

6^o
encuentro
de
investigación
profesional
2008, 2008

Logística como un Elemento
Clave para Mejorar la
Competitividad bajo un
Entorno de Globalización

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GEORGETOWN
UNIVERSITY
McDonough
SCHOOL of BUSINESS



Quién?

Dónde?

Cuándo?

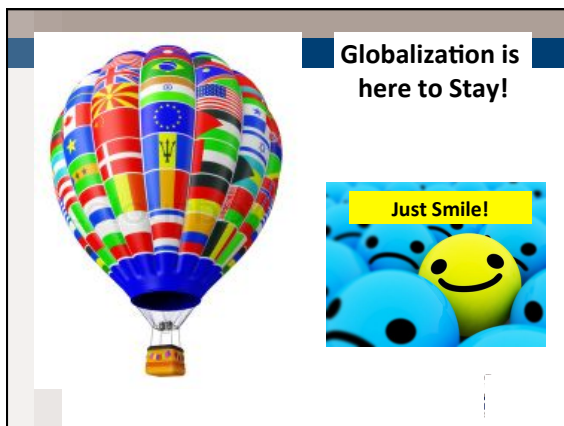
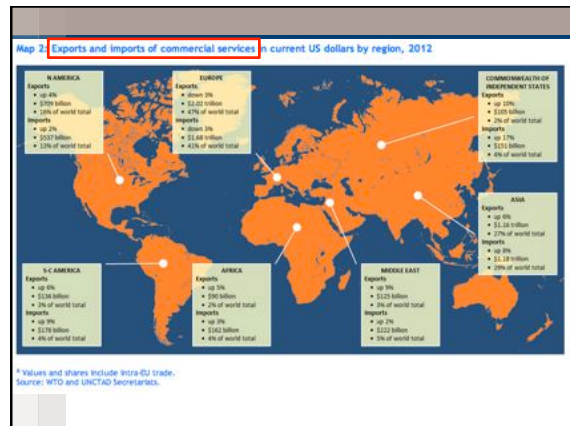
Qué?

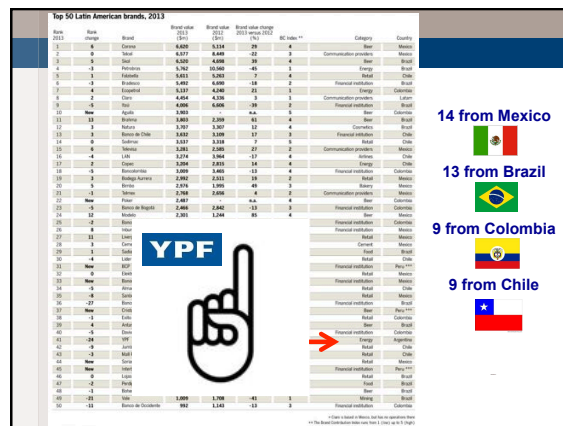
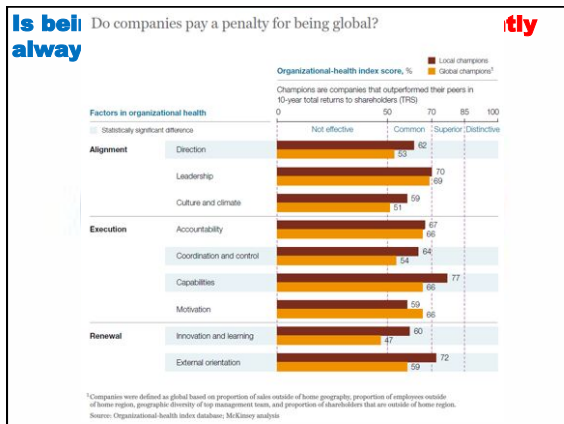
Compitiendo por todo con todos de todas partes!
Produciendo en cualquier parte para vender en todas partes!



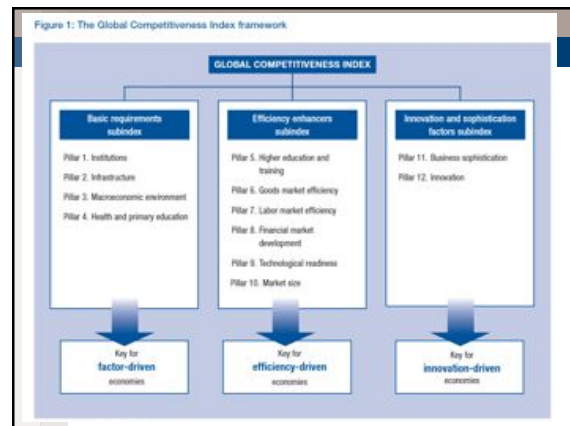
Pros
Cons

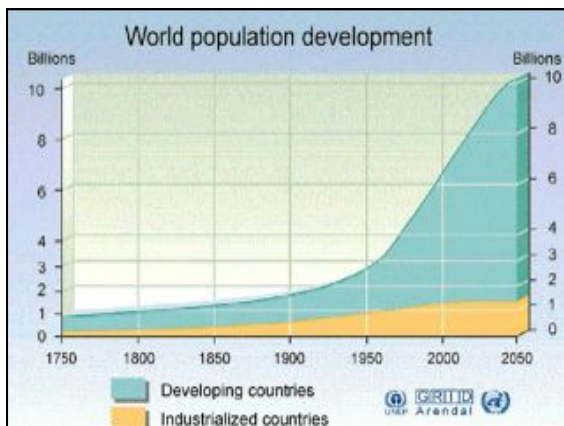
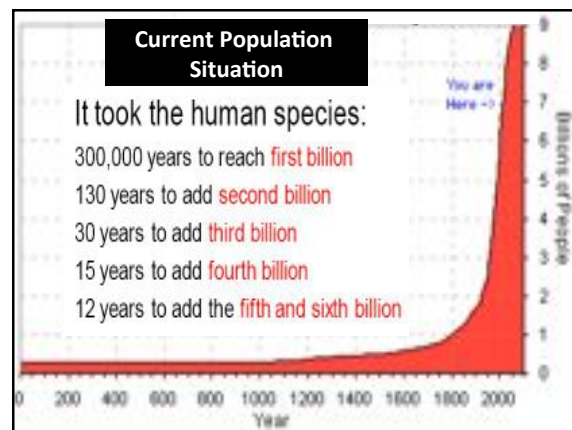
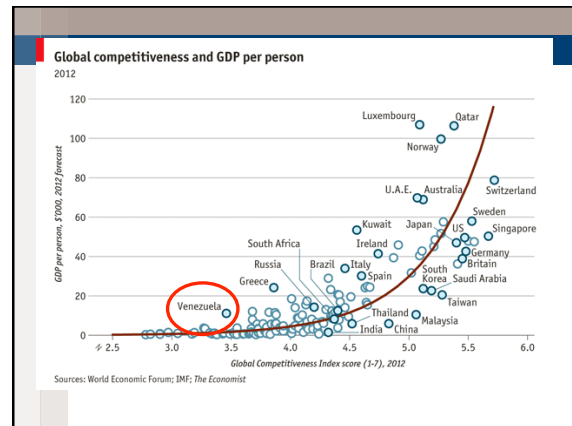
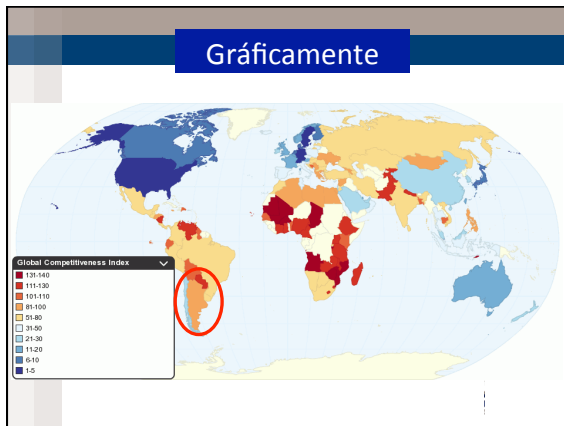
WHAT
GOOD
IS
GLOBALIZATION?





