	<u>Sense</u> and Hormonal & Enzymatic Protein as Hub	<u>Consciousness</u> DNA as Hub
<i>Akal</i>	<i>Rasa</i>	<i>Kehendak</i>

KM Process Frameworks	KM Tools	KM Standards
Process + Activities derivatives oriented		Category + Process Groups derivatives oriented
Data + Information : created & captured		Knowledge + beyond : evolved
Web 1.0 as enabler is sufficient		At least Web 2.0 as enabler needed
Seeking True (not False)	Seeking Good (not Bad)	Seeking Right (not Wrong)
Data base		Knowledge base
Data / Information Management		Knowledge Management
"Scientific Knowledge"		"Knowledgeable Science"
Deducto-Hipothetico-Verificative (Scientific Pathway)		Gnosistic Pathway (Emergent Property of Human as Complex System)
Evolution		Creationism
Decision making loci : Brain		Decision making loci : DNA
Deductionism (Rationalism)		Intuitivism
Basic Sciences (MIPA)-based		Evidence-based
Probability-driven		Possibility-driven
Empiricism		Reverse Engineering
Multi Media as tools		Social Media as tools
Learning by doing		Doing by learning

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HUMAN SYSTEM BIOLOGY (HSB)-BASED KM 2.0 MAP TEMPLATE AND ITS USAGE

KNOWLEDGE MANAGEMENT SYSTEM DEVELOPMENT DERIVED FROM HUMAN SYSTEM BIOLOGY : PT MOBEE INDONESIA Inc CASE STUDY

- THE EPISTEMOLOGY OF **HSB-BASED KM 2.0 MAP** - <http://www.scribd.com/doc/24331515/WEB-BASED-KNOWLEDGE-MANAGEMENT-2-0-MAP> and/or

