



Global Market Selection

Making the choices that are right for your Company



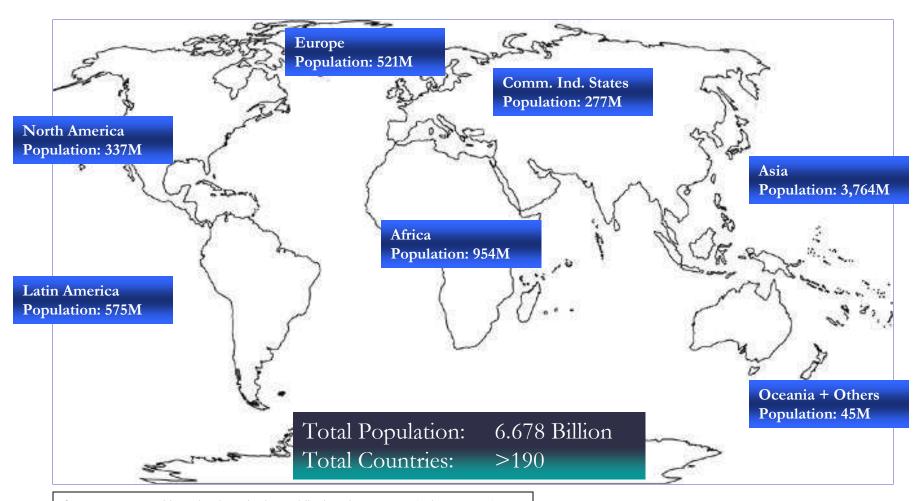
John Senese

Global Reach 2008
Cleveland State University
May 27, 2008



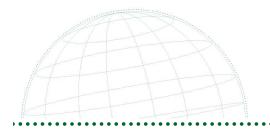


World Population



Sources: CIA World Factbook, and other public domain resources (February 2006)





Market Entry Decisions

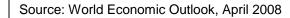






Real GDP Growth Projections

Region	2006	2007	FCST 2008	FCST 2009
European Union	2.8%	2.6%	1.4%	1.2%
Emerging Asia (includes China and India)	8.9%	9.1%	7.5%	7.8%
South America and Mexico	5.3%	5.6%	4.3%	3.6%
Central America	6.3%	6.5%	4.7%	4.6%
Emerging Europe (Excl. Russia and Turkey)	6.6%	6.2%	4.7%	4.3%
Commonwealth of Independent States (includes Russia)	8.2%	8.5%	7.0%	6.5%
Africa	5.9%	6.2%	6.3%	6.4%
Middle East	5.8%	5.8%	6.1%	6.1%
United States	2.9%	2.2%	0.5%	0.6%



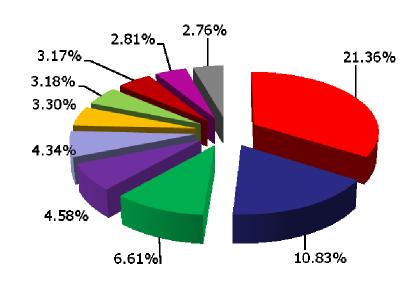






Purchasing Power Parity

Global Share of GDP, 2007



Source: IMF WEO, April 2008

- United States
- Japan
- Germany
- Russia
- Brazil

- China
- ■India
- United Kingdom
- France
- Italy

"Amount of particular currency needed to buy the same basket of goods as one unit of reference

- More meaningful way to compare GDPs
 - Adjusts for differences in price levels among countries
 - Alternative way of calculating exchange rates
- Big Mac Index





Ten Year GDP Growth Per Capita

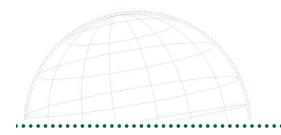
Purchasing Power Parity Per Capita GDP Growth

Region	Change '97 -'02	Change '02 -'07
Africa	15%	26%
Central and Eastern Europe	17%	34%
Commonwealth of Independent States &		
Mongolia	27%	40%
Developing Asia	26%	40%
Emerging and developing economies	19%	34%
Euro area	17%	18%
Latin America	8%	25%
Middle East	14%	27%
United States	16%	21%