- 

[illegible]



Y Hablando de Mercados Potenciales para Competir

McKinsey Quarterly

Durante los próximos 13 años, 600 ciudades representarán casi el 65 por ciento de crecimiento del PIB mundial.

- ✓ ¿Cuál de ellos aportará el mayor número de niños o personas mayores a la población mundial?
- ✓ ¿Cuál estará entre las 25 ciudades por PIB per cápita?
- ✓ ¿Cómo cambiarán los patrones regionales de crecimiento?

McKinsey Quarterly

Y los líderes de negocios en su mayoría los ignoran.”

WOW!



Y Uds.?

Country	Region	Capital	Language	Religion
Benin	West Africa	Cotonou	French	Christianity
Burkina Faso	West Africa	Ouagadougou	French	Christianity
Burundi	East Africa	Gitega	French	Christianity
Cameroon	West Africa	Yaoundé	French	Christianity
Cape Verde	West Africa	Praia	Portuguese	Christianity
Central African Republic	Central Africa	Ndjamena	French	Christianity
Chad	Central Africa	Ndjamena	French	Christianity
Cote d'Ivoire	West Africa	Yamoussoukro	French	Christianity
Ethiopia	East Africa	Addis Ababa	Amharic	Christianity
Ghana	West Africa	Akuma	English	Christianity
Guinea	West Africa	Conakry	French	Christianity
Guinea-Bissau	West Africa	Bissau	Portuguese	Christianity
Kenya	East Africa	Nairobi	English	Christianity
Madagascar	East Africa	Antananarivo	French	Christianity
Mali	West Africa	Bamako	French	Christianity
Mauritania	West Africa	Nouakchott	French	Christianity
Morocco	North Africa	Rabat	Arabic	Christianity
Mozambique	East Africa	Maputo	Portuguese	Christianity
Niger	West Africa	Niamey	French	Christianity
Nigeria	West Africa	Abuja	English	Christianity
Rwanda	East Africa	Kigali	French	Christianity
Senegal	West Africa	Dakar	French	Christianity
Sierra Leone	West Africa	Freetown	English	Christianity
South Africa	South Africa	Cape Town	English	Christianity
South Sudan	East Africa	Juba	English	Christianity
Sudan	East Africa	Khartoum	Arabic	Christianity
Tanzania	East Africa	Dar es Salaam	Swahili	Christianity
Togo	West Africa	Lomé	French	Christianity
Tunisia	North Africa	Tunis	Arabic	Christianity
Uganda	East Africa	Kampala	English	Christianity
Zambia	Central Africa	Lusaka	English	Christianity
Zimbabwe	Central Africa	Harare	English	Christianity



Competitividad



- La competitividad es la única manera en la cual los países, empresas e individuos pueden verdaderamente aprovecharse de ese proceso. **La globalización no permite ineficiencias. La competitividad es la respuesta al desafío impuesto por las fuerzas globales de competencia.**
- La **brecha que existe en la competitividad** entre Ibero América y otras regiones convierte la competitividad en una prioridad. ¿Cómo pueden las empresa y los países volverse más competitivos?
- La dinámica de la globalización, acentuada por el fenómeno tecnológico, ha incrementado las operaciones comerciales y financieras, lo cual **implica mayor competencia en los mercados y, por consiguiente, obliga a mejorar la competitividad de los productos.**
- La globalización exige la transformación de los sistemas productivos y la adopción de estrategias que **incentiven el fortalecimiento de la competitividad.**



3 Governability

Gobernabilidad



- Tanto la globalización como la competitividad están **regidas fundamentalmente por las fuerzas del mercado**. Es la famosa "mano invisible" del mercado que empuja a mejorarse con el objetivo claro de aprovechar las ventajas de la globalización.
- La mejora en la gobernabilidad del estado se convierte en un requisito para que las empresas sean competitivas y el país pueda beneficiarse de la globalización.
- La mejora en la gobernabilidad del estado fuerza a una **reorientación de sus políticas públicas** de manera que éstas no restrinjan el campo de maniobra de las empresas, sino que garanticen su plena integración a una sociedad global dinámica y colmada de oportunidades.
- El papel del gobierno pasa de dirigir el desarrollo del país a establecer las bases adecuadas para que los **agentes económicos alcancen los niveles de eficiencia necesarios para competir en un mercado globalizado.**

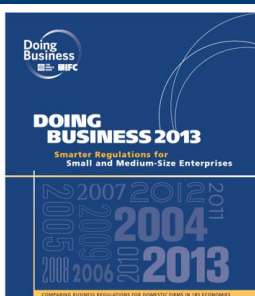
Corruption Index:

Indicates the corruption level on the public sector according to perception of businessmen and analysts



Source: Transparency International. http://www.transparency.org/policy_research/surveys_indices/cpi/2009/press_kits

Ease of Doing Business



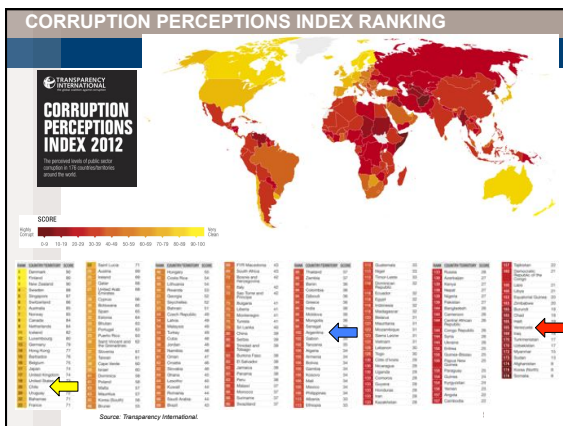
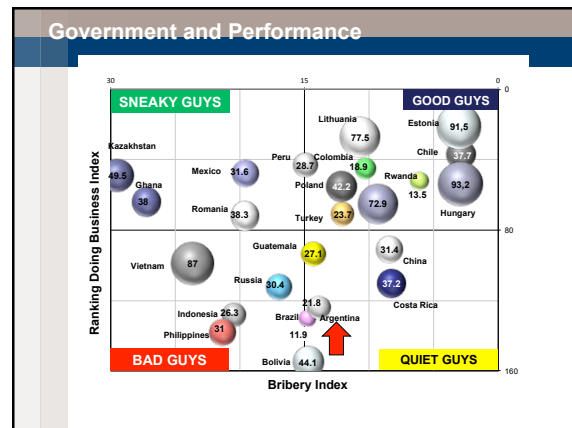
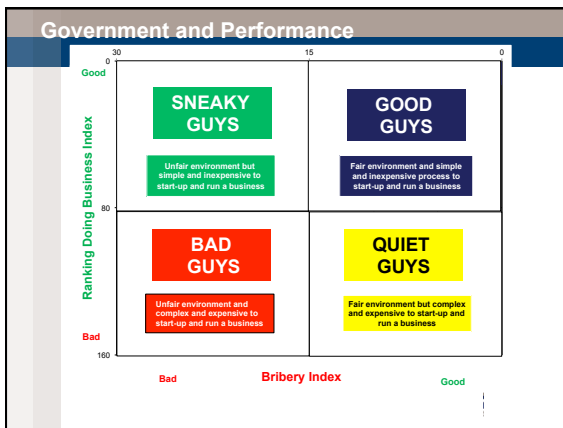
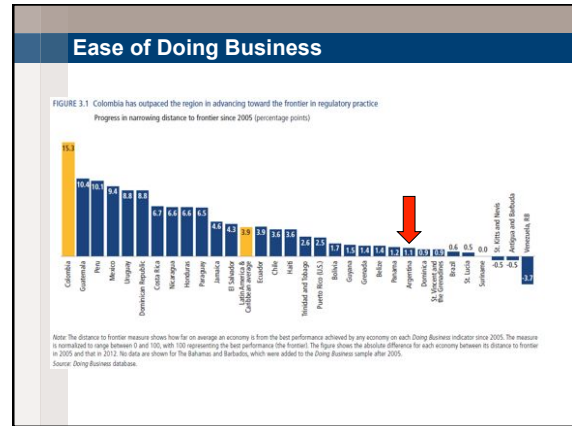
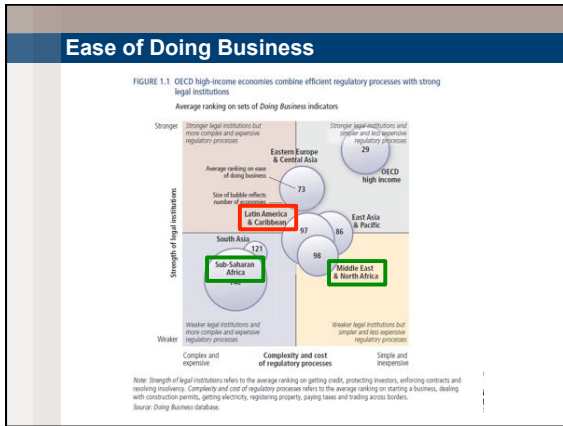
<http://www.doingbusiness.org/~media/GI/AWB/Doing%20Business/Documents/Annual-Reports/English/DB13-full-report.pdf>

