



OWEC



Pacific Crossroads

A Roundtable
Discussion Paper

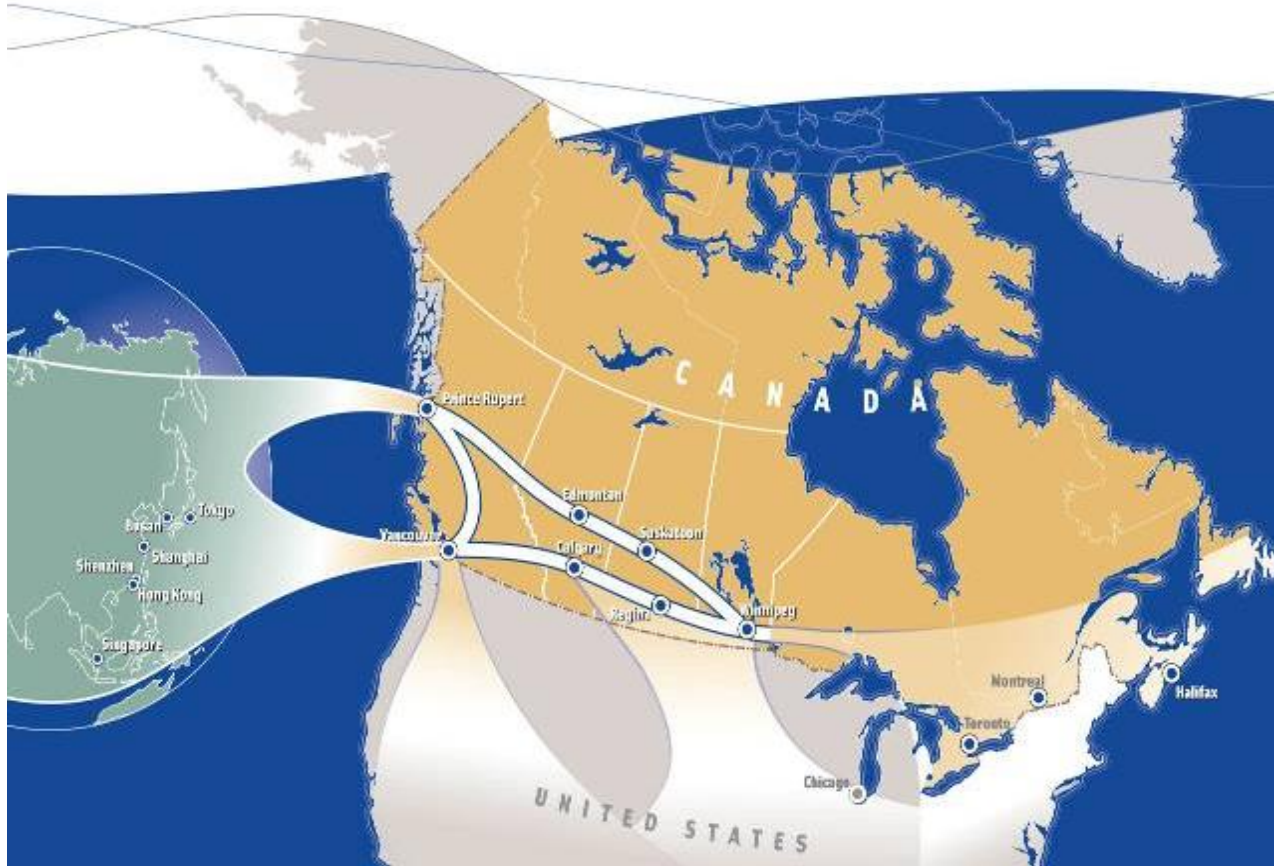
Barry Prentice
Graham Parsons



The Gateway & Corridor Challenge

Becoming Competitive with the World

Creating Benefits for Canada



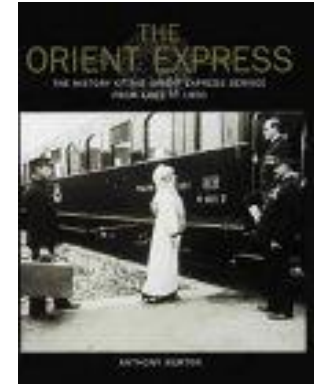
