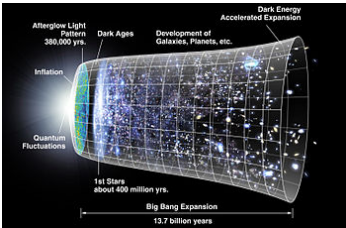
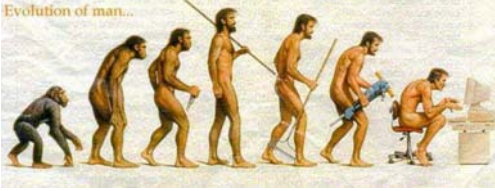


Basic structure of Human System Biology-based Knowledge Management (HSBKM) model framework and the development

Md Santo – Mobee Knowledge Services – <http://mobeeknowledge.ning.com>

To understanding the basic structure of *Human System Biology-based KM (HSBKM)* model framework, at least we should know the descriptions of *Nature and Human Knowledge Continuum – Knowledge Interfaces – Knowledge Value (KV) – Eclectic definition of Knowledge and Knowledge Management (KM) – Example of using HSBKM in practice – Planned Activities (Time Line) of our HSBKM development*

- Nature Knowledge Continuum**

Quantum world	Classical mechanism world : Bio – Physical World			Beyond Human World
K-Value* = 10^{-38} (Planck Number) applied to Higgs Boson particle	Physical World K-Value < 1.0	Biological World K-Value 1.0 - 4.0	Human K-Value = #Human Weighted Score (WS) = 1.0 (KLC) + 3.0 (KMC) + 5.0 (KHC) = 9.0 as Max Possible Score	K-Value > 9.0 to ~ (infinity)
	 K-Value around 1.0 through 9.0			The Universe knows something we don't. And it acts on cosmic scales (AIDAN RANDLE-CONDE USLHC USA – CERN)

* **Knowledge Value (KV)** : an absolute value scaling ratio ranging from 10^{-38} (Planck number) applied to *Known*, and consecutively KV = 5.0 applied to human *Knowledge with Higher Consciousness (KHC)* or accumulated to KV = 9.0 as human maximum possible score *en route* to infinity or goes beyond human KV. KV is mean to assessing hypothetically the intensity of Nature Knowledge consciousness element factor within Knowledge continuum in the Universe all at once complementing Energy and Matter of the Universe (<http://bit.ly/rvDQMO> - “Knowledge Value (KV) Measurement”)

- **Eclectic Operational Definition of “Knowledge” dan “Knowledge Management (KM)” derived from “Human System Biology-based Knowledge Management (HSBKM) model framework”**

Source :

<http://www.km4dev.org/forum/topics/model-framework-by-nature> - “Model framework by Nature : Human System Biology - based Knowledge Management (HSBKM)” -we (re)defined Knowledge as follow, **Human Knowledge**, in broad meaning (DI – KW model), is the product of human knowing tools, Knowledge is the output of human knowing tools, evolved as emergent property, having **consciousness** inside human being as complex system, alive and behaving as subject with freewill, contrary with Data and Information exist outside human being, non-alive and behaving as object only.....

To make it more clarified, <http://bit.ly/mY6gXY> - “MAKING KNOWLEDGE MANAGEMENT BETTER THROUGH KNOWLEDGEABLE CONCEPT”, By giving broad meaning the role of KM in nature, therefore **human Knowledge** is the integral part of broad Nature Knowledge (Knowledge of Nature). Knowledge, either Human or Nature Knowledge by nature is dynamic entity continuum characterized as having consciousness element factor (CEF) structure. Human Knowledge and/or Nature Knowledge by nature either within quantum physics level or classical mechanic physics level, differentiated into infinite levels of consciousness,.....

.....**Knowledge Management** (KM) essentially is not management technique but behaving more as a living access mechanisms that can be used across any management tool type such as Total Quality Management, Learning Organization (Peter Senge’s Fifth Discipline), HRM, Benchmarking, Process Classification Framework, Business Process Reengineering, Balanced Scorecard, Business Intelligence, Information Management including Social Media platforms etc. wherein each with their specific functions to be orchestrated under KM’s consciousness. So, here we put KM in incredibly broad meaning behaving as subject with higher level than any other management tool type which is treated only as object (<http://www.scribd.com/doc/28696847/How-to-re-postulating-the-paradigm-of-Knowledgeand-Knowledge-Management> and/or <http://mobeeknowledge.ning.com/forum/topics/repostulating-the-paradigm-of>).