TABLE 1.1 Rankings on the ease of doing business

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Singapore	8.5	41	Chile	6.5	81	Colombia	5.5
2	Hong Kong, China	8.5	42	Costa Rica	6.5	82	Peru	5.5
3	New Zealand	8.5	43	Paraguay	6.5	83	Chile	5.5
4	United States	8.5	44	Uruguay	6.5	84	Colombia	5.5
5	Denmark	8.5	45	Uruguay	6.5	85	Colombia	5.5
6	Norway	8.5	46	Uruguay	6.5	86	Colombia	5.5
7	United Kingdom	8.5	47	Uruguay	6.5	87	Colombia	5.5
8	Switzerland	8.5	48	Uruguay	6.5	88	Colombia	5.5
9	Germany	8.5	49	Uruguay	6.5	89	Colombia	5.5
10	Australia	8.5	50	Uruguay	6.5	90	Colombia	5.5
11	Canada	8.5	51	Uruguay	6.5	91	Colombia	5.5
12	Finland	8.5	52	Uruguay	6.5	92	Colombia	5.5
13	Sweden	8.5	53	Uruguay	6.5	93	Colombia	5.5
14	Belgium	8.5	54	Uruguay	6.5	94	Colombia	5.5
15	France	8.5	55	Uruguay	6.5	95	Colombia	5.5
16	Spain	8.5	56	Uruguay	6.5	96	Colombia	5.5
17	Italy	8.5	57	Uruguay	6.5	97	Colombia	5.5
18	Japan	8.5	58	Uruguay	6.5	98	Colombia	5.5
19	South Korea	8.5	59	Uruguay	6.5	99	Colombia	5.5
20	China	8.5	60	Uruguay	6.5	100	Colombia	5.5
21	India	8.5	61	Uruguay	6.5	101	Colombia	5.5
22	Brazil	8.5	62	Uruguay	6.5	102	Colombia	5.5
23	Argentina	8.5	63	Uruguay	6.5	103	Colombia	5.5
24	Mexico	8.5	64	Uruguay	6.5	104	Colombia	5.5
25	Colombia	8.5	65	Uruguay	6.5	105	Colombia	5.5
26	Peru	8.5	66	Uruguay	6.5	106	Colombia	5.5
27	Venezuela	8.5	67	Uruguay	6.5	107	Colombia	5.5
28	Ecuador	8.5	68	Uruguay	6.5	108	Colombia	5.5
29	Bolivia	8.5	69	Uruguay	6.5	109	Colombia	5.5
30	Paraguay	8.5	70	Uruguay	6.5	110	Colombia	5.5
31	Chile	8.5	71	Uruguay	6.5	111	Colombia	5.5
32	Uruguay	8.5	72	Uruguay	6.5	112	Colombia	5.5
33	Costa Rica	8.5	73	Uruguay	6.5	113	Colombia	5.5
34	Paraguay	8.5	74	Uruguay	6.5	114	Colombia	5.5
35	Colombia	8.5	75	Uruguay	6.5	115	Colombia	5.5
36	Peru	8.5	76	Uruguay	6.5	116	Colombia	5.5
37	Venezuela	8.5	77	Uruguay	6.5	117	Colombia	5.5
38	Ecuador	8.5	78	Uruguay	6.5	118	Colombia	5.5
39	Bolivia	8.5	79	Uruguay	6.5	119	Colombia	5.5
40	Paraguay	8.5	80	Uruguay	6.5	120	Colombia	5.5
41	Chile	8.5	81	Uruguay	6.5	121	Colombia	5.5
42	Uruguay	8.5	82	Uruguay	6.5	122	Colombia	5.5
43	Costa Rica	8.5	83	Uruguay	6.5	123	Colombia	5.5
44	Paraguay	8.5	84	Uruguay	6.5	124	Colombia	5.5
45	Colombia	8.5	85	Uruguay	6.5	125	Colombia	5.5
46	Peru	8.5	86	Uruguay	6.5	126	Colombia	5.5
47	Venezuela	8.5	87	Uruguay	6.5	127	Colombia	5.5
48	Ecuador	8.5	88	Uruguay	6.5	128	Colombia	5.5
49	Bolivia	8.5	89	Uruguay	6.5	129	Colombia	5.5
50	Paraguay	8.5	90	Uruguay	6.5	130	Colombia	5.5
51	Chile	8.5	91	Uruguay	6.5	131	Colombia	5.5
52	Uruguay	8.5	92	Uruguay	6.5	132	Colombia	5.5
53	Costa Rica	8.5	93	Uruguay	6.5	133	Colombia	5.5
54	Paraguay	8.5	94	Uruguay	6.5	134	Colombia	5.5
55	Colombia	8.5	95	Uruguay	6.5	135	Colombia	5.5
56	Peru	8.5	96	Uruguay	6.5	136	Colombia	5.5
57	Venezuela	8.5	97	Uruguay	6.5	137	Colombia	5.5
58	Ecuador	8.5	98	Uruguay	6.5	138	Colombia	5.5
59	Bolivia	8.5	99	Uruguay	6.5	139	Colombia	5.5
60	Paraguay	8.5	100	Uruguay	6.5	140	Colombia	5.5



No puede ser!!





¿Son estos tiempos difíciles?



- ❖ La bolsa de valores cayó un 50 por ciento
- ❖ Los bancos están en problemas y han restringido los préstamos
- ❖ Los analistas predicen quiebras industriales generalizadas
- ❖ El desempleo aumenta rápidamente
- ❖ Las tasas de interés son volátiles

Titulares

The Milken Institute

La nueva normal ... en el 2009

“El panorama de los negocios ha cambiado de manera fundamental; el medio ambiente de mañana será diferente, pero **no menos rico en posibilidades para aquellos que están preparados.”**

Ian Davis
Director mundial de gestión de McKinsey

MARZO 2009



Reacciones ...

KeyMessage

Estoy de acuerdo con... no lugar cuando esto termine. **Al contrario de los que piensan que este es el fin del capitalismo**, creo que este es un gran ejemplo de **volver a los fundamentos de nuestro negocio y garantizar que se encuentren de nuevo en marcha**.

Mehmet Demir
Director Asociado de Finanzas, Procter
Ginebra, Suiza
Marzo 12, 2009

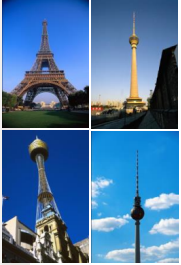


...volver a los fundamentos de nuestro negocio y garantizar que se encuentren de nuevo en marcha

- **Los recursos son Limitados**
 - Racionalizar su uso, ya que uno puede ser bueno en todo (**redefinir el Core Competence**)
- **Quién hace Qué y Dónde se convierte en algo Crítico**
 - Hay que evitar duplicar y externalizar
- **Mandado: Justificar su existencia en “nuestra” Cadena de Suministro!**



Cambio de Enfoque Gerencial: De Vertical a Horizontal



Vertical



Horizontal

Olas de Evolución ...