Source: IMF World Economic Outlook, April 2008







PPP GDP Per Capita

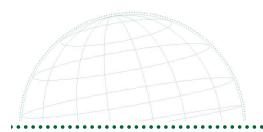
Annual % Change (Current International Dollar)

									Estimate
Country	Region	2003	2004	2005	2006	2007	2008	2009	After
South Africa	Africa	4,07%	6,07%	7,08%	6,85%	6,65%	4.62%	4.52%	2007
China	Aşiş	7/2	17.	174	10.26	7/4	9 84%	9.1127/.	2006
India	Asia	5.94%	9 (11.7%	9.56%	7%	9.53%	7 867%	7.757%	2004
Lingmen	Asis	3.27%	5.16%	5.32%	51.355*/A	4.60%	3.36%	3.29%	2005
Vietnam	Asia	7.44%	8.62%	8.90%	9.12%	8.97%	7.36%	7.19%	2005
Feland	Essienn Europe	5.72%	7.58%	6.42%		¥, (, 5, 7)	6.76%	6.15%	2008
Russia	Eastern Europe	8.87%	9,90%		%	%	8.66%	8.05%	2006
Turkey	Europe	5.50%	%	%	9.00%	6.16%	4.61%	4.75%	2007
United Kingdom	Europe	4.35%	5.61%	4.38%	5.31%	5.08%	3.25%	3.14%	2006
Brazil	Latin America	1.77%	6.48%	4.32%	5.26%	6.34%	5.16%	4.00%	2005
Mexico	Latin America	2.44%	5.57%	4.61%	6.50%	4.67%	2.79%	2.89%	2006
	Middle East	2.50%	5.80%	6.55%	6.27%	5.45%	2.72%	2.93%	2006
Emirates	Middle East	7.21%	4.73%	5.49%	8.73%	3.78%	2.14%	2.94%	2006
Canada	North America	2.94%	4.633%	5.01%	4.69%	4.16%	1.94%	2.32%	2007
Australia	South Pacific	3.77%	4.56%	4.09%	4.30%	5.19%	3.83%	3.50%	2006
United States		3.57%	5.34%	5.14%	4.87%	3.77%	1.49%	1.35%	2007





Source: IMF, World Economic Outlook Database, April 2008



What is driving the Improvement?

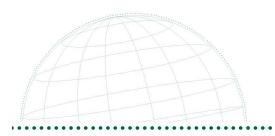
Market Reforms & "Decoupling" from Advanced economies

- Eastern & Central Europe
 - Lower Tax evasion and Prevalence of Informal Economy
- Asia
 - Trade among Asian countries
- Africa
 - Increased flexibility for hiring and firing employees and starting businesses
- Latin America
 - Consistent fiscal policies bringing interest rates down and confidence levels up
- FTAs: NAFTA, European Union, MERCOSUR, ASEAN

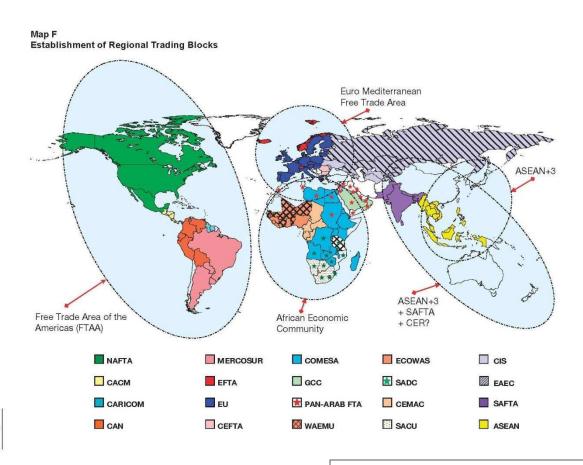
Free Trade Agreements Increasing Ability of Economies to Expand







Regional Trade Agreements World







Free Trade Agreements World



Canada

Trade Promotion Agreements (TPA)

Colombia (**)

Panama (**)

South Korea (**)