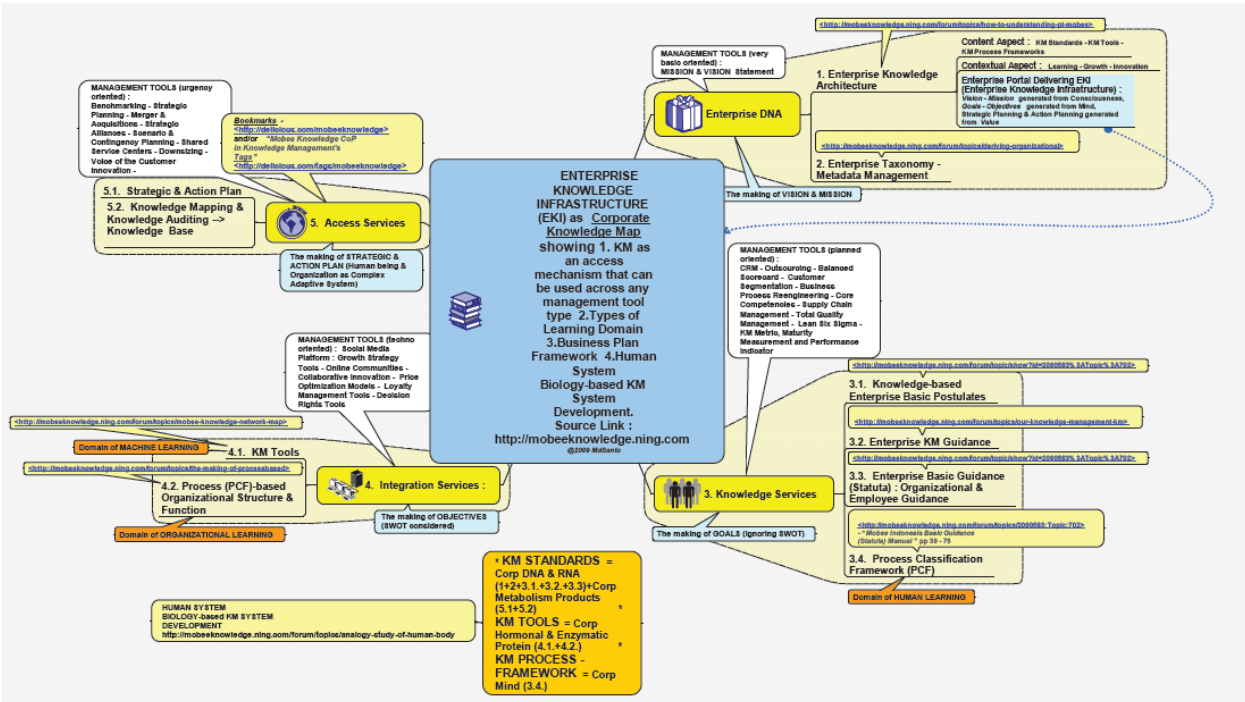
HUMAN ATTRIBUTES http://mobeeknowledge.ning.com/forum/topics/knowledge-towards-2012-great			KNOWLEDGE MANAGEMENT ATTRIBUTES http://mobeeknowledge.ning.com/forum/topics/webbased-knowledge-management	
<p>Sensation Feeling</p> <p>In Bahasa : Rasa</p>	<p>Senses as Lower Consciousness</p>	<p>Peripheral Nerves – Hormonal System – Enzymatic Protein – Metabolism Products</p>	<p>KM Tools</p>	<p>Corp Sense (Corp Hormonal & Enzymatic Protein) (4.1.+4.2.)</p> <p>4. Integration Services : 4.1. KM Tools Domain of MACHINE LEARNING http://mobeeknowledge.ning.com/forum/topics/mobeeknowledge-network-map</p> <p>4.2. Process (PCF)-based Organizational Structure & Function http://mobeeknowledge.ning.com/forum/topics/the-making-of-processbased Domain of ORGANIZATIONAL LEARNING</p> <p>MANAGEMENT TOOLS (techno oriented) : Social Media Platform : Growth Strategy Tools - Online Communities - Collaborative Innovation - Price Optimization Models - Loyalty Management Tools - Decision Rights Tools</p> <p>The making of OBJECTIVES (SWOT considered)</p>
<p>Mind</p>			<p>KM</p>	<p>Corp Mind (3.4.)</p> <p>3.4. Process Classification Framework (PCF) http://mobeeknowledge.ning.com/forum/topics/2090</p>

<p>In Bahasa : Akal</p>	<p>Mind as Medium Consciousness</p>	<p>Brain – Central Nerves System</p>	<p>Process Frameworks</p>	<p>583:Topic:702 - “Mobee Indonesia Basic Guidance (Statuta) Manual” pp 39 - 75 Domain of HUMAN LEARNING</p>