Waves of Evolution

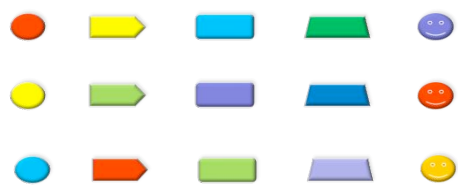
- 1) Operations/Manuf. as **Core**
- 2) Marketing as **King**
- 3) Supply Chain as **Mediator**
- 4) Innovation as **Accelerator**



... todos lidiando con el mismo problema ...

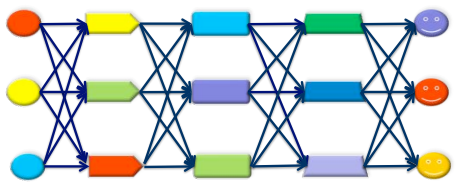
VARIABILIDAD!

Evitar la Mentalidad de "Silos"



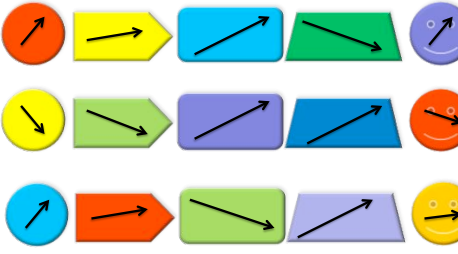
¿Valor?

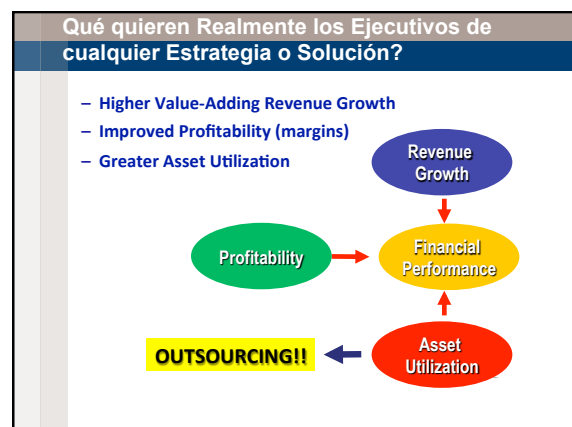
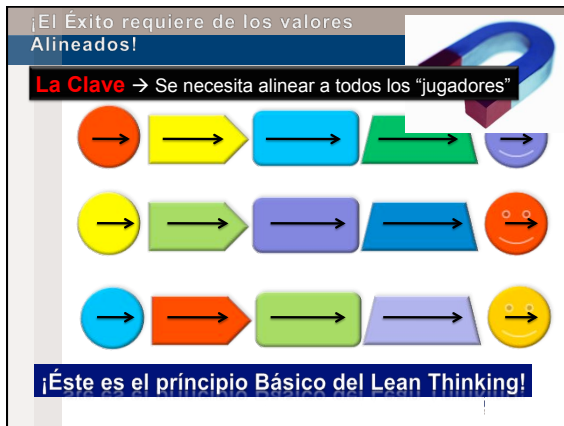
¡Los Vínculos SON Necesarios! → Integración en la Cadena de Valor



¿Valor?

¿Están los Valores Alineados?



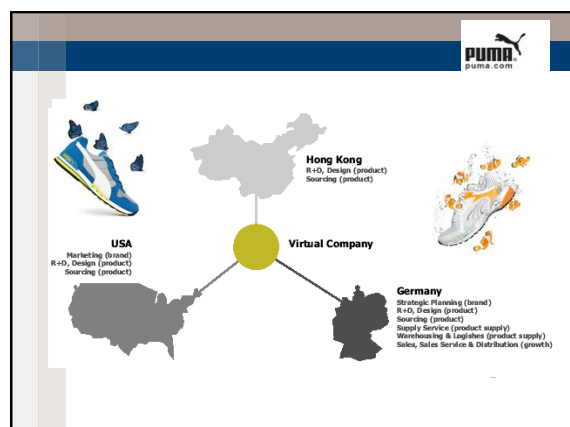
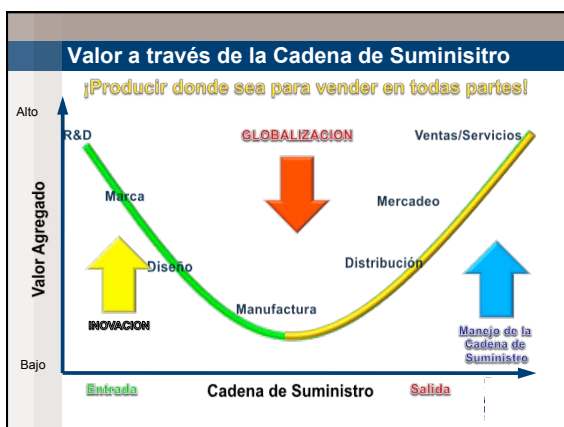
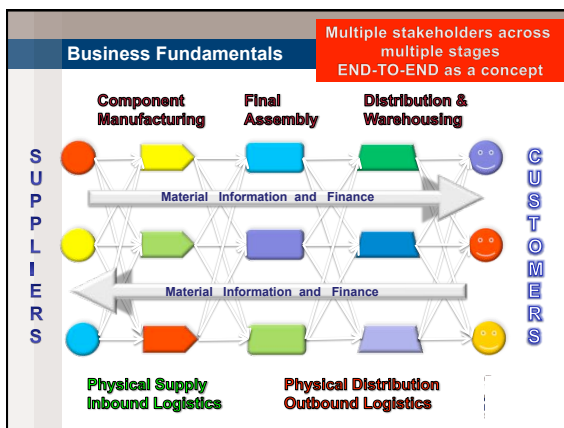


Entonces, Qué Queremos Hacer?

- Increase Revenues, Margins, Profits or Market Share? → **TODO?**



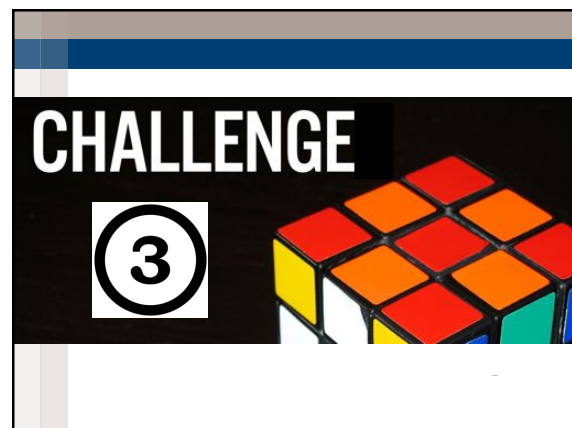
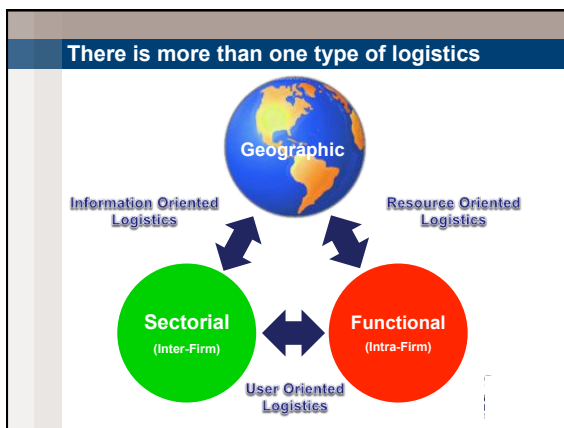
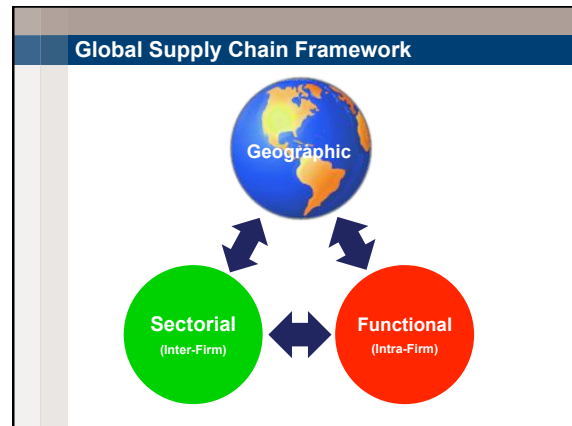
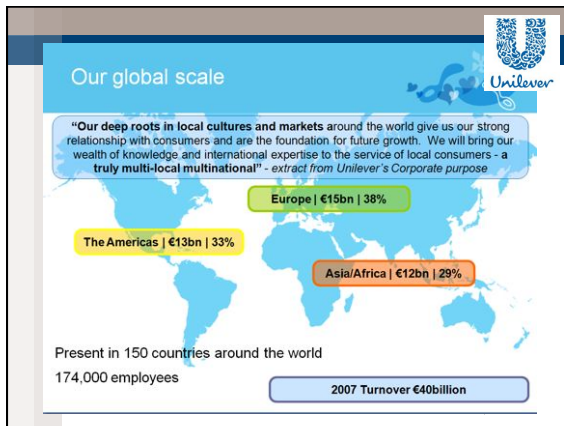
Winning is the name of the Game

