NEW METHODS FOR EVALUATING INTANGIBLES

BRYAN DAVIS

McMASTER WORLD CONGRESS

Wednesday Jan 24, 2007

3 Main Points

We need an improved Taxonomy for intangible values

Knowledge Markets, Communities Of Value, Networks provide context for valuation

Our approach –
 The KNOWLEDGE DELTA MINDSET

Methods

- 1. Using Markets.. auctions..
- 2. Tagging, Categorization, Taxonomy...
- 3. Leverage reach of Networks (hubs)
- 4. Communities Of Value
- 5. Audit, reviews, assessment...
- 6. Risk Management
- 7. Business Model...
- 8. Performance Indicators...

BUSINESS WEEK COVER STORY



- FEBRUARY 13, 2006 By Michael Mandel, with Steve Hamm in New York and Christopher J. Farrell in St. Paul, Minn.
- Why The Economy Is A Lot Stronger Than You Think
 - In a knowledge-based world, the traditional measures don't tell the story. Intangibles like R&D are tracked poorly, if at all. Factor them in and everything changes

http://www.businessweek.com/magazine/content/06_07/b3971001.htm

DARK MATTER

■ The Implications of Dark Matter for Assessing the US External Imbalance

Ricardo Hausmann and Federico Sturzenegger CID Working Paper No. 137

November 2006

Center for International Development at Harvard University (CID)

http://www.cid.harvard.edu/cidwp/pdf/137.pdf

THE GROWING INTANGIBLE ECONOMY

- Social Networking Phenomenon
- eBay
- Second Life
- Trading Carbon Emissions
- Creative Economy
- Trading IP
- Celebrity Branding
- Knowledge Innovation Zones







Kenji Kasahara

- At 2.66 million yen a share, Mixi is valued at 187 billion yen (\$1.6 billion), making a dollar billionaire out of its 30-year-old founder and president Kenji Kasahara
- He holds 64 percent of the firm he started as a job-seeking site by himself while at university a decade ago.
- By comparison, News Corp. purchased MySpace.com, a similar U.S. site, for an estimated \$580 million.

THE SOCIAL NETWORKING STORY

- News Corp. paid \$650 million for MySpace last year.
- Now, Yahoo is reportedly considering a purchase of Facebook, a smaller MySpace rival, for about \$1 billion.
- Google bought Youtube.com for \$ 1.6 billion

Google Acquires Youtube.com

- Google To Acquire YouTube for \$1.65 Billion in Stock Combination Will Create New Opportunities for Users and Content Owners Everywhere
- MOUNTAIN VIEW, Calif., October 9, 2006 Google Inc. (NASDAQ: GOOG) announced today that it has agreed to acquire YouTube, the consumer media company for people to watch and share original videos through a Web experience, for \$1.65 billion in a stock-for-stock transaction. Following the acquisition, YouTube will operate independently to preserve its successful brand and passionate community.

http://www.google.com/press/pressrel/google_youtube.html

MIT junior sells high-school social networking site

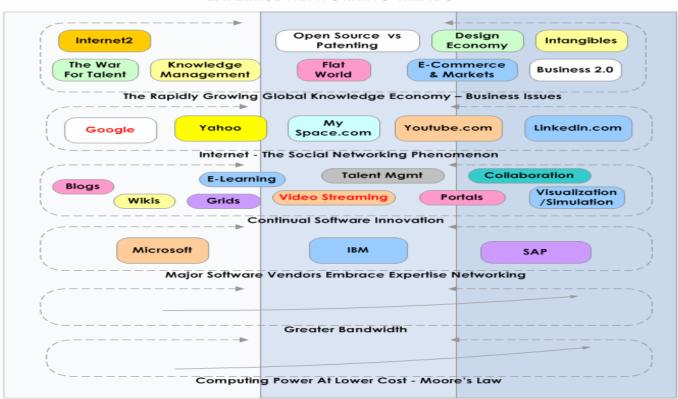
- Sasha Brown, News Office
- October 18, 2006
- Junior Joe Presbrey has a good idea how the owners of YouTube must have felt this week when they sold their site to Google for \$1.65 billion.
- In March 2006, Presbrey sold Sconex, the high-school networking web site he cofounded, to New York teen marketing firm Alloy for more than \$6 million.
- "We just had the right timing," said Presbrey, a Florida native, whose site is similar to established social networking sites like Friendster, Facebook and MySpace, except that it is exclusively for high-school-age students. "Had Facebook not started, we may not have become so popular."
- Since its inception in 2005, Sconex has grown extremely popular with high school students
- http://web.mit.edu/newsoffice/2006/sconex-1018.html