- **BASIC STRUCTURE of HSBKM**

1. **HUMAN SYSTEM BIOLOGY : HUMAN KNOWING TOOLS PRODUCING KNOWLEDGE**

1st Knowledge Interface <i>Human Senses (Peripheral Nerves System incl. Autonomic Nerve System) as Primary Human Knowing Tools producing "Knowledge with Lower Consciousness" (KLC) representing human sense-taste-feeling-feel-flavor-sensation (= human senses)</i> Weighted Score (WS) = 1.0 as value of KLC	2nd Knowledge Interface <i>Human Brain (Central Nerves System) as Secondary Human Knowing Tools producing "Knowledge with Medium Consciousness" (KMC) representing human reason-mind-intellect-intelligence-way-idea (= human mind)</i> Weighted Score (WS) = 3.0 as value of KMC	3rd Knowledge Interface <i>Human Genomic DNA (DNA Consciousness) as Tertiary Human Knowing Tools producing "Knowledge with Higher Consciousness" (KHC) representing human will – desire – wish (= human conscience)</i> Weighted Score (WS) = 5.0 as value of KHC
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2. **NATURE COMPONENTS PRODUCING NATURE KNOWLEDGE AND/OR NATURE KM**

4th Knowledge Interface <i>Quantum to Physico – Chemical Interactions Level (Human Body to Nature Physical Awareness)</i> KV* = 10^{-38} through < 1.0	5th Knowledge Interface <i>Biological Interactions Level (Human Body to Nature Biological Awareness)</i> KV* = 1.0 (senses) – 3.0 (mind) (non Human Knowing Tools)	KLC KMC KHC KV = 1.0 + 3.0 + 5.0 = 9.0	6th Knowledge Interface <i>Nature with higher Complexity Behavior Level (Human Body to Nature "Fitriah" (Pure / Natural) Awareness)</i> KV* over 9.0 to ~ (infinity)
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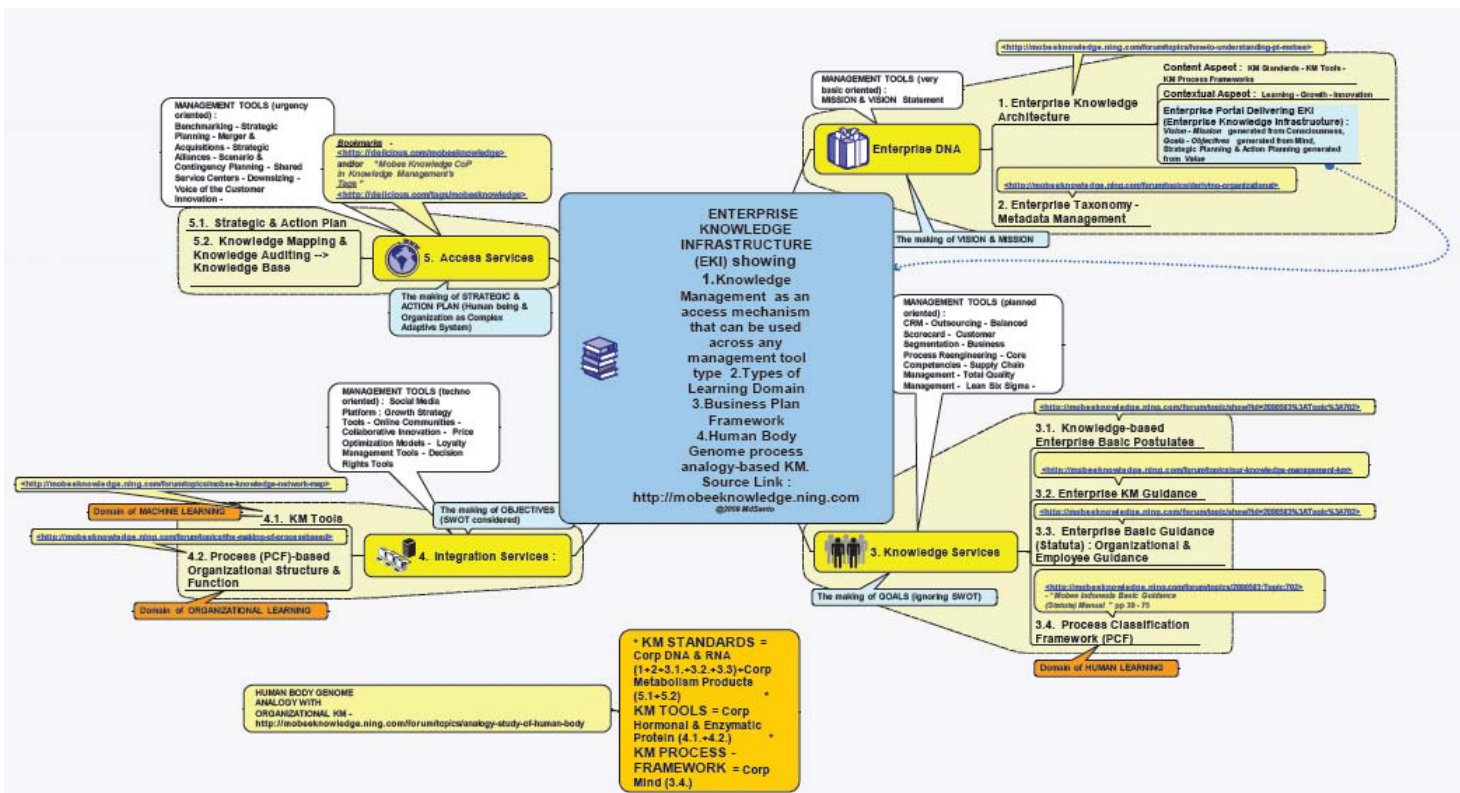
3. **HUMAN SYSTEM BIOLOGY-BASED KNOWLEDGE MANAGEMENT (HSBKM) MODEL FRAMEWORK**