DEFINING GATEWAYS AND CORRIDORS

Marco Polo on the Silk Road – Eurasian Land Bridge

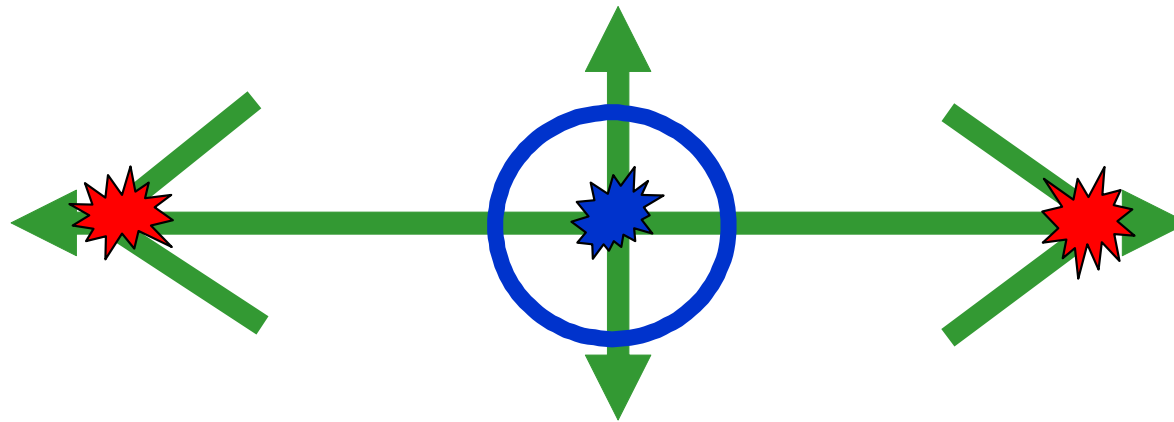


DEFINING GATEWAYS AND CORRIDORS

Orient Express – London to Istanbul Through Europe to Asia Minor



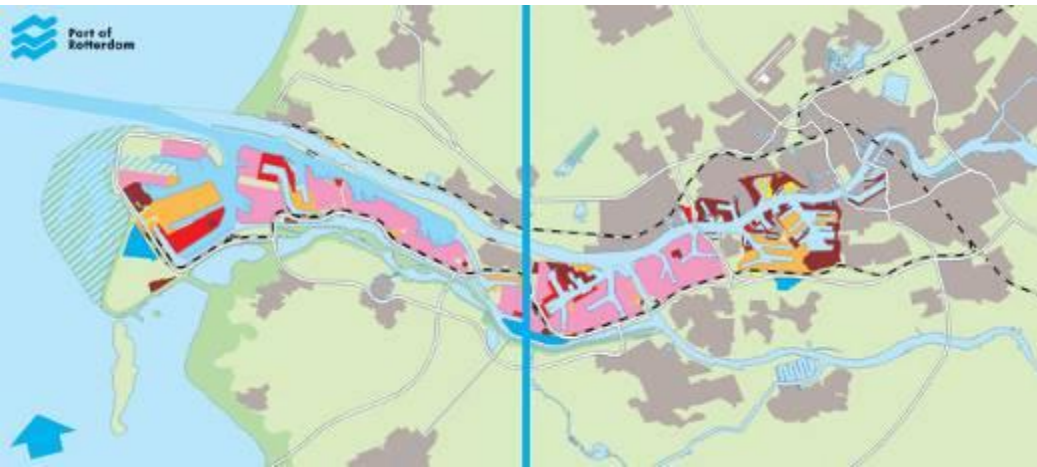
Hubs and Gateways on Trade Corridors