<p>Value & Will</p> <p>In Bahasa : Nilai & Kehendak</p>	<p>DNA as Highest Consciousness</p>	<p>Human Genome : (DNA + RNA)</p>	<p>KM Standards</p>	<p>Corp DNA & RNA (1+2+3.1.+3.2.+3.3)+Corp Metabolism Products(5.1+5.2)</p> <p>Enterprise DNA 1. Enterprise Knowledge Architecture Content Aspect : KM Standards - KM Tools - KM Process Frameworks Contextual Aspect : Learning - Growth - Innovation Enterprise Portal Delivering EKI (Enterprise Knowledge Infrastructure) : <i>Vision - Mission</i> generated from Consciousness, <i>Goals - Objectives</i> generated from Mind, Strategic Planning & Action Planning generated from <i>Value</i> http://mobeeknowledge.ning.com/forum/topics/how-tounderstanding-pt-mobee</p> <p>2. Enterprise Taxonomy - Metadata Management http://mobeeknowledge.ning.com/forum/topics/derivingorganizational</p> <p>MANAGEMENT TOOLS (very basic oriented) : MISSION & VISION Statement The making of VISION & MISSION</p> <p>3. Knowledge Services 3.1. Knowledge-based Enterprise Basic Postulates http://mobeeknowledge.ning.com/forum/topic/show?id=2090583%3ATopic%3A702 3.2. Enterprise KM Guidance http://mobeeknowledge.ning.com/forum/topics/ourknowledge-management-km 3.3. Enterprise Basic Guidance (Statuta) : Organizational & Employee Guidance http://mobeeknowledge.ning.com/forum/topic/show?id=2090583%3ATopic%3A702</p> <p>The making of GOALS (ignoring SWOT)</p> <p>MANAGEMENT TOOLS (planned oriented) : CRM - Outsourcing - Balanced Scorecard - Customer Segmentation - Business Process Reengineering - Core Competencies - Supply Chain Management - Total Quality Management - Lean Six Sigma - KM Metric, Maturity Measurement and Performance Indicator</p> <p>5. Access Services</p>