7th Knowledge Interface <i>Within Human System Biology-based KM (HSBKM) model framework, KLC represented by KM Tools as Techno-based boundary KM covering IT/ICT, Web 1.0 and 2.0 incl. Social Media</i>	8th Knowledge Interface <i>Within HSBKM model framework KMC represented by KM Process Framework as Human Mind-based boundary KM covering Human (Tacit) Mind incl. Web 3.0 and/or Semantic Web including Artificial</i>	9th Knowledge Interface <i>Within HSBKM model framework KHC represented by KM Standards Culture and Value as Human Organizational (Collective / Social) Learning-based boundary KM covering Codified / Explicit</i>
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platforms. (Referred to “Machine or Techno Learning” or to Category 7.0 (PCF – APQC**) as corporate orientation) Weighted Score (WS) = 1.0 as value of KM Tools representing the value of KLC	Intelligence (AI) (Referred to “Individual Learning” or to Category 12.0 (PCF – APQC**) as corporate orientation) Weighted Score (WS) = 3.0 as value of KM Process Frameworks representing the value of KMC	Knowledge, Human Social Behavior, Organizational Culture (Learning Organization). (Referred to “Organizational Learning” or to Category 1.0 – 2.0 – 3.0 – 4.0 – 5.0 – 6.0 – 8.0 – 9.0 – 10.0 – 11.0 (PCF-APQC**) as corporate orientation) Weighted Score (WS) = 5.0 as value of KM Standards Culture and Value representing the value of KHC
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** Referring to PCF – APQC = Process Classification Framework – American Productivity and Quality Center as taxonomy of cross functional business process comprising 12 Categories

- **Example of using : HSBKM-based Enterprise Knowledge Infrastructure**
(visit URL <http://bit.ly/s4USV0>)



- **TIME LINE OF MOBEE KNOWLEDGE SERVICES : Past – Current – Emerging – Future – Impact Knowledge Management (KM) to Basic Sciences - <http://mobeeknowledge.ning.com>**