(**) Under Review by US Congress

Peru FTA

Chile FTA

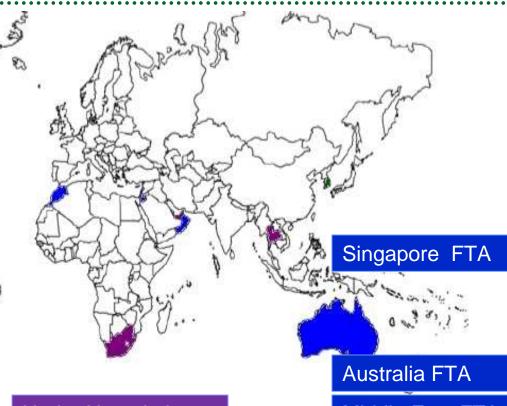
CAFTA-DR

Costa Rica Nicaragua El Salvador Honduras Guatemala Dominican Republic

Dominican republic







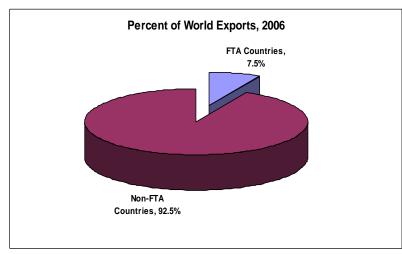
Under Negotiation

Andean Pact South Africa -Customs Union Thailand UAE Middle East FTAs

Bahrain Israel Jordan Oman Morocco



Free Trade Agreements





Advantages of FTAs

- □ Improved Market Access
- □ Transparency on Rules and Procedures
- Customs Facilitation
- □ Reduction or elimination of Tariffs
- Lower Risks

Objections to FTAs

- Effects on individual industry sectors
- Timing of reduction of Tariffs
- Trade imbalance between member countries







US Exports by Region (Selected Countries)

Source: TradeStats Express™

	_		US Dollar (000,000's)				% 600 820 500		
Rank	Country	Region	2005 904.38	2006 1.037.14	2007 1.162.70	2005 100.00	2006 100.00	2007 188.00	7
		World	0	3	8	%	%	%	10.80%
95	Shana	Africa	338	290	415	0.04%	0.03%	0.04%	38.34%
50	Nigeria	Africa	1,615	2,231	2,787	0.18%	0.22%	0.24%	19.95%
34	South Africa	Africa	3,882	4,462	5,518	0.43%	0.43%	0.47%	19.14%
15	India	Asis	7,958	10,091	17,592	0.88%	0.97%	1.51%	42.84%
80	Vietnem	Asia	1,192	1,100	1,983	0.13%	0.11%	0.16%	42.18%
4	Japan	Asia Eastern	55,410	59,649	62,665	6.13%	5.75%	5.39%	4.81%
65	Ukraine	Europe Eastern	532	756	1,342	0.06%	0.07%	0.12%	43.64%
45	Poland	Europe	1,267	1,961	3,123	0.14%	0.19%	0.27%	37.22%
30	Russia	Europe	3,942	4,717	7,365	0.44%	0.45%	0.63%	35.96%
31	Turkey United	Europe	4,274	5,730	6,586	0.47%	0.55%	0.57%	13.00%
5	Kingdom	Europe	38,629	45,393	50,296	4.27%	4.38%	4.33%	9.75%
13	Brazil	Latin America	15,345	19,228	24,628	1.70%	1.85%	2.12%	21.93%
26	Calombia	Letin America	5,415	5,795	8,560	0.60%	0.65%	0.74%	21.63%
23	Venezuela	Latin America	6,408	9,012	10,199	0.71%	0.87%	0.88%	11.65%
22	Saudi Arabia	Middle East	6,830	7,808	10,399	0.76%	0.75%	0.89%	24.92%
35	Egypt	Middle East	3,169	4,194	5,347	0.35%	0.40%	0,46%	23.25%
19	Israel	Middle East	29,732 211,42	10,964	13,019	1.08%	1.06%	1.12%	15.78%
1	Canada usiness Center International	North America	0	230,257	248,437	23.38%	22.20%	21.37%	7.32%

Global Business Center



Taxes & Duties

- Multiple Taxes Charged by Different Countries
 - Brazil
 - □ ICMS (18%), IPI (20%), PIS/COFINS (9.25%), etc.
 - Argentina
 - □ VAT (21%), Municipal (3%), Check Transactions (0.6%), etc.
 - Venezuela
 - □ VAT (15% and 14%), Municipal (0.81%), Check Transactions (0.5%), etc.
- Duties vary by Country and Industry Segment
 - □ Can range from 0% (FTA countries) to >35%