Nielsen//NetRatings

- reports that April's top 10 social networking sites collectively grew 47% since last year a climb from 46.8 million uniques in April 2005 to 68.8 million in April 2006.
- Nielsen//NetRatings says these social networking sites reach 45% of active Web Users.
- MySpace led the other social networks with 38.4 million unique visitors and growth rate of 367%.

TRENDS

EXPERTISE NETWORKING TRENDS



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eBAY MARKETPLACE

The eBay Marketplace creates a powerful online platform for the sale of goods and services by a passionate community of individuals and small businesses. On any given day, there are millions of items available through auction-style and fixedprice trading.

http://www.ebay.com/

Intellectual Ventures

- Intellectual Ventures is an invention company. We conceive and patent our own inventions in-house through a world-renowned staff of internal and external scientists and engineers. We also acquire and license patented inventions from other inventors around the world. Our network of invention sources includes: large and small businesses, governments, academia, and individual inventors. These inventions span a diverse range of technologies including: software, semiconductors, wireless, consumer electronics, networking, lasers, biotechnology, and medical devices. Our current focus is on developing our invention portfolio. Over time, we intend to market our portfolio on a broad and non-exclusive basis through a variety of channels including spin-out companies.
- Nathan Myhrvold, Founder, CEO
- Nathan Myhrvold founded Intellectual Ventures after retiring from his position as chief strategist and chief technology officer of Microsoft Corporation.

http://www.intellectualventures.com/

Jay Walker - Walker Digital

Jay Walker is one of America's best-known entrepreneurs. He has founded a number of successful startups that currently have more than 60 million customers. Mr. Walker is chairman of Walker Digital, LLC, the parent company of Walker Digital Management, LLC, a Stamford, Conn.-based laboratory that invents entirely new ways for businesses to operate and serve consumers.

http://www.walkerdigital.com/

The Pullman Group

- The Pullman Group® LLC is a principal investment bank and specialty finance company servicing the entertainment and intellectual property industries. The group experience includes over 1 billion dollars in transactions through 2004. The group is best known for creating the first ever securitization of entertainment royalties and intellectual properties, including future music royalties for
- David Bowie, a \$55 million transaction
- Motown Bonds, a \$30 million transaction
- Ashford & Simpson, an eight-figure transaction
- James Brown, a \$30 million transaction
- The Isley Brothers, an eight-figure transaction
- Marvin Gaye, representative previous client, catalogue, and related articles.

http://www.pullmanco.com/about.htm

OCEAN TOMO

- Ocean Tomo was established in 2003.
- They specialize in understanding and leveraging intellectual property assets and provide advice in IP-related mergers and acquisitions, valuations, expert services, analytics and IP auctions.
- The goal is to assist our clients corporations, law firms, governments and institutional investors - in maximizing value from their intellectual capital equity.
- Their comprehensive range of products and services is unique and built upon more than 200 years of focused attention to intangible assets.
- "At Ocean Tomo, our focus is on Intellectual Capital Equity® management broadly defined. We target value creation and measurement at the intersection of intellectual property and private equity finance."

http://www.oceantomo.com/

KNOWLEDGE INNOVATION ZONES www.inthekzone.com



NEW IDEAS – eg. H2PIA



- H2PIA concept for world's first hydrogen city
- H2PIA a city based on freedom, clean energy, creativity and innovation
- H2PIA is a vision for a complete city, where citizens will produce the energy they need for themselves.
- H2PIA will show how we can develop from a society that produces energy by burning oil, coal and gas, to a hydrogen-based, independent, and pollution-free community.

http://www.h2pia.com/com/h2pia/

TRADING CARBON CREDITS

The CO2e emissions trading has arrived. The trading marketplace is CO2e.com.