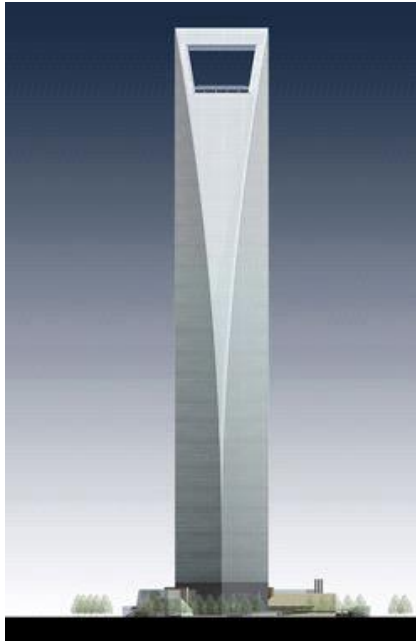
**Gateway
City**

**Hub
City**

**Gateway
City**



ASIAN GROWTH, TRADE AND TRANSPORTATION



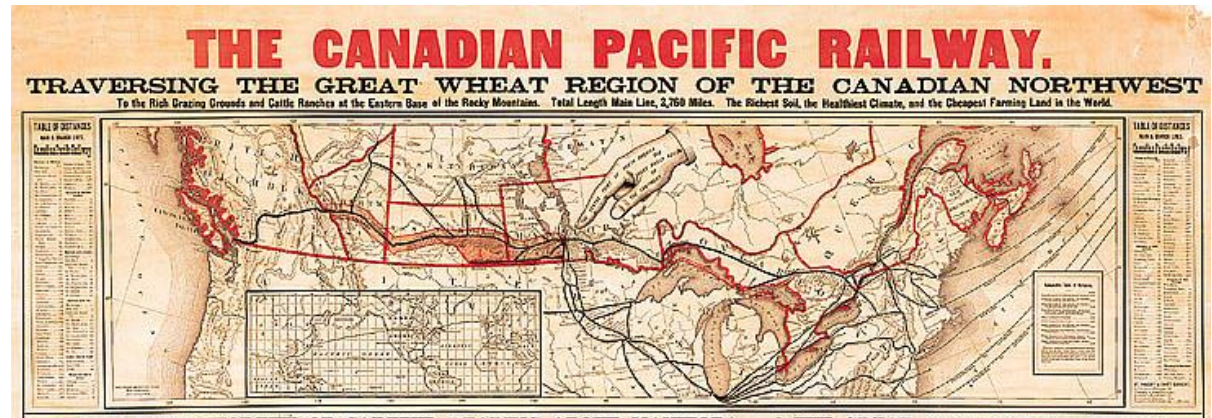
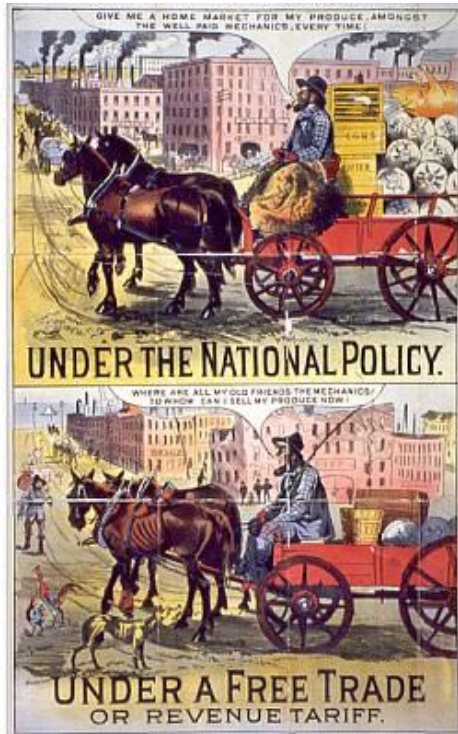
Value of North American Merchandise Trade with China 2000 and 2004