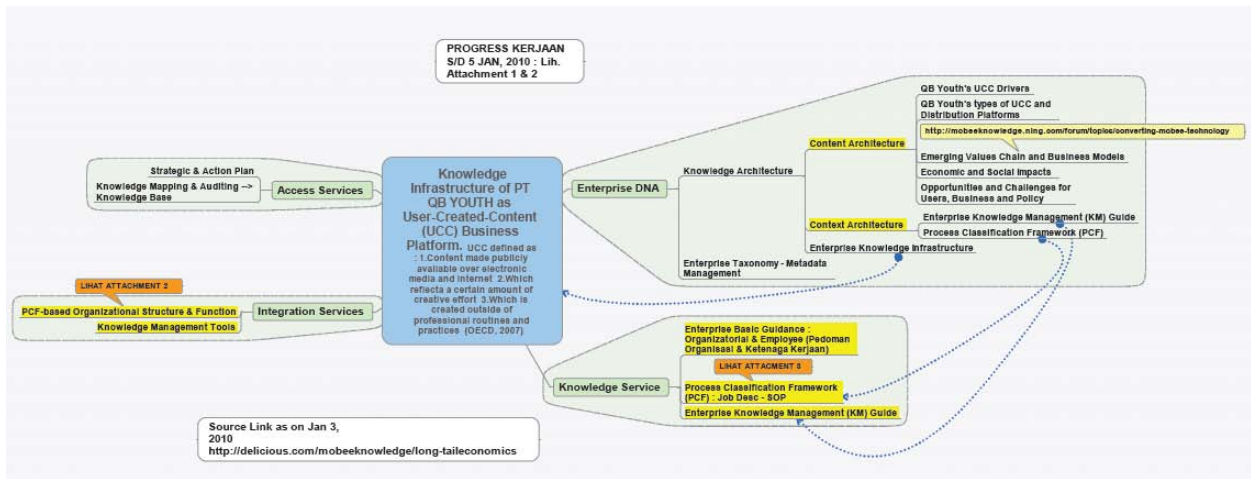
				<p>5.1. Strategic & Action Plan 5.2. Knowledge Mapping & Knowledge Auditing --> Knowledge Base The making of STRATEGIC & ACTION PLAN (Human being & Organization as Complex Adaptive System) MANAGEMENT TOOLS (urgency oriented) : Benchmarking - Strategic Planning - Merger & Acquisitions - Strategic Alliances - Scenario & Contingency Planning - Shared Service Centers - Downsizing - Voice of the Customer Innovation - Bookmarks - http://delicious.com/mobeeknowledge and/or "Mobee Knowledge CoP in Knowledge Management's Tags" http://delicious.com/tags/mobeeknowledge</p>
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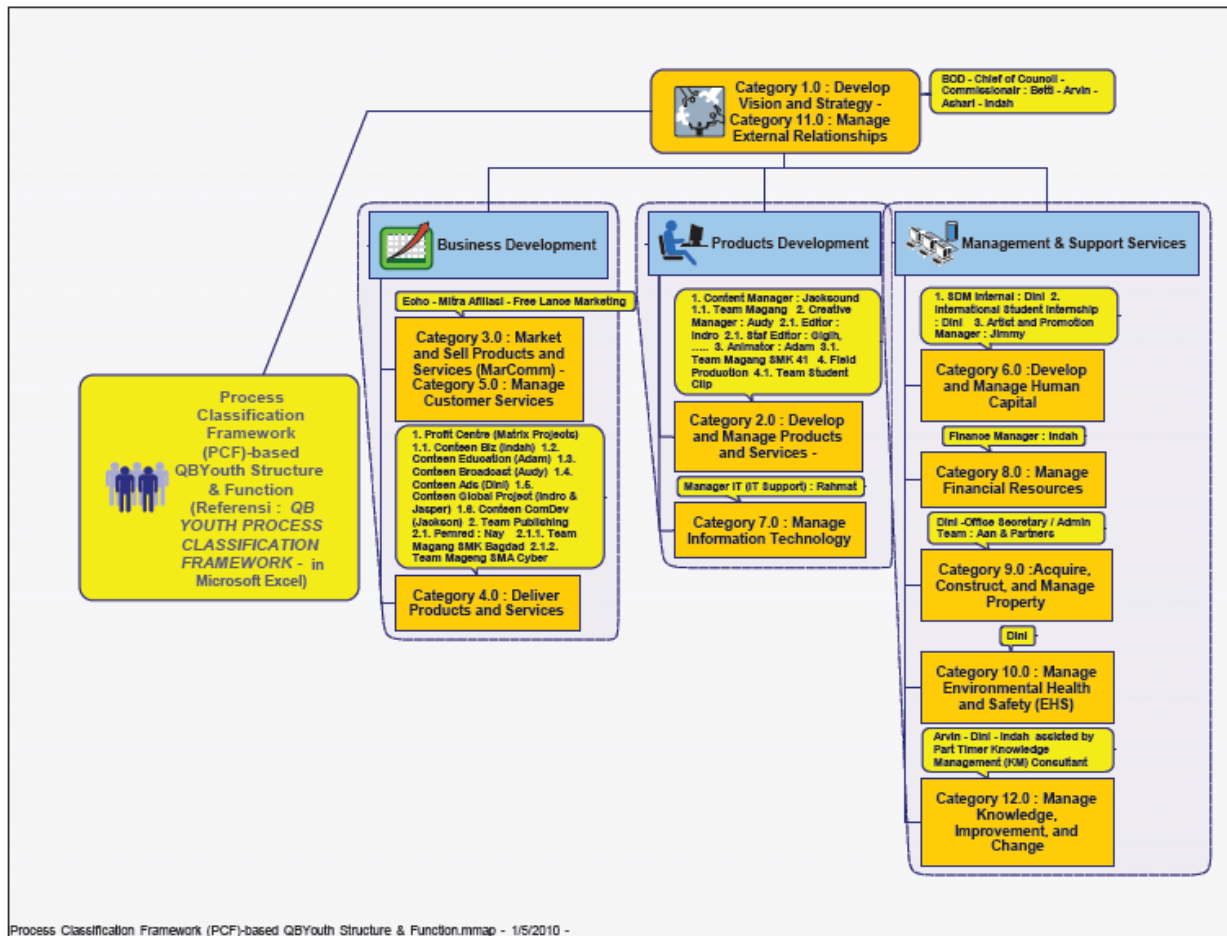
- HSB-BASED KM 2.0 MAP - <http://mobeeknowledge.ning.com/forum/topics/webbased-knowledge-management> and/or <http://www.scribd.com/doc/24331515/WEB-BASED-KNOWLEDGE-MANAGEMENT-2-0-MAP> (PT MOBEE INDONESIA Inc CASE STUDY) treated as Corporate Knowledge Map template)**