Top Supply Chains 2013

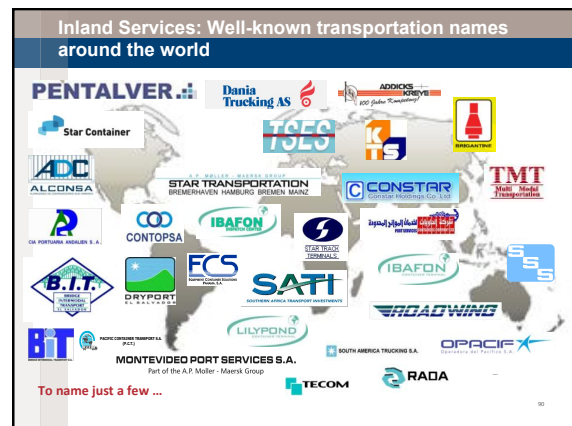
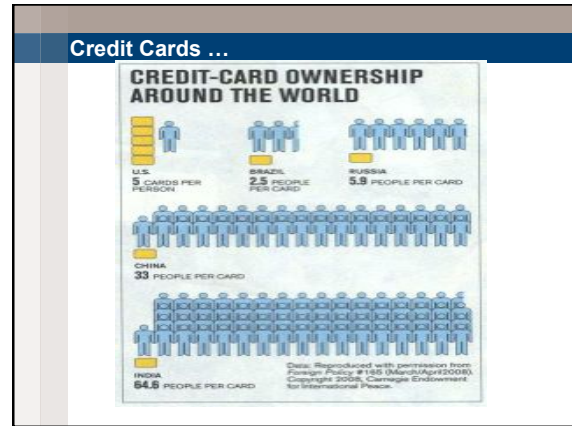
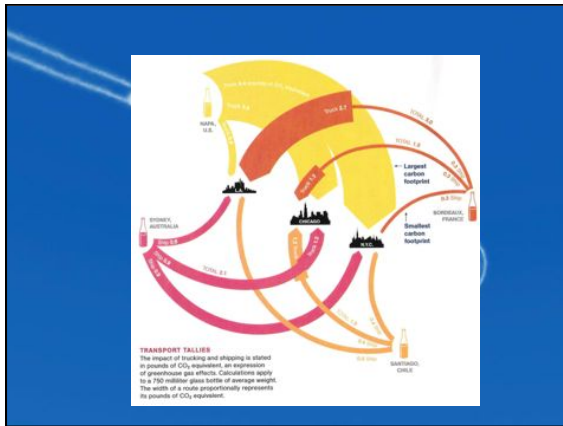
Manufacturer	Component	Cost/Unit
Toshiba (Japan)	Flash Memory	\$0.624
	Display	\$0.125
	Touch Screen	\$0.916
Samsung (Korea)	Application Processor	\$0.814
	SDRAM Module	\$0.58
	Bluetooth	\$0.911
Infineon (Germany)	Camera Module	\$0.96
	RF Transceiver	\$0.83
	GPS Receiver	\$0.825
Broadcom (US)	Power IC	\$0.85
	Function	\$0.95
	Bluetooth/PIRANIA	\$0.95
Murata (Japan)	Memory IC	\$0.645
	PEM	\$0.9135
	Power IC	\$0.9135
Dialog Semiconductor (Germany)	Power IC	\$0.9135
	Application Processor	\$0.9135
	Audio Codec	\$0.115
Rest of Bill of Materials		\$0.646
Total Bill of Materials		\$0.9172
Manufacturing costs		\$0.9172
Grand Total		\$1.8344

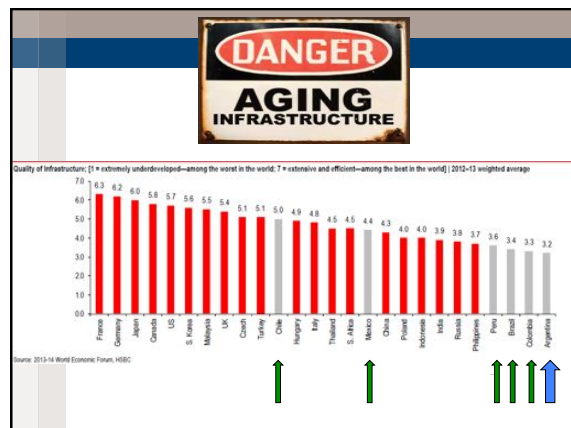
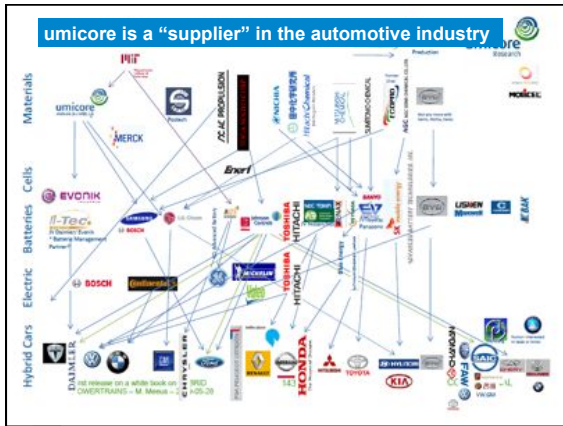


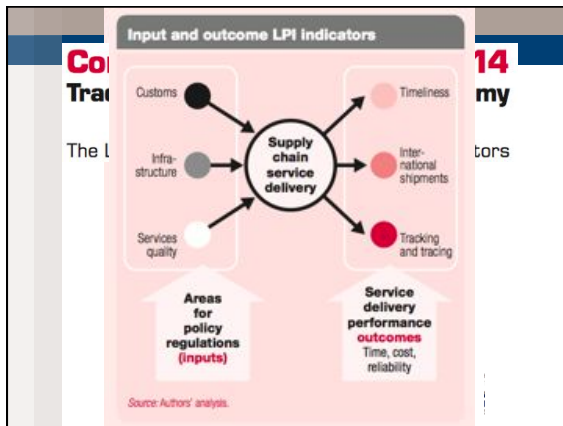


- ### Algunas fuerzas que moldean la evolución de las cadenas de suministro
- ❖ **Globalización** y Alianzas Económicas Regionales (e.j., EU, NAFTA, MercoSur, FTAA)
 - ❖ **Regulaciones** gubernamentales (e.j., contenido y restricciones de importación)
 - ❖ La **tecnología** avanza muy rápidamente (e.j., RFID)
 - ❖ **CHINA**: Un productor convirtiéndose en cliente
 - ❖ **INDIA**: Un poderoso software
 - ❖ Mejoramiento de **Infraestructura** (e.j., plataformas combinadas)
 - ❖ El **desempeño financiero** es muy importante (e.j., rentabilidad y sostenibilidad más que la cuota de mercado)
 - ❖ **Preocupación Ambiental y Responsabilidad Social** (e.j., mas conciencia)
 - ❖ El aumento de la **incertidumbre** (e.j., riesgos políticos, el terrorismo, la volatilidad del tipo de cambio, los desastres naturales)