CANADA'S TRANSPORTATION SYSTEM AND POLICY FRAMEWORKS

Foundations for Western Transportation

Sir John A Macdonald's National Policy

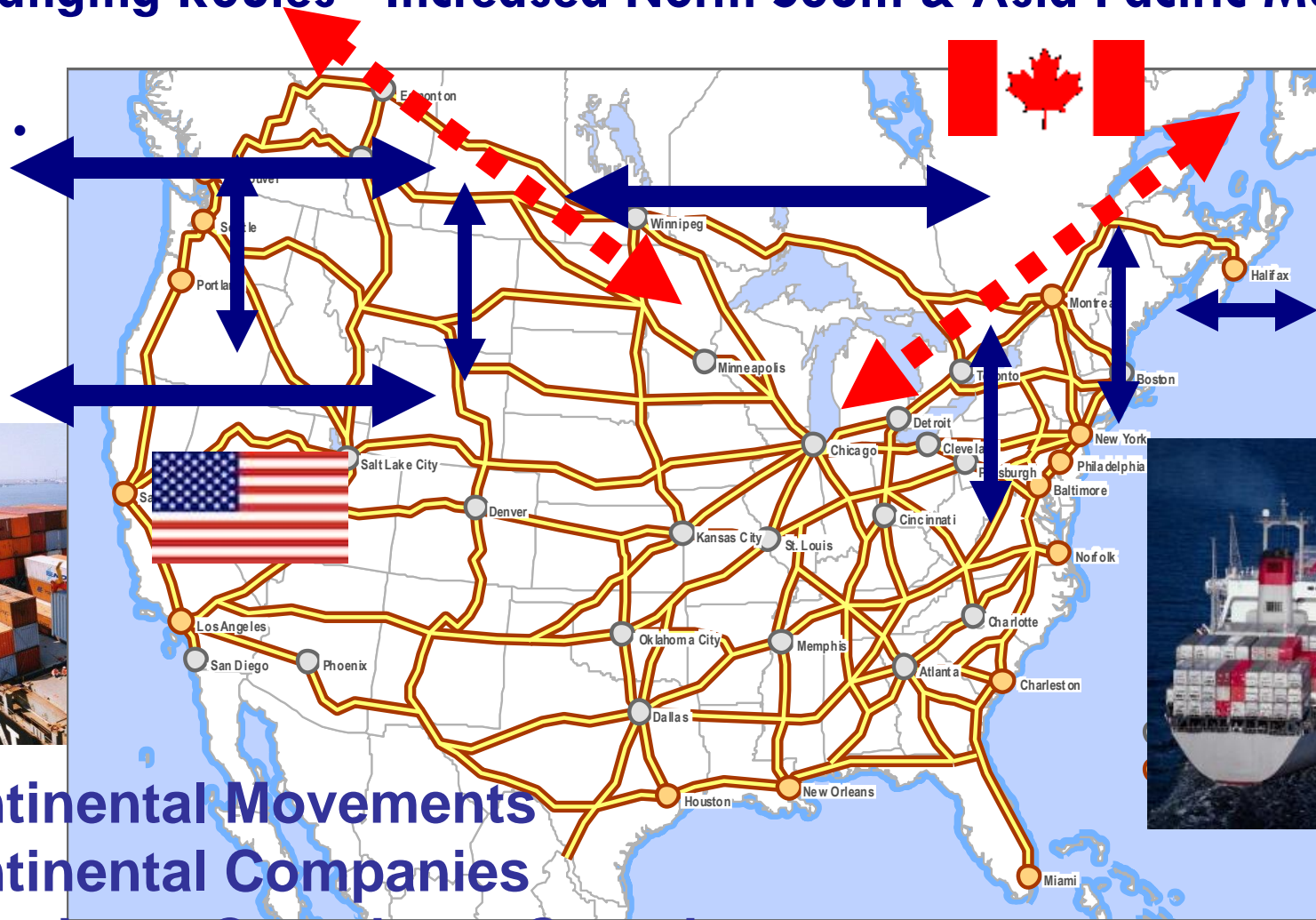


The East West Connection



CANADA'S TRANSPORTATION SYSTEM AND POLICY FRAMEWORKS

Changing Routes - Increased North South & Asia Pacific Movements



Continental Movements
Continental Companies
Containers Containers Containers

ISSUES AND THEMES FOR DISCUSSION

Area 1: Theory of Gateways and Corridors in Transportation and Regional Economics

Relationship between Gateways, Corridors and Development

- *global cities and hierarchies*
- *roles and functions*
- *evolution*
- *geography*
- *hinterlands*
- *goods and people*
- *connectivity*
- *flows and places*

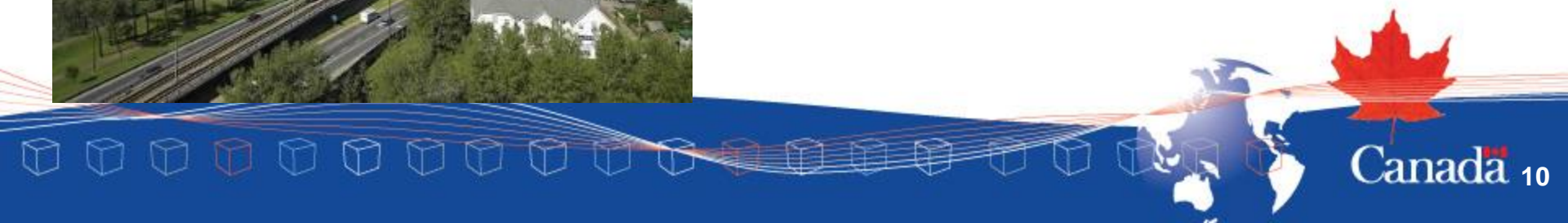


ISSUES AND THEMES FOR DISCUSSION

Area 2: Supply Chains, Gateways and Corridors

Routing of Traffic between Asia and North America

- *emerging global supply-chain logistics networks*
- *continental integration*
- *gateway choice*