CO2e.com's online marketplace delivers a fully functional, interactive, 24-hour carbon trading platform. A global team of emissions brokers and finance experts supports this platform around the clock from our offices in North America, Europe and Asia.

http://www.co2e.com/default.asp

The Creative Industries

- According to some estimates, the creative industries, most of which are based on copyright, accounted for more than 3 trillion U.S. dollars in global trade last year. That figure is expected to double to more than 6 trillion dollars by 2020.
- In many parts of the world, the creative industries are growing faster than other economic sectors and are creating jobs at a much faster rate. Copyright industries account for 8.4 percent of employment in the United States, and nearly 6 percent in Singapore.

Rita Hayes - Deputy Director General, World Intellectual Property Organization, 30 January 2006, Rome, Italy.

http://www.ip-watch.org

THE "BILBAO EFFECT"

■ THE GUGGENHEIM



Source: http://www.bm30.es/proyectos/guggy_uk.html#bilbao

CIRQUE DU SOLEIL

- ENTREPRENEURSHIP
- CREATIVITY
- INNOVATION
- NEW IDEAS
- CREATED A "BLUE OCEAN" MARKET-SPACE
- With little debt and a pretax margin probably near 25%, Cirque du Soleil (of which Guy Laliberté owns 95%) is comfortably worth \$1.2 billion according to Forbes Magazine.... http://www.forbes.com/free_forbes/2004/0315/100.html

http://www.cirquedusoleil.com

Virtual Worlds - GAMING



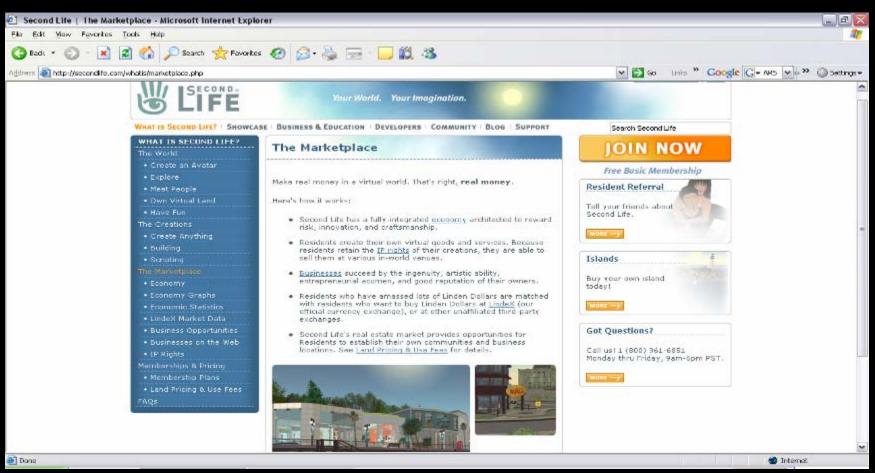
http://www.businessweek.com/search/07brows1.htm