Value Added Tax (VAT)

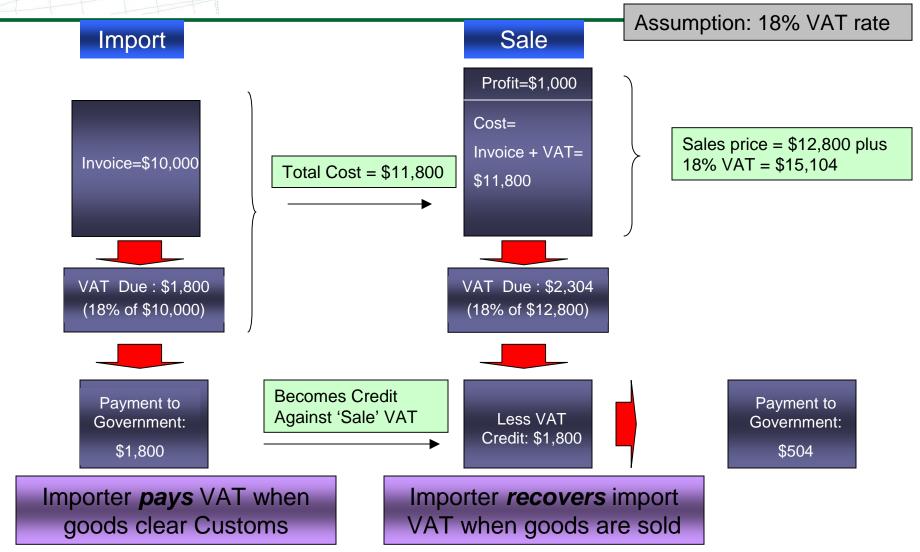
- Value Added Tax
 - Must be paid in full when goods are imported
 - Cash Flow impact
 - □ Can be as high as 21%
- VAT becomes part of the cost of the product at every stage of the commercialization process
 - Increases total tax by computing it on a larger base
 - Different from US where no sales tax is charged until the product reaches the consumer
- Importer recovers VAT paid when goods were imported after it sells the goods to someone else
- Process continues until product reaches end-user who cannot recover VAT







VAT Calculation Example









Import Duties and Taxes - Brazil

•Import Duty (I.I.)

Calculated over CIF value

•Industrialized Product Duty (I.P.I.)

Calculated over CIF value + I.I.

Social Integration Program (P.I.S.)

Calculated over CIF value + I.I. + I.P.I.

Social Fund Contribution (COFINS)

Calculated over CIF value + I.I. + I.P.I. + P.I.S.

Value Added Tax - VAT (I.C.M.S.)

Calculated over CIF value + I.I. + I.P.I. + P.I.S. + COFINS +

SISCOMEX Fee

Brazilian Importers on average pay 70% to 100% of FOB price for Duty, Taxes, Transportation and Customs

Clearing Expenses







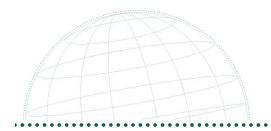
Import Cost Example - Brazil

Description	Amount
FOB price of Product	\$100,000
Ocean Freight (*)	2,400
Insurance @ 1% of FOB	1,000
CIF Price of Product	103,400
Import Duty (*) @15% of CIF	15,510
IPI Tax @ 5% of CIF + Import Duty	5,945
ICMS (*) @18% of CIF + Import Duty + IPI (Calculated as 'true' markup=(((Total/(118))-Total)	27,407
PIS/COFINS @ 9.25% - complex formula averages 12.63% of CIF	13,059
Merchant Marine Tax @ 25% of Ocean Freight cost	600
Warehousing @ .65% of CIF or min \$170 and max \$235	235
Terminal Handling Charges (Average fee) - per container	100
Contribution to Customs' brokers Union @ 2.2% of CIF or min \$71 or max \$160	160
Customs brokerage fee: Average of .65% of CIF or min \$170 or max \$450	450
SISCOMEX fee	30
Transportation Charge (Average)	35
Bank Costs @ 2% of FOB (Average cost)	2,000
Final Landed Cost	\$169,931

Source: Comissaria de Despachos Aduaneiros Ltda, Brazil







Market Entry Main Considerations

- Internal and External Analysis
- Market Size
- Imports or Exports of Similar Products
- Business Environment