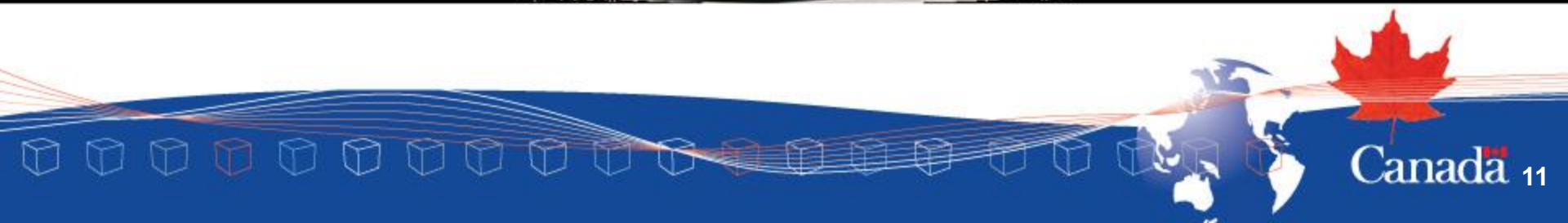


ISSUES AND THEMES FOR DISCUSSION

Area 3: Gateways, Corridors and Competitiveness

Distance and competitiveness

- *emerging continental and transcontinental networks*
- *barriers to trade*
- *strategic partners*
- *Interregional linkages*
- *Asian-North American – European Competition*

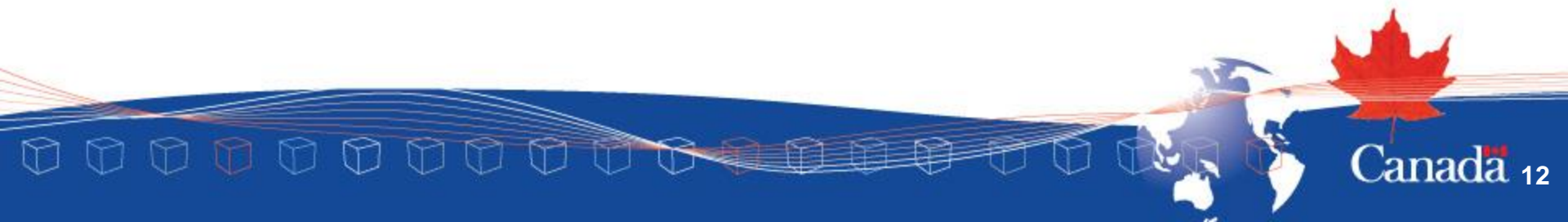


ISSUES AND THEMES FOR DISCUSSION

Area 4: Institutional Frameworks for Governance

Trans-national policy issues

- *spatial policy boundaries*
- *multinational transport networks and corporations*
- *trading blocs and internal free trade*
- *harmonization of regulations and practices*



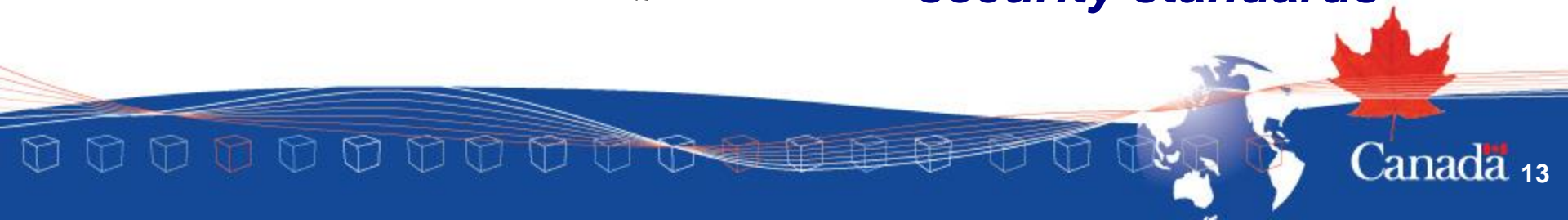
ISSUES AND THEMES FOR DISCUSSION

Area 6: Smart Gateways and Corridors -- Borders & Security



Trade and security

- ***terrorism threats***
- ***product safety and standards***
- ***documentation and tracking***
- ***new technology***
- ***efficiency***
- ***security standards***



