



Shifting International Trade Routes

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Prince Rupert Port Authority
January 19, 2012**



**PRINCE RUPERT
PORT AUTHORITY**

LINKING A WORLD OF OPPORTUNITY

AGENDA

- Introduction to Port of Prince Rupert
- North America's 4th Trade Route
- The "Second Wave"
- Continental North American Trade



A satellite-style map of the Pacific Northwest coast of the United States. The map shows the coastline from the top left down to the bottom left. Three locations are labeled: Prince Rupert (marked with a yellow star), Seattle / Tacoma, and L.A. / Long Beach. The terrain is shown in shades of green and brown, with snow-capped mountains in the north. The ocean is dark blue.

Prince Rupert ★

Seattle / Tacoma

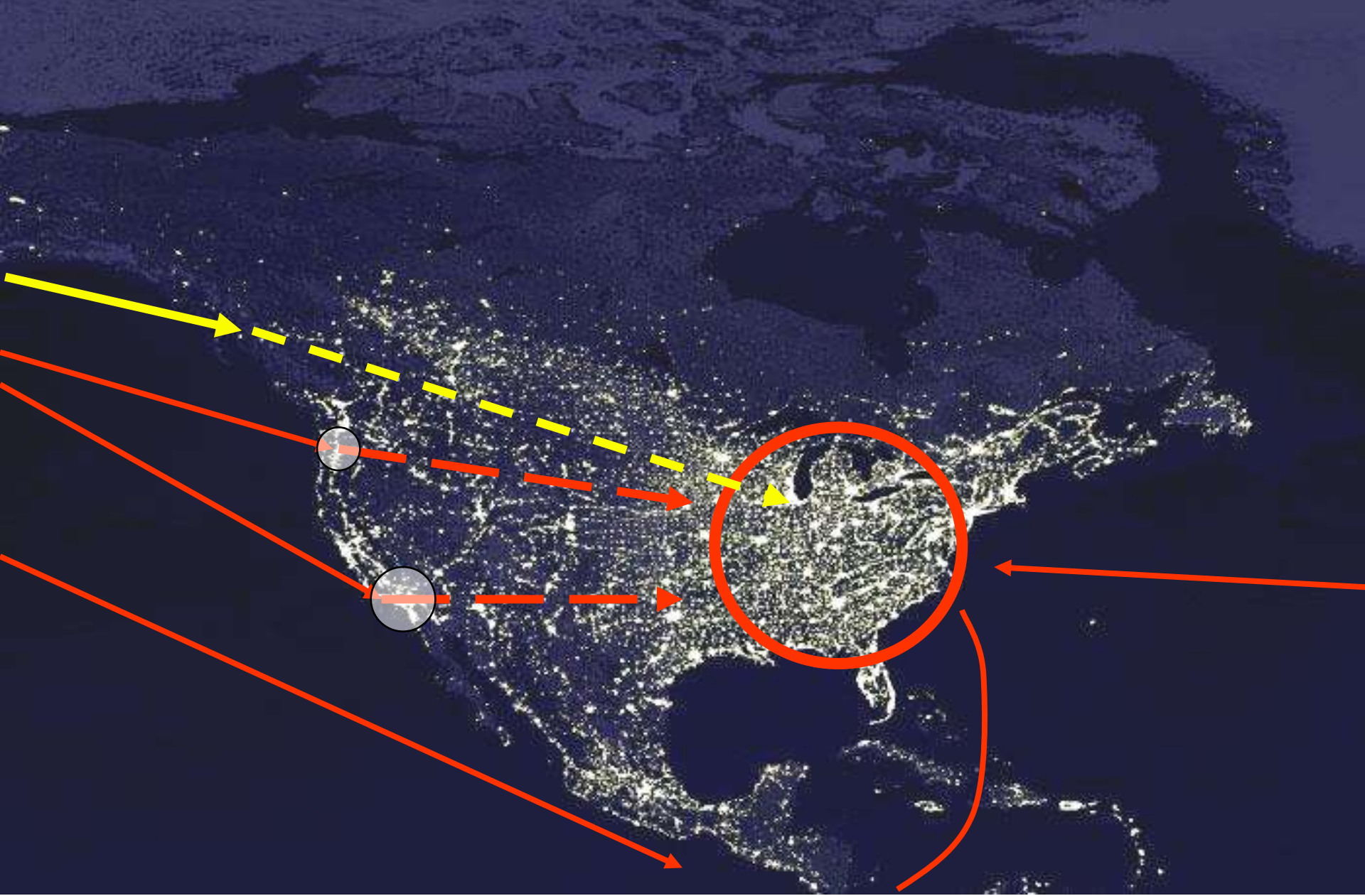
L.A. / Long Beach



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North America's 4th Trade Route