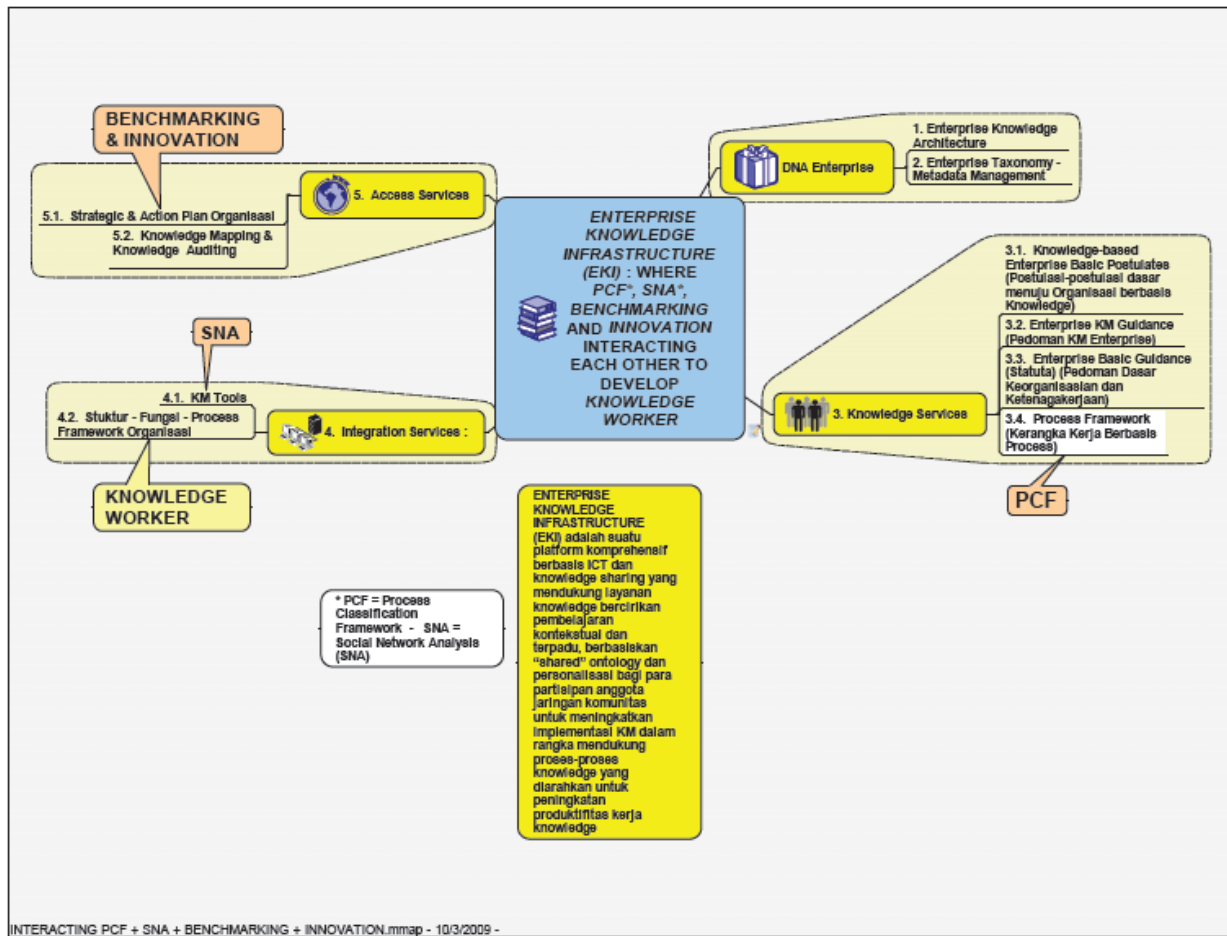
• **HSB-BASED KM 2.0 MAP applied to PT QB YOUTH Inc Knowledge Infrastructure :**