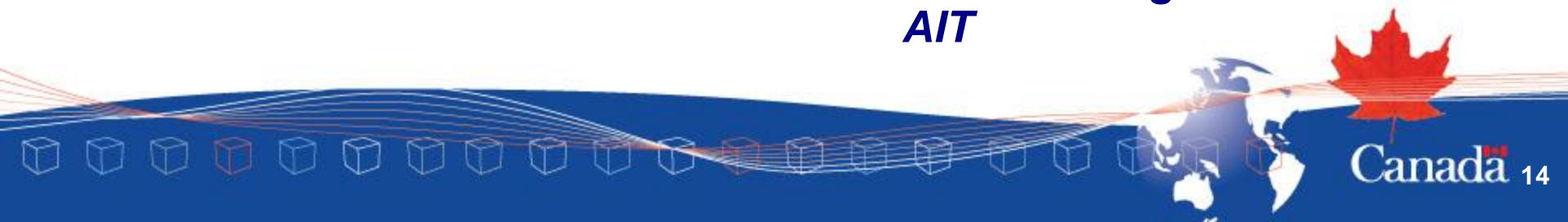
ISSUES AND THEMES FOR DISCUSSION

Area 7: Information Management



**Seamless movements
across modes and
geographic boundaries**

- *objectives*
- *performance indicators*
- *measures of success*
- *institutional impediments*
- *data requirements, collection, and sharing*
- *security costs and benefits*
- *Regulatory harmonisation*
- *Trade Arrangements – NAFTA-AIT*



ISSUES AND THEMES FOR DISCUSSION

Area 8: Public and Private Investments in Gateways and Corridors

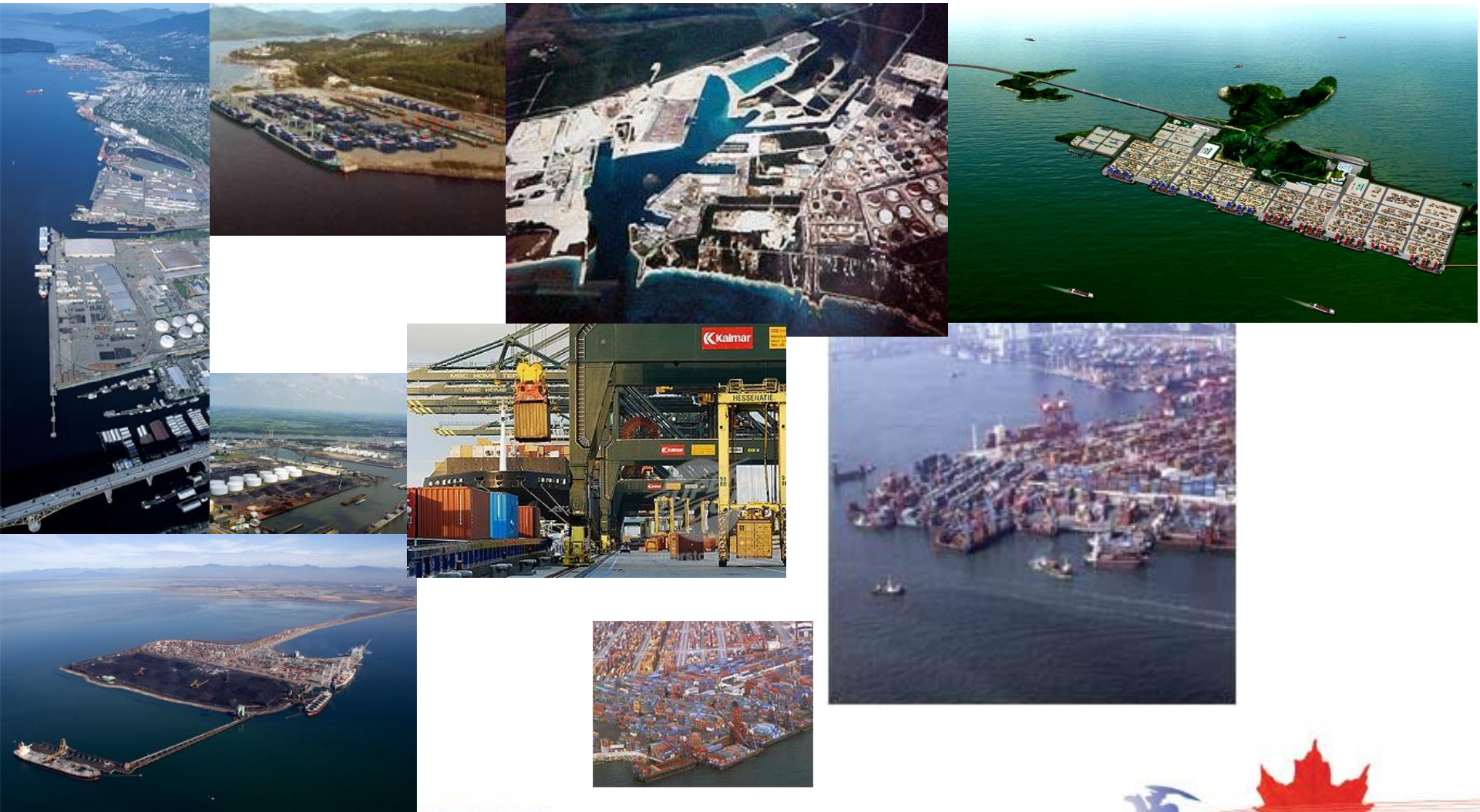
Assessing the economics of trade infrastructure