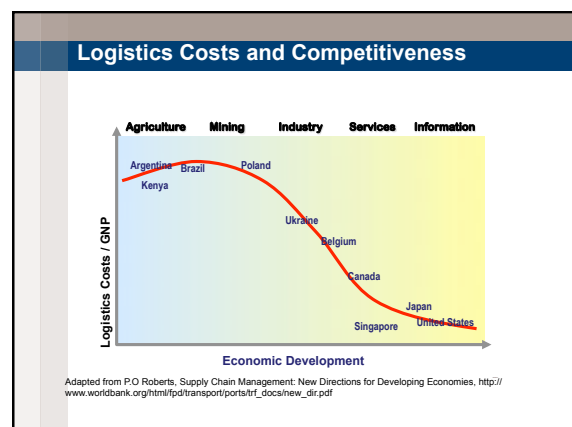


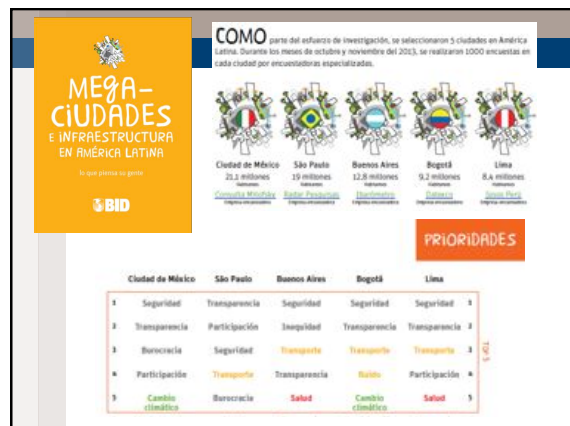
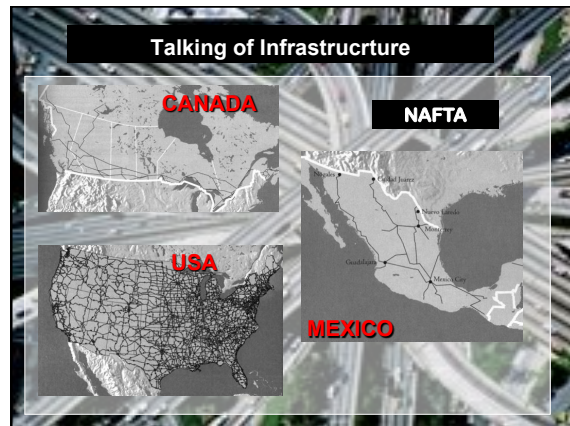
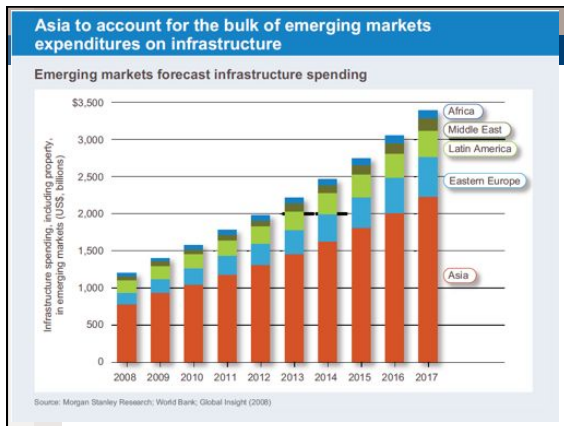




LPI ranking and scores, 2013

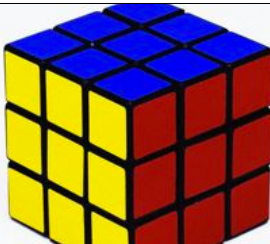
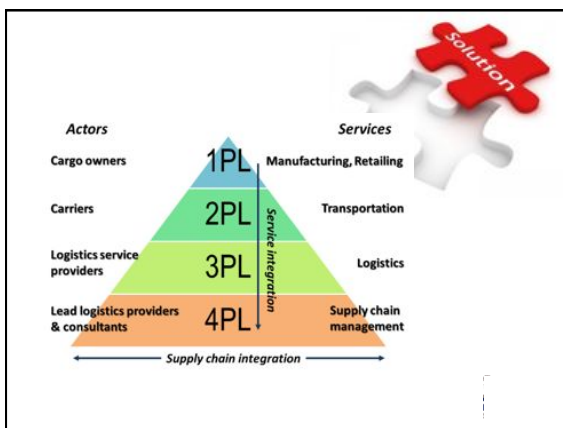
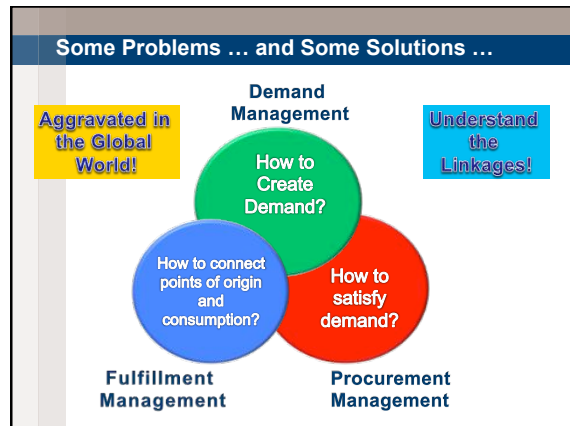
Country	2013 LPI			2013 LPI			2013 LPI		
	Score	Rank	Change	Score	Rank	Change	Score	Rank	Change
Argentina	1.12	102	1	1.12	102	1	1.12	102	1
Australia	1.12	102	1	1.12	102	1	1.12	102	1
Brazil	1.12	102	1	1.12	102	1	1.12	102	1
Canada	1.12	102	1	1.12	102	1	1.12	102	1
China	1.12	102	1	1.12	102	1	1.12	102	1
France	1.12	102	1	1.12	102	1	1.12	102	1
Germany	1.12	102	1	1.12	102	1	1.12	102	1
India	1.12	102	1	1.12	102	1	1.12	102	1
Italy	1.12	102	1	1.12	102	1	1.12	102	1
Japan	1.12	102	1	1.12	102	1	1.12	102	1
South Korea	1.12	102	1	1.12	102	1	1.12	102	1
Spain	1.12	102	1	1.12	102	1	1.12	102	1
Sweden	1.12	102	1	1.12	102	1	1.12	102	1
Switzerland	1.12	102	1	1.12	102	1	1.12	102	1
Taiwan	1.12	102	1	1.12	102	1	1.12	102	1
United Kingdom	1.12	102	1	1.12	102	1	1.12	102	1
United States	1.12	102	1	1.12	102	1	1.12	102	1
Uzbekistan	1.12	102	1	1.12	102	1	1.12	102	1
Vietnam	1.12	102	1	1.12	102	1	1.12	102	1
World	1.12	102	1	1.12	102	1	1.12	102	1





SOLUTION

1

pwc

Next-generation supply chains
Efficient, fast and tailored

PRICEWATERHOUSECOOPERS

Global Supply Chain Survey 2013
This year's global supply chain survey by PwC shows how leaders are moving ahead of the pack. They're tailoring their supply chains to customer needs and creating next-generation capabilities while keeping the focus on supply chains that are both fast and efficient.

Seis mensajes claros!