VIRTUAL WORLDS

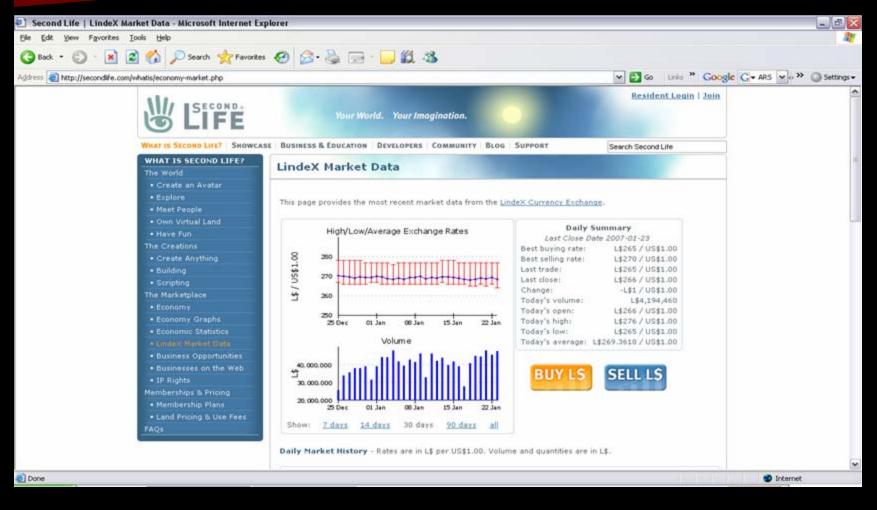
- The New New Economy: Earning Real Money in the Virtual World
- Welcome to the virtual economy, where currencies such as the Linden dollar trade against the U.S. dollar, companies like Internet Gaming Entertainment (IGE) create markets for everything from magic shields to potions, and entrepreneurs sell notary services and the latest fashions.
- Published: November 02, 2005 in Knowledge@Wharton

http://knowledge.wharton.upenn.edu/

SECOND LIFE



LINDEX CURRENCY EXCHANGE



IP RIGHTS



REVLON

In the factory we make cosmetics. In the store we sell hope."

— Charles Revson

Stefani to create signature fragrance



- Now you can look good and smell good, too.
- Gwen Stefani is launching a perfume for her L.A.M.B. fashion and accessories line.

PARIS HILTON



Michael Jordan



GLOW BY J. LO



SLICK BY NICK?





NOMAD BY LEIF?





Intangible Assets Management

- The strategic actions axis of SPID[™] for Intangible Assets Management:
- SPID™ accounts, in some specially-designed «value accounts», all the contributions brought by Intangible Assets to the company. These contributions are registered and evaluated based on a value negociation process among the source and the beneficiary value centers. Each value operation is documented. Building and actively supporting the framework for this negotiation process to take place is a central approach in our methodology for efficiently exploiting intangible values and thus improving performance.
- SPID™ organizes an active market of « value contributions » and provides all the necessary mechanisms to link Intangible Assets to a cashflow stream.
- SPID™ includes all the mechanisms to support these value transactions, as well as the consolidation and conversion mechanisms of several « currencies » in one determined currency, for consolidation and reporting purposes.

http://www.integrator-group.com/

INDEXIQ

- NEW YORK, (January 22, 2007) IndexIQ, Inc. (www.indexiq.com), a dedicated index developer, has introduced its latest suite of innovative indexes, containing several distinct families of high performance, next-generation indexes based on rigorous proprietary
- analytical processes used to capture and quantify a broad range of intangible asset values, which comprise the growing gap between the market value and book value of publicly traded
- companies, it was announced today.
- IndexIQ Launches Next-Generation Indexes for Investors; Seeks to Harnesses the Power of Intangible Assets
- http://www.indexiq.com/

GASB

- Governmental Accounting Standards Board
- NEWS RELEASE 12/27/06
 GASB Proposal Would Establish Guidance for Intangible Assets
- A copy of the proposal, entitled Accounting and Financial Reporting for Intangible Assets, may be downloaded from the GASB's website at www.gasb.org.