North America's 4th Trade Route

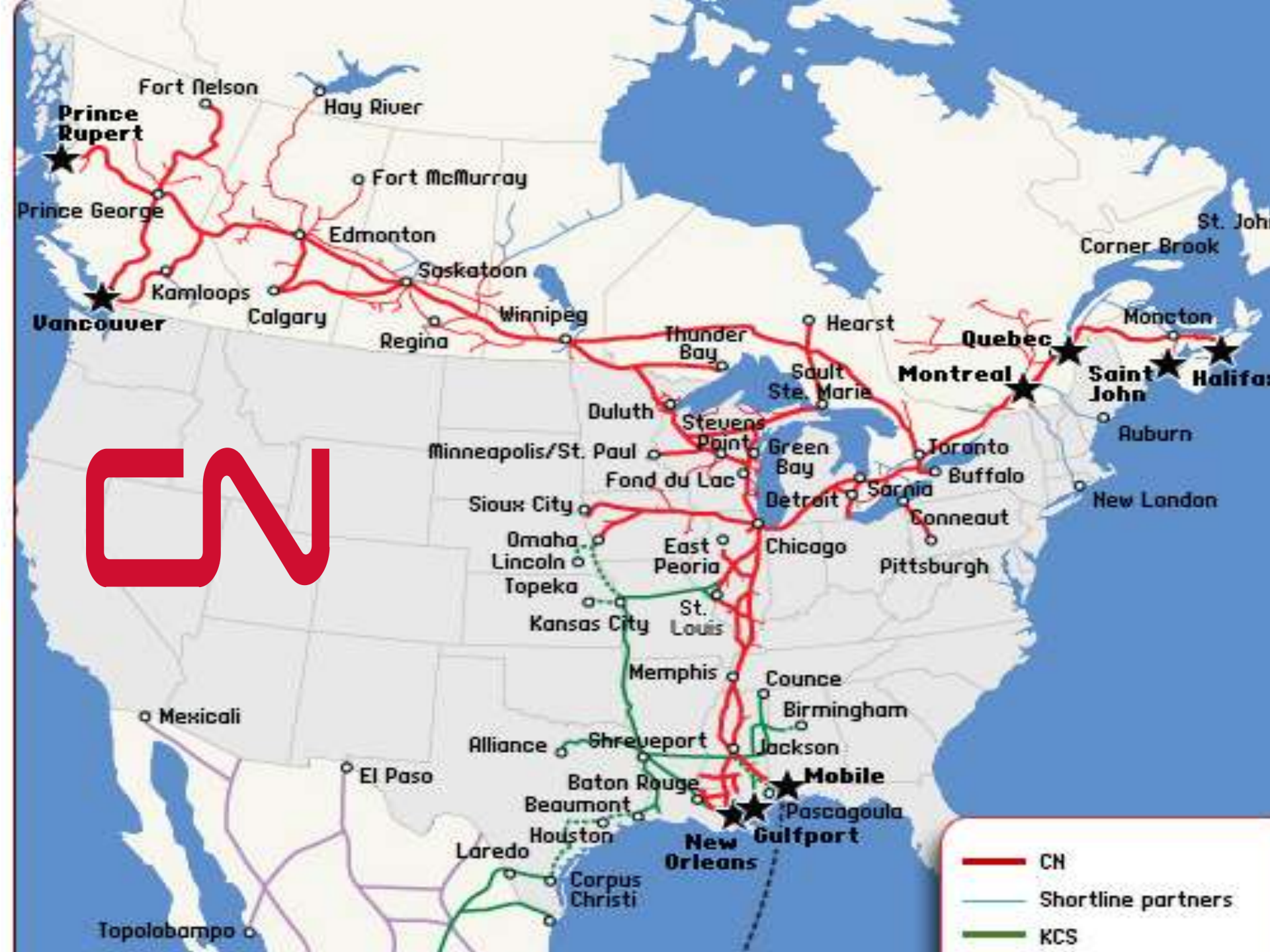
- Shortest Land-Sea link with Asia
 - No local market / No congestion
 - “Pure” trans-shipment terminal
 - Deepest harbor in North America
 - Best rail system through Rocky Mountains
 - Most “Secure” port
 - Expansion capacity
 - Strong Social License
- 
- A satellite-style map of North America is shown in the background. A white arrow points from the left towards the West Coast of the United States. A dashed white line with an arrowhead at the end points from the Rocky Mountain region towards the West Coast. A red circle highlights the West Coast area, with a white arrowhead pointing to the Pacific Ocean.