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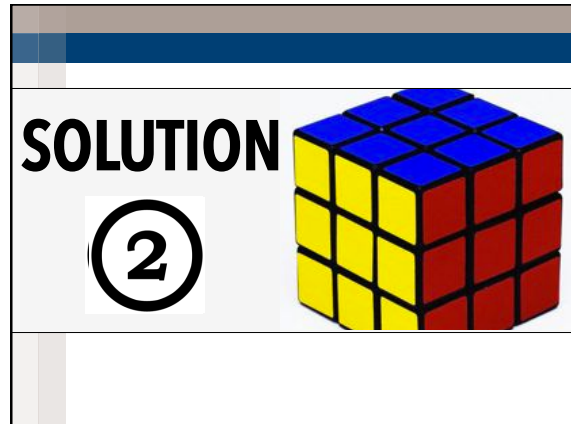
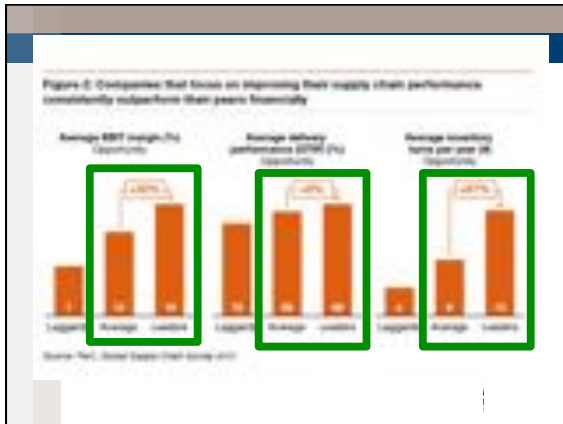
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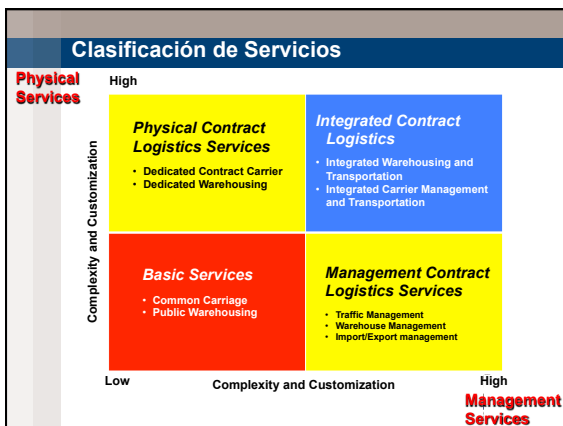
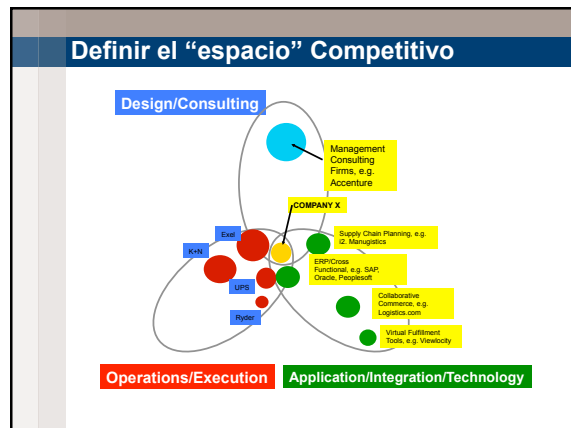
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Es importante “desagregar” el análisis!

Una Solucion Unica es muy arriesgado: utilizar la estrategia correcta de la cadena de suministro para el producto correcto, el mercado y el tiempo.



HOW TO UNDERSTAND YOUR CUSTOMER AND FEEL THEIR PAIN

"Your most unhappy customers are your greatest source of learning."

- Bill Gates

Q Question: What are the key drivers for planning 'nearshoring' or 'reshoring' – moving manufacturing/assembly closer to demand?

Table 2 – Reasons for Considering Nearshoring by Region (% of Respondents)

	Overall	North America	Europe	APAC	LATAM
Improving service levels by bringing production closer to demand	76.9%	81.3%	73.9%	76.0%	77.8%
Improving control over quality and intellectual property	54.9%	68.8%	60.9%	28.0%	66.7%
Diversification of manufacturing due to natural and socioeconomic risks	42.9%	50.0%	52.2%	28.0%	44.4%
The cost benefit of outsourcing to China or low-cost manufacturing countries is no longer compelling	37.4%	37.5%	47.8%	32.0%	33.3%
Skills or technology limitation	35.2%	25.0%	43.5%	20.0%	48.1%
Other (please specify)	6.6%	6.3%	13.0%	4.0%	3.7%

m&M Source: IDC Manufacturing Insights UPS Change in the Supply Chain Survey 2013

Q Question: What are the key reasons or barriers for not planning 'nearshoring' or 'reshoring'?

Table 3 – Reasons for Not Considering Nearshoring by Region (% of Respondents)

	Overall	North America	Europe	APAC	LATAM
The cost benefit of outsourcing to China or low-cost manufacturing countries remains compelling	50.4%	48.5%	49.2%	55.4%	42.9%
Location of key suppliers	46.3%	55.9%	60.0%	32.1%	34.3%
Current sourcing footprint best supports expected global demand demographics	44.7%	47.1%	52.3%	30.8%	57.1%
Fixed infrastructure is not moveable	39.8%	48.5%	44.6%	26.9%	42.9%
China or low-cost manufacturing countries are our default manufacturing location	33.3%	27.9%	40.2%	32.1%	22.9%
China's or low-cost manufacturing countries' growing consumer market	32.5%	36.8%	43.1%	16.7%	40.0%
Other (please specify)	8.1%	10.2%	9.2%	1.3%	5.7%

m&M Source: IDC Manufacturing Insights UPS Change in the Supply Chain Survey 2013

Uno de los problemas ...

... **Indirect spending** is a large portion of the overall corporate buy, and the ability to improve the bottom line through cost reduction dwarfs the impact on revenue that is needed to achieve the same result.

Indirect spend can comprise between 30 and 69 percent of the average company's spending. For companies in the professional and financial services industries, indirect spend can comprise virtually all the total spend dollars. Therefore, sourcing professionals are constantly challenged to improve the bottom line because of their ability to impact the profit margin versus what is required to achieve the same effect focusing purely on revenue growth.

“Considere una compañía con un margen de ganancia del 10% antes de impuestos, cada \$10 en ingresos se traduce en \$1 de contribución a la ganancia. Ellos quieren aumentar la contribución a la ganancia en \$1.

Podría reducir costos en \$1 o aumentar los ingresos \$10!

Este sencillo ejemplo ilustra porque los profesionales en logística tienen que satisfacer resultados de corto plazo en lugar de aumentar los ingresos al largo plazo.”

Source: UPS Indirect procurement outsourcing – why, how and when

SOLUTION

3

Síntomas o Causas de una mala relación?

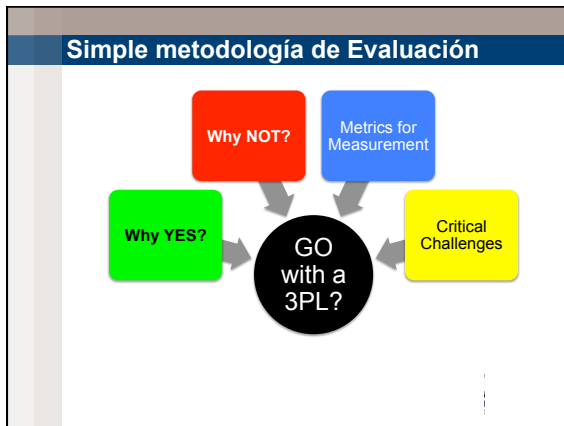


Figure 7: Reasons for Not Using 3PLs Change Over Time

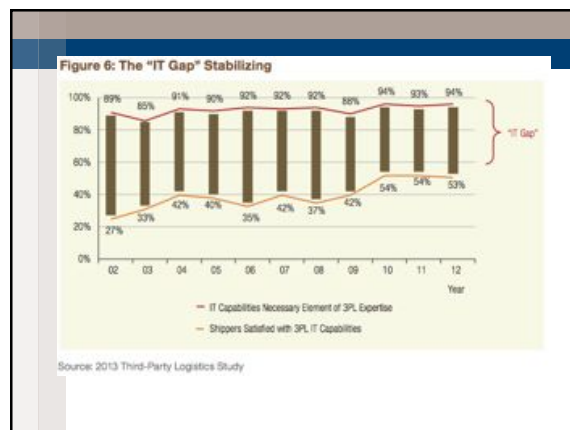
Reason	Most Frequently Occurring (Yearly Rankings and Percent Shippers Indicating Reason)						
	2013	2012	2011	2010	2009	2008	2007
Logistics Is a Core Competency At Our Firm	1	1	1	2	1	1	1
Cost Reductions Would Not Be Experienced	2	3	2	1	2	2	2
Logistics Too Important to Consider Outsourcing	3	2	4	3	4	3	4
Service-Level Commitments Would Not Be Realized	4	6	5	5	5	3	5
Corporate Philosophy Excludes the Use of Outsourced Logistics Providers	5	8	7	7	7	7	7
We Have More Logistics Expertise Than Most 3PL Providers	5	7	8	6	6	6	4
Control Over the Outsourced Function(s) Would Diminish	7	5	3	3	3	3	3
Too Difficult to Integrate Our IT Systems with the 3PL's Systems	7	4	9	10	-	-	-
Issues Relating to Security of Shipments	9	10	11	12	8	9	9
Inability of 3PL Providers to Form Meaningful and Trusting Relationships	9	12	12	11	9	10	10
Global Capabilities of 3PLs Need Improvement	11	11	9	9	9	8	8
We Previously Outsourced Logistics, and Chose Not to Continue	12	9	10	8	-	-	-