	<u>2008 -2009</u>	<u>2009 – 2010</u>	<u>2010 - 2011</u>	<u>2012 +</u>
Past and Current Knowledge Management	Corporate KM 2.0 in practice - http://bit.ly/cs5V45	Corporate KM 2.0 in practice - http://bit.ly/cs5V45		
		Learning Objects KM 2.0"- http://bit.ly/9Ci50Y		
Emerging Knowledge Management		KM Metrics-Maps-Diagrams" - http://bit.ly/bROikS		
		Our noted K – base - http://bit.ly/bUbQqh		
Future Knowledge Management		Shifting Paradigms Knowledge & Science - http://bit.ly/955POI		
		Toward next gen KM - http://bit.ly/aqWTPH		
Mobee Knowledge Proprietary Right : Knowledge Management	Human System Biology-based Knowledge Management (HSBKM™) model framework http://bit.ly/lx3GbA and http://bit.ly/pKA08U	Human System Biology-based Knowledge Management (HSBKM™) model framework http://bit.ly/lx3GbA and http://bit.ly/pKA08U		Further development of Human System Biology-based KM model framework on practice of KM
		Mobee Knowledge		

		Competency Capability Maturity (MKCCM™) model http://bit.ly/lx3GbA http://bit.ly/e7HCoM (pp 5-7 and pp 61-64)		
		Spatio Temporal Knowledge Management 2.0 Learning Approach http://bit.ly/j8p4kK and http://bit.ly/otH3mr	Spatio Temporal Knowledge Management 2.0 Learning Approach http://bit.ly/j8p4kK and http://bit.ly/otH3mr	
Mobee Knowledge Proprietary Right : The Impact of Knowledgeable Science (Knowledge Management on Theoretical Physics)			Knowledge – Value (KV) - http://bit.ly/r2dwRv , http://bit.ly/mRmiOz and http://bit.ly/pS5Upf	Further explorations on the study of the impact of Knowledgeable Science (Knowledge – intensive Science) on Basic Sciences
			Mobee Knowledge Constanta ("k" constant) - http://bit.ly/r2dwRv	
			Mobee Knowledge Knowon - http://bit.ly/rjJzgb and http://scr.bi/o5p9Av and http://bit.ly/nK4kY8	

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- **Extended and Advanced related References derived from**
<http://mobeeknowledge.ning.com>
- **Our main basic Philosophical Science and Postulate :**
<http://bit.ly/pOSGBt> - “Knowledge is the Edge of Science” and
<http://mobeeknowledge.ning.com/forum/topics/we-arekmregulated-by-nature> - “We are
KM – regulated by Nature and by Nature we are KM model”
- **<http://bit.ly/qDc3IZ>** - “Time Line and Proprietary Rights of Mobe Knowledge Services”
- **<http://bit.ly/rvDQMO>** - “Knowledge Value (KV) Measurement”
- **<http://bit.ly/pKAO8U>** - “KM model framework by Nature”
- **<http://bit.ly/v7guKs>** - “K-Interface, K-Value and Fundamental Force relationship viewed
from Human System Bio-based KM (HSBKM)”
- **<http://bit.ly/v7Ve1S>** - “Brief comprehensive description on Human System Biology-based
(HSBKM) model framework”
- **<http://bit.ly/tQhW7F>** - “New mechanism of Knowledge sharing re-clarified”
- **<http://bit.ly/omLKPv>** - “The study of Human Consciousness : Penrose vs Md Santo”
- **<http://bit.ly/sASiig>** - Md Santo et al : “Impact of Human System Biology-based Knowledge
Management (HSBKM) model framework on Theoretical Physics” , The International
Conference on Mathematics and Sciences – Surabaya Institute of Technology (ITS),
Indonesia, October 12 – 13, 2011
- **<http://mobeeknowledge.ning.com>** - See Main Page of Social Networking and Learning
Resources “Mobe Knowledge CoP” (Started out in May 2008, and as Knowledge
repository, our K-base currently consist of 370 articles and over 900 hundred tags words)

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