Market Entry: Internal and External Analysis

- Internal Analysis
 - Manufacturing
 - Capacity Available for Exports
 - Seasonality Factors
 - Financial Capacity
 - Payment Terms
 - Currency Fluctuations
 - Product Line Review

- External Analysis
 - Competitor Presence in Region
 - Approvals and Certifications Required for entry into Markets
 - Existence of Free
 Trade Agreements
 between countries
 (not necessarily
 involving the US)







Market Entry: Market Size and Imports

Market Size

- Market Reports
 - ODOD
 - US Commercial Service
 - Research Groups
- Trade Associations
- Market Indicators
 - Sales of Complementary Products

- Imports or Exports of Similar Products
 - Import Statistics
 - Available in some countries usually for a fee
 - Generally hard to get
 - Export Statistics
 - □ Fee Based Reports
 - GTIS
 - PIERS
 - Free Reports
 - http://tse.export.gov





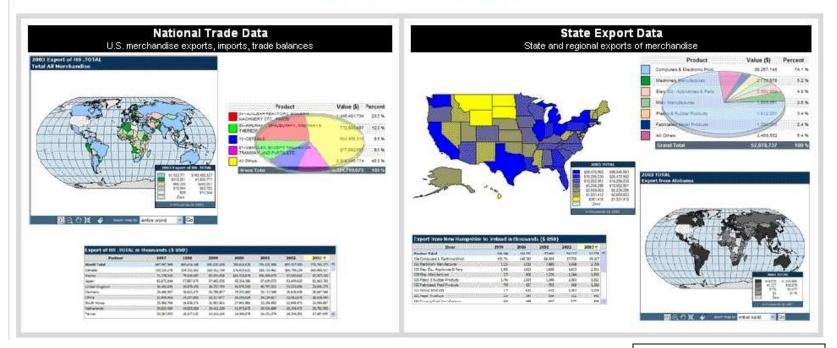


Market Entry: Export Statistics TradeStats Express™



Get the latest annual and quarterly trade data with TradeStats Express.™ Retrieve, visualize, analyze, print and download your customized output.

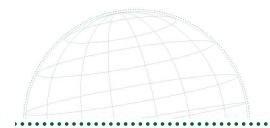
Now with First-Quarter 2007 Data



Source: http://tse.export.gov







Market Entry: Business Environment

- International Country Risk Guide
 - www.countryrisk.com
- Transparency International
 - www.transparency.org
- Inter-American Development Bank
 - www.iadb.org/businessclimate/sitio/i home.htm

Opacity Index

Developed by Joel Kurtzman (2001)

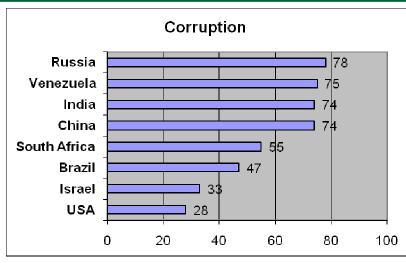
"Measures effects of lack of transparency in countries' legal, economic and governance that can confound global investment and commerce"