FRANCE - Commission on intangible economy

- The French Treasury has released a new report
- A report by the Commission on intangible economy (Commission sur l'économie de l'immatériel),
- The report notes that the economy has changed. Intangible assets, such as patents and trade marks, and the capacity to innovate have become a key competitive advantage for businesses. Even traditional sectors, such as the automotive industry, must invest in the immaterial such as trade marks, technology and design to achieve success.
- On this basis, the report makes recommendations to adapt to this new reality by: helping research and finance in innovative SMEs; developing the value of public intangible goods; giving priority to European or international responses to the protection of ideas or the fight against counterfeiting; increasing the resources for education; or reorganising public research.
- <u>http://www.finances.gouv.fr/directions_services/sircom/technologies_info/immateriel.pdf</u>

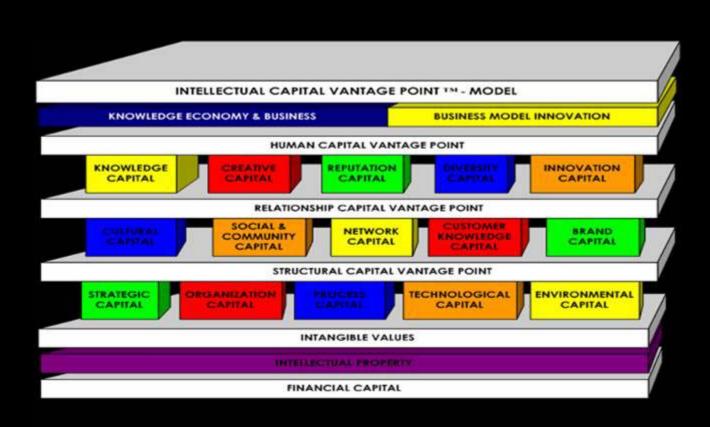
INTANGIBLE ECONOMY & OPEN SOURCE

- The French government plans to make the region around Paris a center of excellence for open-source software development, the French Minister of the Economy, Finance and Industry, Thierry Breton, said Monday.
- The goal of the center of excellence is to develop a healthy and profitable open-source software industry.
- Breton, previously head of France Télécom SA, announced the plan at a news conference to discuss a new report on the French economy's future, "The intangible economy: tomorrow's growth."

http://www.infoworld.com/article/06/12/05/HNfranceopensource_1.html

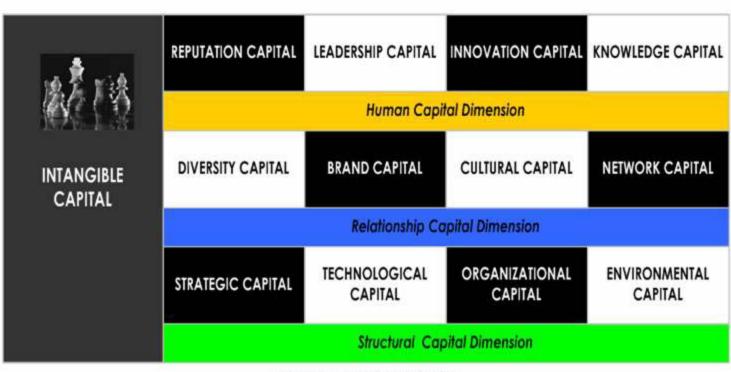
http://www.minefi.gouv.fr/directions_services/sircom/technologies_info/immateriel/immateriel.pdf

Intellectual Capital Model



INTANGIBLES FRAMEWORK

INTELLECTUAL CAPITAL - INTANGIBLE VALUES



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REPUTATION

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

POPULARITY/ **ENDORSEMENT CRITICAL ACCLAIM** LIKEABILITY CAPITAL CYBER PROFILE PEER APPROVAL **SCOPE & REACH** REPUTATION CAPITAL **FORMAL REPUTATION POSITIVE BUZZ INTEGRITY & HONESTY** MGMT PROGRAM **REPUTATION INSTITUTE AUTHENTICITY INDICATORS**