• **HSB-BASED KM 2.0 MAP applied to PT QB YOUTH Inc Organizational Structure :**

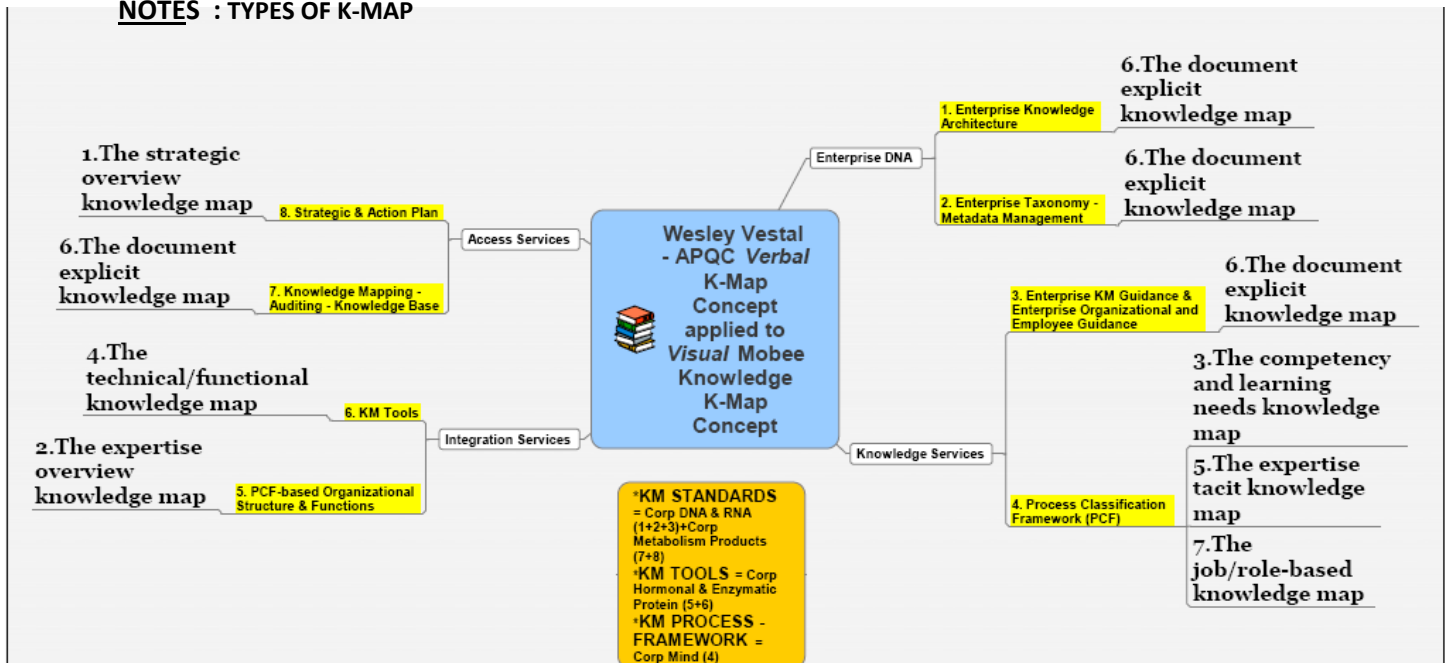


- **HSB-BASED KM 2.0 MAP showing interaction among PCF – SNA – BENCHMARKING – INNOVATION to develop Knowledge Worker**



- **Wesley Vestal – APQC verbal K-Map concept applied to visual HSB-BASED KM 2.0 MAP**

NOTES : TYPES OF K-MAP



1. The strategic overview knowledge map,
2. The expertise overview knowledge map,
3. The competency and learning needs knowledge map,
4. The technical/functional knowledge map,
5. The expertise tacit knowledge map,
6. The document explicit knowledge map, and
7. The job/role-based knowledge map.

Different organizations have implemented knowledge maps in a variety of ways, however, most fit into one of these basic categories. There is no perfect map for all situations but these maps fit a lot of different situations.

- Wesley Vestal, APQC KM Head

- **PCF-based Organizational Structure and Function of PT Mobee Indonesia Inc**