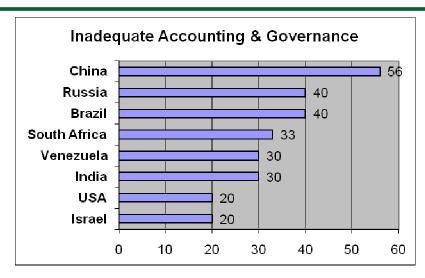


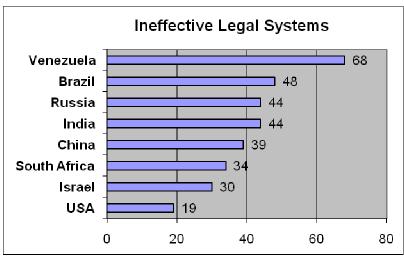


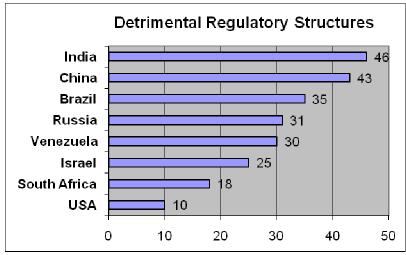


Opacity Indicators Selected Countries around the World











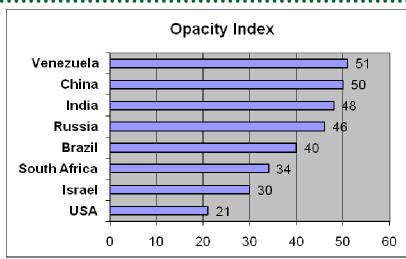


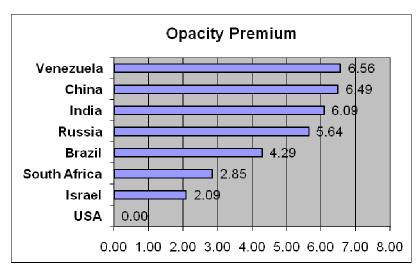
Source: The Kurtzman Group, 2004



Opacity Index

Selected Countries around the World





Opacity Index

 Enables companies to factor risk in their decision-making process

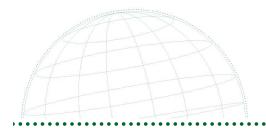
Opacity Premium

 Enables companies to estimate the return above the US they should expect in a given country to offset the risk inherent with that country





Source: The Kurtzman Group, 2004



Reforms Improve the Commercial Environment

Top Reformers (2006/2007) Protecting Enforcing Starting Getting Paying **Business** Credit **Investors** Taxes Contracts Country $\sqrt{}$ Egypt $\sqrt{}$ Georgia $\sqrt{}$ Ghana **Negative Reformers** (2006/2007)Trading Getting **Employing** Paying Across Starting Workers Country **Business** Credit Taxes Borders Venezuela Indonesia

former Soviet Union states implemented most reforms

Eastern Europe and

- Most Popular Reforms:
 - Easing Regulations
 - Reducing Tax Rates and Administrative Bureaucracy
- Egypt reduced capital requirements and fees to start business and registrations jumped 39% within 6 months

Source: Doing Business (2008 Report)







Ease of Doing Business

Country	Region	2007 Rank	2006 Rank
United States	N. America	3	3
Congo	Africa	175	178
South Africa	Africa	29	35
China	Asia	93	83
India	Asia	134	120
Singapore	Asia	1	1
Thailand	Asia	18	15
Georgia	East Europe	37	18
Poland	East Europe	75	74
Russia	East Europe	96	106
Italy	Europe	82	53
UK	Europe	6	6
Brazil	Lat. America	121	122
Chile	Lat. America	28	33
Mexico	Lat. America	43	44
Egypt	Middle East	165	126
Saudi Arabia	Middle East	38	23
Canada	N. America	4	7

- Ranks only business Regulations
- Visible Rank fosters competition among countries and drives Reforms
 - "What Gets Measured Gets Done"
- Businesses use changes in Ranks to identify countries actually implementing Reforms





Source: Doing Business (2008 Report)



Market Entry Options

- □ Direct Export
- Distribution or Agency
 - □ Through Foreign Representative
 - □ Through Local Representative
- Joint Venture
- Direct Investment
 - Greenfield or Existing Site

Working through Partners without Investing Capital

Capital Investment Required







Direct Export or Distribution: Payments

Terms of Sale

- Clock Starts Ticking When Boat Sails
- Collections always take more than 30 days from invoice date (*)
- Exchange Rate Risk
 - Importer pays in Dollars but collects in local currency







Direct Exports or Distribution: Risks to Getting Paid

- Customer or Distributor Default
- Country Risk
 - □ Argentina (2002)
 - Suspension of Payments
 - Individual Savings lost
 - Brazil (late 90's)
 - Extension of payment terms to 365 days DBL
 - Thailand (1997)
 - Collapse of Baht led to Asian financial crisis
 - Venezuela (Present)
 - CADIVI (Venezuelan Foreign Exchange Commission)
 - Artificial Exchange Rate
 - Lengthy collection cycles lead to 'creative' billing by US companies
- Availability of Hard Currency
 - Also affected by Country's monetary policies







Direct Export or Distribution: Billing Option (Venezuela)

Step 1

Seller Generates Sales Invoice

Payment Terms stated as D150 DBL Customer Wires Funds for Invoice Amount Directly to Seller from Account in U.S.