Prince Rupert (4,642 nm)

Seattle (5,101 nm)

L.A. / Long Beach (5,810 nm)

Lazaro Cardenas (6,587 nm)



RAIL SYSTEM EFFICIENCY AND PERFORMANCE

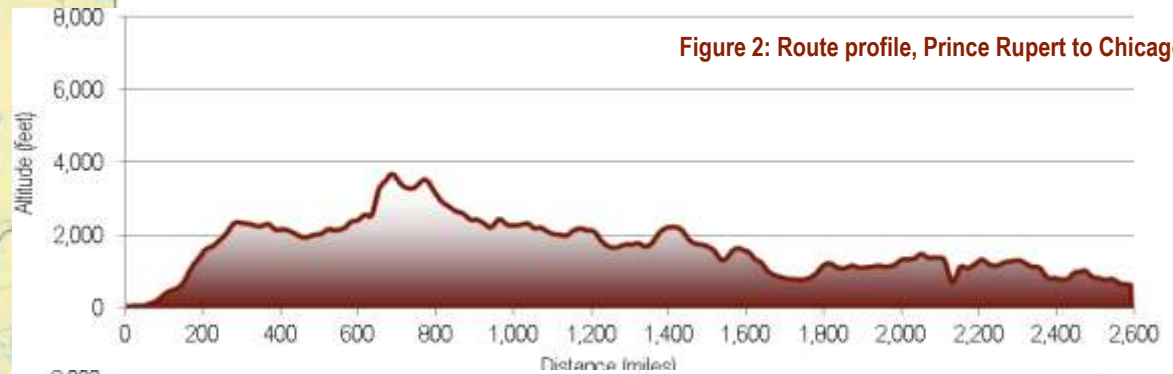


Figure 2: Route profile, Prince Rupert to Chicago