- *financing corridor and gateway development*
- *co-production and cooperation*
- *key bottleneck removal*
- *multi modal Infrastructure*
- *inland ports, corridors and coastal gateways*
- *regulatory preferences*
- *fiscal regimes*
- *Public private contributions*



ISSUES AND THEMES FOR DISCUSSION

Area 9: Review of International Best Practices

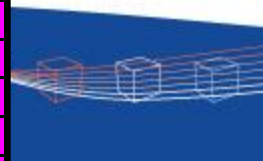


World Shipping Traffic

Total Cargo and Container Traffic 2005

Where are the Gateways?

TOTAL CARGO VOLUME, METRIC TONS (000s)				
RANK	PORT	COUNTRY	MEA	TONS
1	Singapore	Singapore	FT	393,418
2	Shanghai	China	MT	378,962
3	Rotterdam	Netherlands	MT	352,563
4	Ningbo	China	MT	225,850
5	Hong Kong	China	MT	220,879
6	Busan	South Korea	RT	219,760
7	Guangzhou	China	MT	215,190
8	Tianjin	China	MT	206,161
9	South Louisiana, LA	United States	MT	203,517
10	Houston, TX	United States	MT	183,419
11	Nagoya	Japan	FT	182,289
12	Chiba	Japan	FT	169,254
13	Kwangyang	South Korea	RT	165,875
14	Qingdao	China	MT	161,650
15	Ulsan	South Korea	RT	156,517
16	Kaohsiung	Taiwan	MT	152,468
17	Antwerp	Belgium	MT	152,327
18	Qinhuangdao	China	MT	150,320
19	Dalian	China	MT	145,162
20	New York/New Jersey	United States	MT	138,328
21	Shenzhen	China	MT	135,246
22	Yokohama	Japan	FT	126,960
23	Hamburg	Germany	MT	114,484
24	Inchon	South Korea	RT	113,073
25	Port Hedland	Australia	MT	108,500



CONTAINER TRAFFIC (TEUs, 000s)			
RANK	PORT	COUNTRY	TEUs
1	Hong Kong	China	21,984
2	Singapore	Singapore	21,329
3	Shanghai	China	14,557
4	Shenzhen	China	13,615
5	Busan	South Korea	11,430
6	Kaohsiung	Taiwan	9,714
7	Rotterdam	Netherlands	8,281
8	Los Angeles	United States	7,321
9	Hamburg	Germany	7,003
10	Dubai	United Arab Emirates	6,429
11	Antwerp	Belgium	6,064
12	Long Beach	United States	5,780
13	Port Kalang	Malaysia	5,244
14	Qingdao	China	5,140
15	New York/New Jersey	United States	4,478
16	Tanjung Pelepas	Malaysia	4,020
17	Ningbo	China	4,006
18	Tianjin	China	3,814
19	Tanjung Priok	Indonesia	3,597
20	Laem Chabang	Thailand	3,529
21	Bremen/Bremerhafen	Germany	3,469
22	Tokyo	Japan	3,358
23	Guangzhou	China	3,308
24	Gioia Tauro	Italy	3,261
25	Algeciras	Spain	2,937