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LEADERSHIP

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

LEADERSHIP CAPITAL	POLITICAL CAPITAL	MARKET LEADERSHIP	CHARISMA
	ETHICAL LEADERSHIP/ INTEGRITY/ TRUSTWORTHY	SOCIALLY RESPONSIBLE & ACCOUNTABLE	CREDIBILITY/ AUTHENTICITY/ CHARACTER
	CONFIDENT/ OPTIMISTIC	HUMILITY	VISIONARY & WISE
	THOUGHT LEADERSHIP	BOLD & COURAGEOUS	RESULTS FOCUSED

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DIVERSITY

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

DIVERSITY CAPITAL	DEMOGRAPHICS	WORKFORCE CULTURAL & GENETIC DIVERSITY	DIVERSITY OF THOUGHT
	TALENT & EXPERTISE DIVERSITY	DIVERSITY OF OPPORTUNITIES	CUSTOMER DIVERSITY
	TOLERANCE & APPRECIATION OF DIVERSITY	GENDER EQUALITY	DIVERSITY POLICIES
	SUPPLIER DIVERSITY	DIVERSITY OF STAKEHOLDERS	

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INNOVATION

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

TALENT/EXPERTISE/ **TECHNOLOGICAL ORIGINAL NEW** COMPETENCIES/ **INNOVATIVENESS INVENTIVE IDEAS** CAPABILITIES **RESEARCH &** PRODUCT **DESIGN CAPITAL** DEVELOPMENT INNOVATION CAPITAL INNOVATION CAPITAL CREATIVE INGENUITY/ MIND TO MARKET SERVICE INNOVATION PROCESS CAPITAL **IMPROVISATION KNOWLEDGE-BASED OPEN &** COMPETITIVENESS INNOVATION COLLABORATIVE

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BRAND

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

NAME RECOGNITION/ PERCEIVED QUALITY **EMOTIONAL EQUITY** VISIBILITY **MARKET SHARE & IMAGE "COOLNESS"** MIND SHARE **POSITIONING BRAND CAPITAL** MARKET IDENTITY/ MARKET EXTENSIONS/ **CUSTOMER LOYALTY** DIFFERENTIATION/ REACH UNIQUENESS **LEGEND & STORY OF** THE BRAND/ PERSONA/PROFILE **BRAND EXPERIENCE** MYTHOLOGY

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NETWORK

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

NETWORK CAPITAL	VIRTUAL	SOCIAL	HUB PROXIMITY
	ALLIANCES	COMPLEXITY	TRANSPARENCY
	NETWORK AWARENESS	TRUST	REACH
	RICHNESS	CONNECTEDNESS	

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CULTURE

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

CULTURAL CAPITAL	HIGH TRUST	CARING/SOUL	COLLABORATION
	ATTITUDES	BELIEFS	CREATIVITY
	COMMUNITY	HERITAGE	VALUES
	KNOWLEDGE FRIENDLINESS	LEARNING DESIRE	MISSION/VISION

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TECHNOLOGY

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

TECHNOLOGICAL CAPITAL	ICT PLATFORMS	ICT OPERATIONS	ICT APPLICATIONS
	ICT GOVERNANCE	ICT EXPERTISE/ PROWESS	ICT RENEWAL & CHANGE
	ICT USER PROFICIENCY	ICT ACCESSIBILITY	ICT UBIQUITY & PERVASIVENESS
	RESILIENCE/ ROBUSTNESS	COMMERCIALIZATION	TECH ENTREPRENEURSHIP

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ORGANIZATION

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

ORGANIZATION CAPITAL	PRINCIPLES	POLICIES	PLANNING
	PROJECT TEAMS	COMMUNITIES OF PRACTICE	COMMUNITIES OF INTEREST
	WORK PRACTICES/ PROCESSES	COMPENSATION, RECOGNITION & REWARDS	CHANGE READINESS/ FLEXIBILITY
	COORDINATION/ ALIGNMENT	ROLES & RESPONSIBILITIES	SOCIAL NETWORKS