Goods Are Exported

Step 2

Customer Clears Goods and Forwards copy of Seller's Invoice to CADIVI

Bank Wires funds to Seller on Due Date

Seller Receives
Payment from Bank
in Venezuela

Step 3

Seller Wires Amount Received from Venezuela to Customer's Account in U.S.

Itac

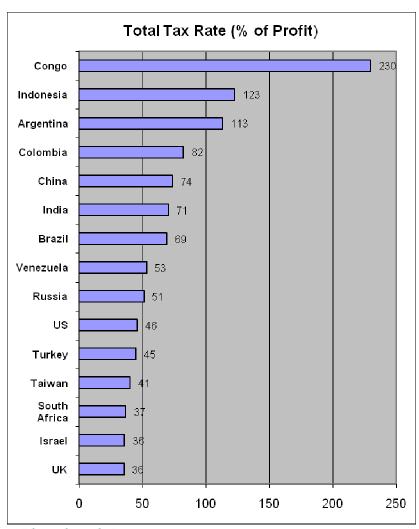
Disclaimer: For Illustration Purposes Only.

Please consult with an attorney familiar with International Law before agreeing to this type of payment arrangement





Direct Investment or JV: Total Tax Burden By Country



- Includes all Compulsory Taxes payable by Companies
 - Corporate Income
 - Pension or Insurance Funds
 - Property
 - Property Transfers
 - Dividend & Capital Gains
 - Financial Transactions
 - Vehicle tax
- Africa is region with highest business tax rates
 - Congo, Sierra Leone Burundi, Gambia and CAR all above 200% of profits





Source: Doing Business, 2008 Report



Direct Investment or JV: Interest Rates

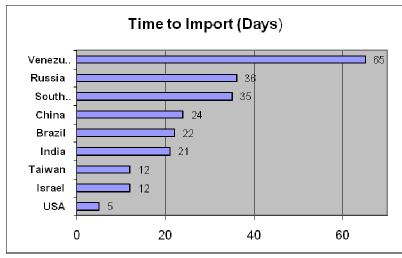
- Generally higher in Emerging Economies
 - Reflect Country and Political Risk premiums
 - Tight Monetary Policies in some countries keep interest rates at higher levels than in the US
 - Brazil reduced overnight inter-bank interest rate ("Selic") from 20% to 12.5% during the past 2 years Still high compared to US rates
 - Business Attitude towards changes in the economy adds significant risk premium to street rates
 - □ Brazil: 3% to 4% per month charged on open balances.
- Overall Cost of Borrowing higher than US

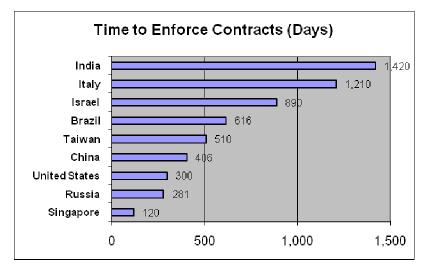






Direct Investment or JV: Bureaucracy and Legal Systems





Imports Streamlined

- □ <u>India</u>: 7 day reduction in clearing time for imports
- □ Saudi Arabia: Eliminated need for consular invoice
- Risk Management procedures implemented
- Dispute resolution can vary widely
 - <u>India</u>: Government biggest litigator
 - <u>Eastern Europe</u>: Several countries now focus on efficient resolution
 - □ Poland: 730 days to 580 days
 - Bulgaria: Random judges





Source: Doing Business (2008 Report)





So How do you put all this to Work?

Step 1 Identify the Countries

Countries
that are
attractive for
your
Products,
Technology
or Services

- MarketReports
- TradeStatistics
 - Imports
 - Exports
- Industry Associations

Step 2

Evaluate the Business Environment for the Countries Selected

- OpacityIndex
- Credit Indicators
- Ease of Doing Business
- TaxBurdens

Step 3

Evaluate your Company's Capabilities in the Context of the Countries and Environments Selected

- MFG Capacity
- Seasonality
- Financial Capacity
- Technology Ranking
- Approvals Required

Cleveland State
University
Global Business Center



Combine All Three Steps and

Select the Markets that are Right for YOU!