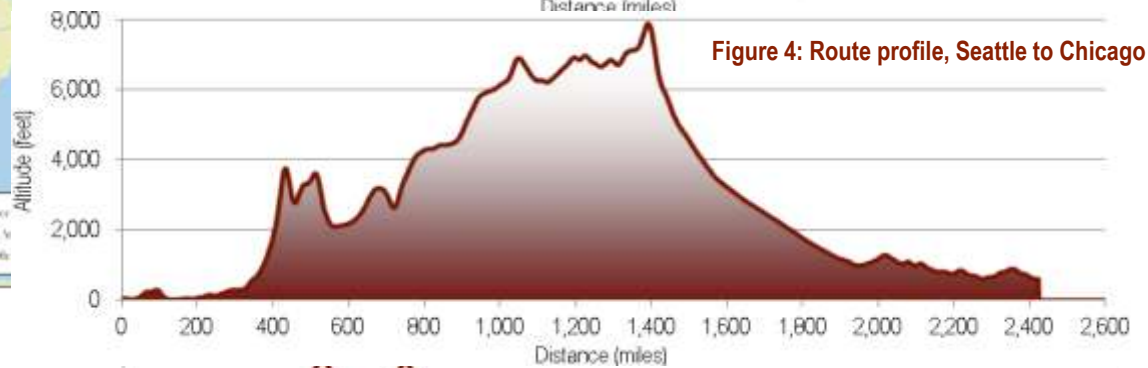


Figure 4: Route profile, Seattle to Chicago

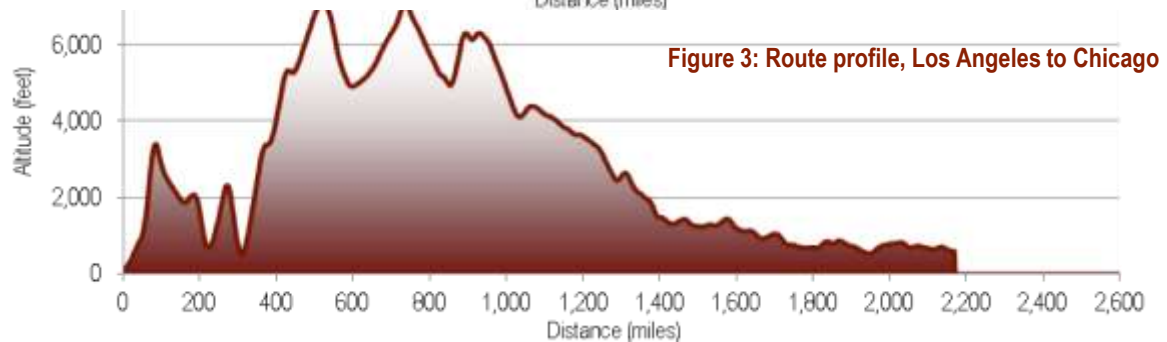


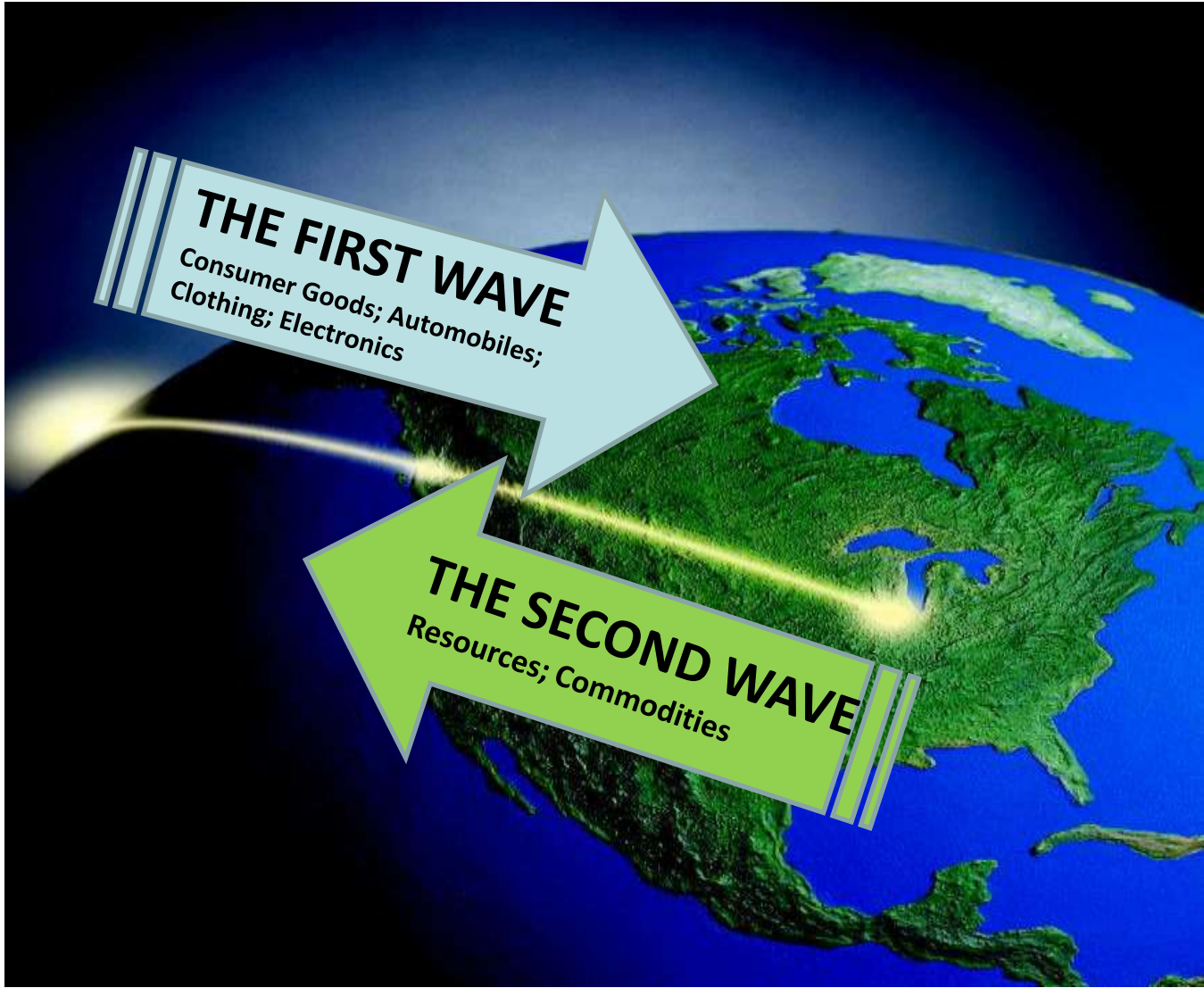
Figure 3: Route profile, Los Angeles to Chicago