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STRATEGY

INTELLECTUAL CAPITAL - INTANGIBLE VALUE

STRATEGY CAPITAL	BUSINESS CONCEPT/ IDEA	BUSINESS MODEL	CUSTOMER & MARKET STRATEGY
	INTERNET STRATEGY	DIGITAL BUSINESS STRATEGY	INTELLECTUAL ASSET MANAGEMENT (IP)
	SUSTAINABILITY	RISK MANAGEMENT	GROWTH STRATEGY
	CONTINUITY & RENEWAL STRATEGY	PERFORMANCE GOALS	FUTURE STRATEGY

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KNOWLEDGE

INTELLECTUAL CAPITAL - INTANGIBLE VALUE



KNOWLEDGE CAPITAL PERSONAL KNOWLEDGE MANAGEMENT

TACIT OR INTUITIVE KNOWLEDGE

KNOWLEDGE PATTERN RECOGNITION

MARKET INTELLIGENCE

MENTAL MODELS/ MINDSETS/ AWARENESS

KNOWLEDGE FROM EXPERIENCE/ SAGACITY

LOCAL OR INDIGENOUS KNOWLEDGE

GREAT IDEAS

MOTIVATION/LOVE OF KNOWLEDGE

KNOWLEDGE MASTERY/ PERFORMANCE

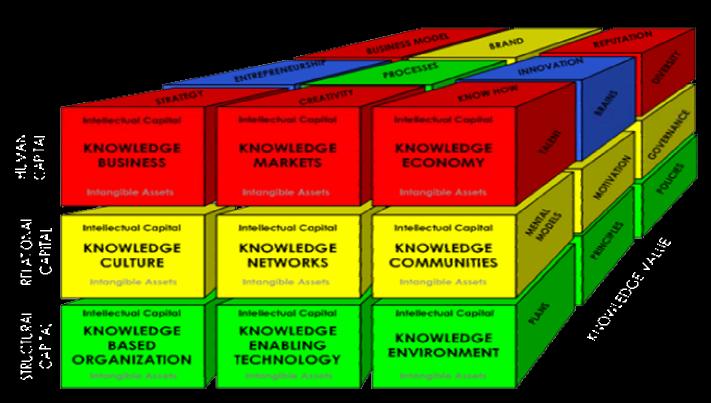
KNOWLEDGE NETWORKS

FUTURE STRATEGY

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Knowledge Cube Framework

THE KNOWLEDGE CUBE FRAMEWORK



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BUSINESS MODELS

15 C'S MODEL - KNOWLEDGE-BASED BUSINESS STRATEGY & DESIGN FRAMEWORK



CONCEPT OF THE BUSINESS MODEL

MODEL

CUSTOMER

MODEL MODEL

COMPETENCIES MODEL

CULTURE

CONNECTIONS MODEL COLLABORATION MODEL CHANGE & COMPLEXITY MODEL

CARING

COORDINATION

MODEL

MODEL

COMMUNICATIONS MODEL PLATFORM MODEL

Virtual Asset Sales

- The Virtual Asset Sales model today is now one of the major business model competitor of the popular subscription-based model. And publishers like [[Level-Up! Inc.]] gave birth to a new online gaming model through the mixture of the VAS and subscription-based models the Hybrid model. The first publishers who used the Hybrid model were MAGICS, Z-Zone Online (developer and publisher of SkyBlade) and NetPlay publisher of Priston Tale. From Level-Up! Inc, the first officially announced hybrid model game of their company is R.O.S.E. Online, announced after the merging with netGames, Inc..
- With a Hybrid mode, the online game still requires a subscription on a per hour basis or monthly basis and at the same time allowing its players an option to acquire other items of value through another channel - the sales of item via real-money, simply the VAS model.