Source: 2013 Third-Party Logistics Study

Figure 4: 3PLs Offer More Logistics Services than Most Shippers Use

Outsourced Logistics Service	Shipper Percentages					3PL Percentages
	All Regions	North America	Europe	Asia-Pacific	Latin America	
International Transportation	76%	64%	86%	79%	82%	71%
Domestic Transportation	71	67	81	76	61	68
Warehousing	63	61	72	59	51	83
Freight Forwarding	53	54	60	46	47	64
Customs Brokerage	52	52	57	44	57	54
Reverse Logistics (defective, repair, return)	26	27	31	23	19	60
Cross-Docking	25	29	31	18	19	64
Product Labeling, Packaging, Assembly, Kitting	25	25	31	21	20	65
Transportation Planning and Management	22	24	27	19	15	70
Inventory Management	19	16	15	21	17	64
Freight Bill Auditing and Payment	18	32	13	11	5	34
Order Management and Fulfillment	16	20	18	16	9	65
Information Technology (IT) Services	13	16	16	14	9	50
Service Parts Logistics	12	11	14	12	12	39
Customer Service	10	8	7	17	14	67
Supply Chain Consultancy Services Provided by 3PLs	10	14	7	9	9	56
Fleet Management	8	8	8	8	9	26
LLP (Lead Logistics Provider) / 4PL Services	8	8	17	4	4	39
Sustainability/Green Supply Chain-Related Services	6	3	7	6	6	31

Source: 2013 Third-Party Logistics Study



Big Data and the Changing 3PL Role

Growing data volumes (sometimes called Big Data) has emerged as a critical opportunity for improvement for shippers and 3PLs. But is the path towards Big Data a mature rollout of last decade's technology (web applications and EDI), or in fact a disruptive innovation opportunity for 3PLs? Initial indications indeed show that Big Data is not a linear extension of the data paradigm of the 2000s, but what makes Big Data so... big? Consider, for example, the rapid growth of available data along these lines:

1. Variety: more objects are being measured
2. Frequency: the same object (such as a shipment) is logged more times during its life cycle
3. Breadth: a single record contains more specific information points
4. Accessibility: data is more standardized and more easily accessed by trading partners
5. Accuracy: more data standardization due to "say once, share often," increasing data quality

The factors above describe how the perception of the supply chain is growing, and as a consequence supply chain leaders are often drowning in data. Converting the data into business value is the heart of the challenge, and a driver for expanded 3PL relationships.

Converting the data into business value is the heart of the challenge

While focusing on moving goods may find incremental handling economies, it will likely miss the game-changing transformational insights which come from better management of big data.

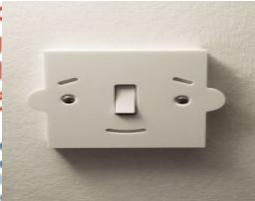
Will Big Data present opportunities or threats to 3PLs? How can 3PLs and shippers work together to manage Big Data?

BIG DATA

SOLUTION

4

Definir qué es Outsourcing?



Nuevo Concepto Importante: Switching Cost!

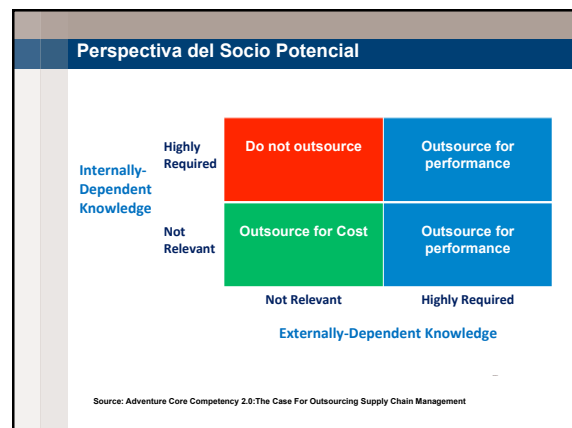
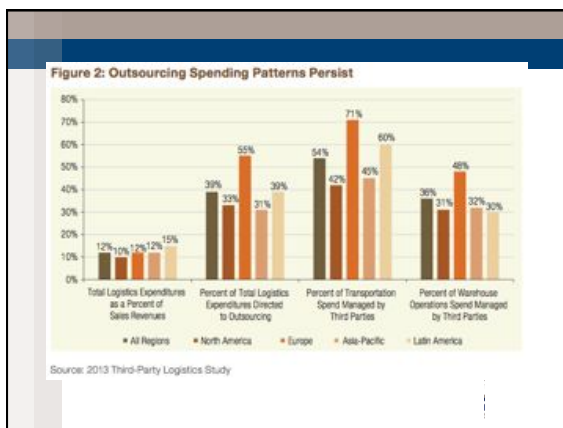
The Outsourcing Exchange

El outsourcing es una estrategia que permite a una organización externalizar algunas de sus actividades o funciones a una empresa externa. Esto puede ser beneficioso para la organización en términos de costos, eficiencia y flexibilidad. Sin embargo, también puede implicar costos de cambio (switching costs) que deben ser considerados al tomar la decisión de outsourcing.

Switching Cost



Hacer el "costo de sustitución" muy alto mientras proporciona un valor agregado importante
CALIBRAR EXPECTATIVAS



Calibrate Expectations

Relationships among knowledge types and the outsourcing decision

Internally-Dependent Knowledge: Systems, Outcomes, etc.	Highly Required	1. Do not outsource - Company Knowledge impossible to replicate - Sophisticated Functional or Industry Knowledge not required - Regulatory constraints prohibit outsourcing - If function must be outsourced, re-engineer to reduce dependency on internal knowledge (e.g., by adopting external standard) and plan for 3rd party learning curve - Examples: Regulated materials documentation	4. Outsource for performance - Partner with service provider and set up a collaborative process that leverages partner's functional skills and the company's internal knowledge - Minimize learning curve on both sides - Partner on-site presence typically required - Examples: Replenishment management for retail operations, product forecasting in short lifecycle markets
	Not Relevant	2. Outsource for cost - Capabilities and knowledge are not complex and learning curve should be short - Offshore to reduce cost of operation - Examples: Tactical procurement support, product data maintenance, basic analytics	3. Outsource for performance - Outsource to service provider with demonstrated skills in function and/or industry - It will typically be more expensive and less successful to develop sophisticated Functional Knowledge internally - Examples: Advanced statistical analytics, advanced inventory optimization, global transportation management
		Not Relevant	Highly Required
		Externally-Dependent Knowledge: Functional, Industry, etc.	

Source: Adventure Core Competency 2.0: The Case For Outsourcing Supply Chain Management

Rules for Outsourcing



- 1) Desarrollar una Estrategia Efectiva
- 2) Definir las expectativas claramente
- 3) Establecer un Buen Contrato
- 4) Medir desempeño y comunicar resultados
- 5) Ser un buen socio



Logistics Outsourcing: A Management Guide