ISSUES AND THEMES FOR DISCUSSION

Area 9: Review of International Best Practices

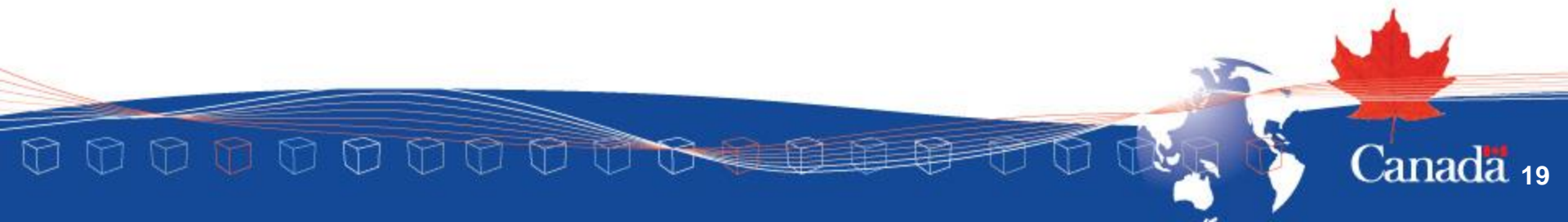
Top 25 North American Container Ports, 2005

2005 Rank	Port (State/Province)	Country	2005	2004	Absolute Change	Percent Change	2004 Rank
1	Los Angeles (CA)	United States	7,484,624	7,321,440	163,184	2.2%	1
2	Long Beach (CA)	United States	6,709,818	5,779,852	929,966	16.1%	2
3	New York/New Jersey	United States	4,792,922	4,478,480	314,442	7.0%	3
4	Oakland (CA)	United States	2,272,525	2,043,122	229,403	11.2%	4
5	Seattle (WA)	United States	2,087,929	1,775,858	312,071	17.6%	8
6	Tacoma (CA)	United States	2,066,447	1,797,560	268,887	15.0%	7
7	Charleston (SC)	United States	1,986,586	1,863,917	122,669	6.6%	5
8	Hampton Roads (VA)	United States	1,981,955	1,808,933	173,022	9.6%	6
9	Savannah (GA)	United States	1,901,520	1,662,021	239,499	14.4%	10
10	Vancouver (BC)	Canada	1,767,379	1,664,906	102,473	6.2%	9
11	San Juan (PR) (fy)	United States	1,727,389	1,625,704	101,685	6.3%	11
12	Houston (TX)	United States	1,582,081	1,437,585	144,496	10.1%	12
13	Montreal (QU)	Canada	1,254,560	1,226,296	28,264	2.3%	13
14	Honolulu (HI) (fy)	United States	1,077,468	1,041,455	36,013	3.5%	14
15	Miami (FL) (fy)	United States	1,054,462	1,009,500	44,962	4.5%	15
16	Manzanillo (COL)	Mexico	873,976	830,777	43,199	5.2%	16
17	Port Everglades (FL) (fy)	United States	797,238	653,628	143,610	22.0%	18
18	Jacksonville (FL) (fy)	United States	777,318	727,660	49,658	6.8%	17
19	Veracruz (VER.)	Mexico	620,858	591,736	29,122	4.9%	19
20	Baltimore (MD) ¹	United States	602,486	557,877	44,609	8.0%	20
21	Halifax (NS)	Canada	550,462	525,553	24,909	4.7%	22
22	Anchorage (AK)	United States	516,367	543,831	-27,464	-5.1%	21
23	Fraser River (BC)	Canada	372,844	317,582	55,262	17.4%	23
24	Altamira (TAM)	Mexico	323,366	297,017	26,349	8.9%	24
25	Wilmington(DE)	United States	250,507	253,925	-3,418	-1.3%	27

The Calgary Asia-Pacific Gateway and Corridor Roundtable

5 Sessions

1. Strategic Port and Gateway Development
2. Smart Gateways and Corridors -- Borders & Security
3. Gateways, Corridors and Competitiveness - I
4. Gateways, Corridors and Competitiveness - II
5. Land use, Planning and the Environment



The Rest of the Day

A Day to Participate
Chairs to Keep Order
Presentations
Discussant
Discussion
Name Tags on End
Have a Great Day!