BUILD A BEAR WORKSHOP



Business Model Context

- Build a Bear Workshop is another marriage of Fun Experience plus Shopping
- The first Build-A-Bear Workshop store opened in Saint Louis in 1997
- kids (of any age) enter a totally themed environment to make their own teddy bear or other stuffed animal.
- The concept has proved wildly popular.
- Build a Bear Workshop has some 200 locations worldwide

& THE ULTIMATE TEST?

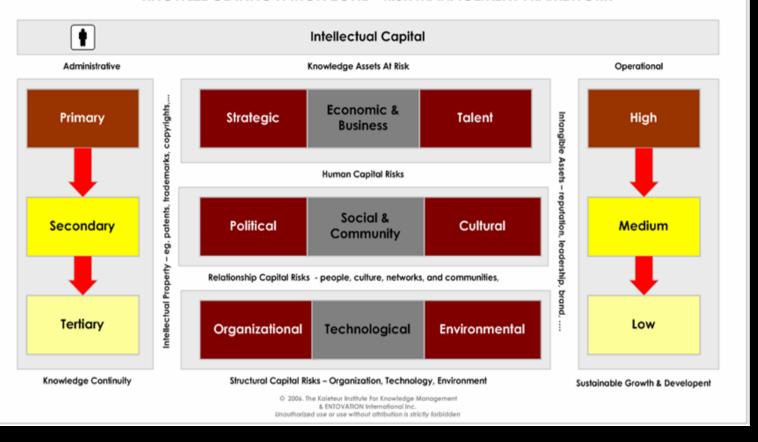
■ What will the kids think?



WILD WADI PARK - DUBAI, UAE

INTANGIBLES & RISKS

KNOWLEDGE INNOVATION ZONE - RISK MANAGEMENT FRAMEWORK



DANISH CARTOON CONTROVERSY

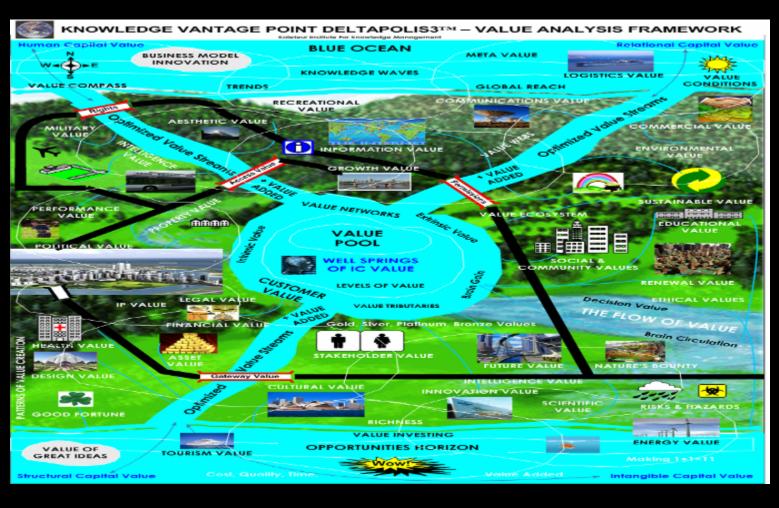


RISKS

- the Danish newspaper Jyllands-Posten's publication of cartoons depicting the Prophet Muhammad
- Muslim protesters torched Denmark's embassies in Beirut and Damascus. While many in the West looked on with bewilderment, protests spread across the Muslim world, and stores in Muslim areas removed Danish products from their shelves.

http://en.wikipedia.org/wiki/Jyllands-Posten_Muhammad_cartoons_controversy

Our Value Analysis Heuristic



ANCIENT CHINESE PROVERB

 Gold has a price, but learning is priceless!

Contact Information:

I hope you will find the knowledge shared to be "invaluable"!

Bryan Davis
President
The Kaieteur Institute For Knowledge Management
67 Alberta Avenue
Toronto, Ontario
M6H-2R7

Tel: 416-651-1837

E-Mail: bdavis@kikm.org
Internet: www.kikm.org