Example: US Exports Chapter 87: Vehicles...except trams, parts...

	January – December Full Year Data									
			U.S. Dollar (000,000's)			% Change				
Rank	Country (*)	Region	2005	2006	2007	2005	2006	2007	2006/2007	
		World	83,161	92,703	106,994	100.00 %	100.00 %	100.00 %	13.36%	
5	Australia	South Pacific	1,669	2,061	2,301	2.01%	2.22%	2.15%	10.43%	
20	Brazil	Latin America	617	685	693	0.74%	0.74%	0.65%	1.15%	
1	Canada	North America	42,671	46,090	49,778	51.31%	49.72%	46.52%	7.41%	
7	China	Asia	939	1,291	1,970	1.13%	1.39%	1.84%	34.45%	
69	India	Asia	61	68	74	0.07%	0.07%	0.07%	9.25%	
25	Israel	Middle East	250	286	364	0.30%	0.31%	0.34%	21.31%	
8	Japan	Asia	1,611	1,732	1,873	1.94%	1.87%	1.75%	7.50%	
2	Mexico	Latin America	11,322	12,236	13,419	13.61%	13.20%	12.54%	8.81%	
36	Poland	Eastern Europe	27	25	63	0.03%	0.03%	0.06%	59.69%	
11	Russia	Eastern Europe	524	745	1,333	0.63%	0.80%	1.25%	44.11%	
50	Turkey	Europe	73	82	137	0.09%	0.09%	0.13%	40.05%	

(*) Selected Countries

Cleveland State University Global Business Center



Source: TradeStats Express™



Global Market Selection Tool

Market Focus: Vehicles (Ch 87 Schedule B)

Country	Market \	Market Variables (Step 1)						Country Factors (Step 2)					Company Factors (Step 3)			
	E	ports (Mai \$Millions	•	Export Growth	GDP PPP % Change 2008	FTA	COR	CRE	OI	ОР	EODB	MFG	SEA	APP	TECH	
	2005	2006	2007	'06 to '07	2006					0.00						
Australia	1,669	2,061	2,301	10.43%	3.50%	YES	19	5	21	0.00 %	9	YES	FAV	YES	10	
Hrazii	617	685	893	1,15%	4.00%	NO	47	5	40	74	122	NO	FAY	NO	8	
Canada	42,671	46,090	49,778	7.41%	2.32%	YES	26	6	23	% 	7	YES	NEU	YES	8	
China	18338	1,2981	1,878	78.8E7	8.80%	84£3	24	4	ist	8.09	353	YER	DIFE.	146	78	
ludia	#3	935	74	0.76%	2.2990	M()	- 44	ā.	45	77.	120	788	FAV	P843	10	
Israel	250	286	364	21.31%	2.93%	YES	33	5	30	2.09 %	29	YES	NEU	YES	10	
Japan	1,011	1,732	1,973	7.56%	3.29%	NO	20	- 6	29	74.	12	YES	BEB	NO	â	
Mexico	11,322	12,236	13,419	0.01%	2.09%	YES	65	6	44	5,01 %	44	NO	NEU	YES	10	
Poland	27	25	63	52.63%.	5.15%	NO	53	4	41	4.43	74	NO	NEU	NO	8	
Russia	524	745	1,333	44.11%	8.85%	NO	78	4	46	- 1, H 4	105	YES	NEU	YES	10	
Turkey	73	82	137	40.05%	4.75%	NO	67	5	43	4.95 %	57	YES	FAV	YES	7	
States					1.35%		28	6	21	0.00 %	3					

FTA=Free Trade Agreement TPA=Trade Promotion Agreement

COR=Corruption Index **CRE**=Credit Indicator **OI**=Opacity Index **OP**= Opacity Premium

EODB= Ease of Doing Business **MFG**=Sufficient Manufacturing Capacity

SEA= Seasonality **APP**=Approvals **TECH**= Technology Rating (Company point of view)





Selection Criteria:

Export Growth: >7%	CRE: >= 5	MFG: Yes
GDP Change: >1.35%	OI:= <43	SEA: FAV or NEU
FTA: Preferable	OP: <6%	APP: Yes
COR: =<74	EODB: <110	TEC: >=7







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