North America's 4th Trade Route



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THE FIRST WAVE

Consumer Goods; Automobiles;
Clothing; Electronics

THE SECOND WAVE

Resources; Commodities



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IN 2025

70%

of Chinese will live in cities with more than 1 million people

46% of Indians will live in cities with more than 1 million people

SPEED OF URBANIZATION BY 2030

CHINA

221

number of cities with more than 1 million people



400

China will add million city dwellers



INDIA

68

number of cities with more than 1 million people



215

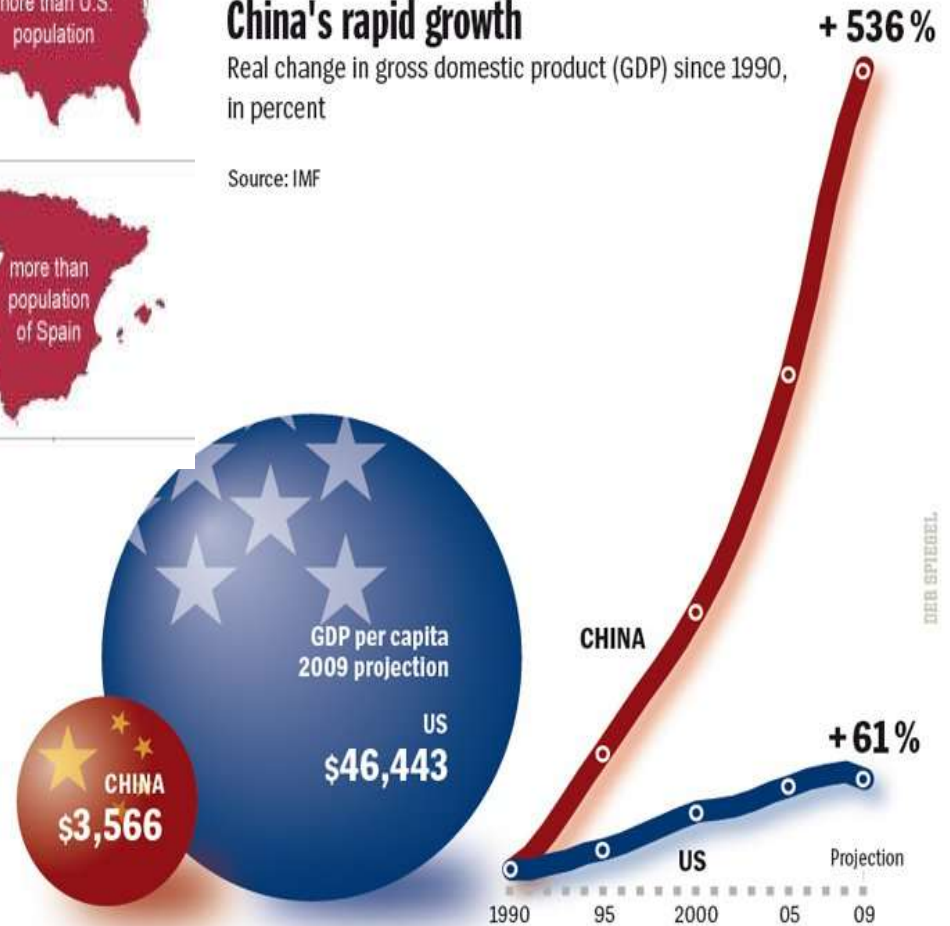
India will add million city dwellers



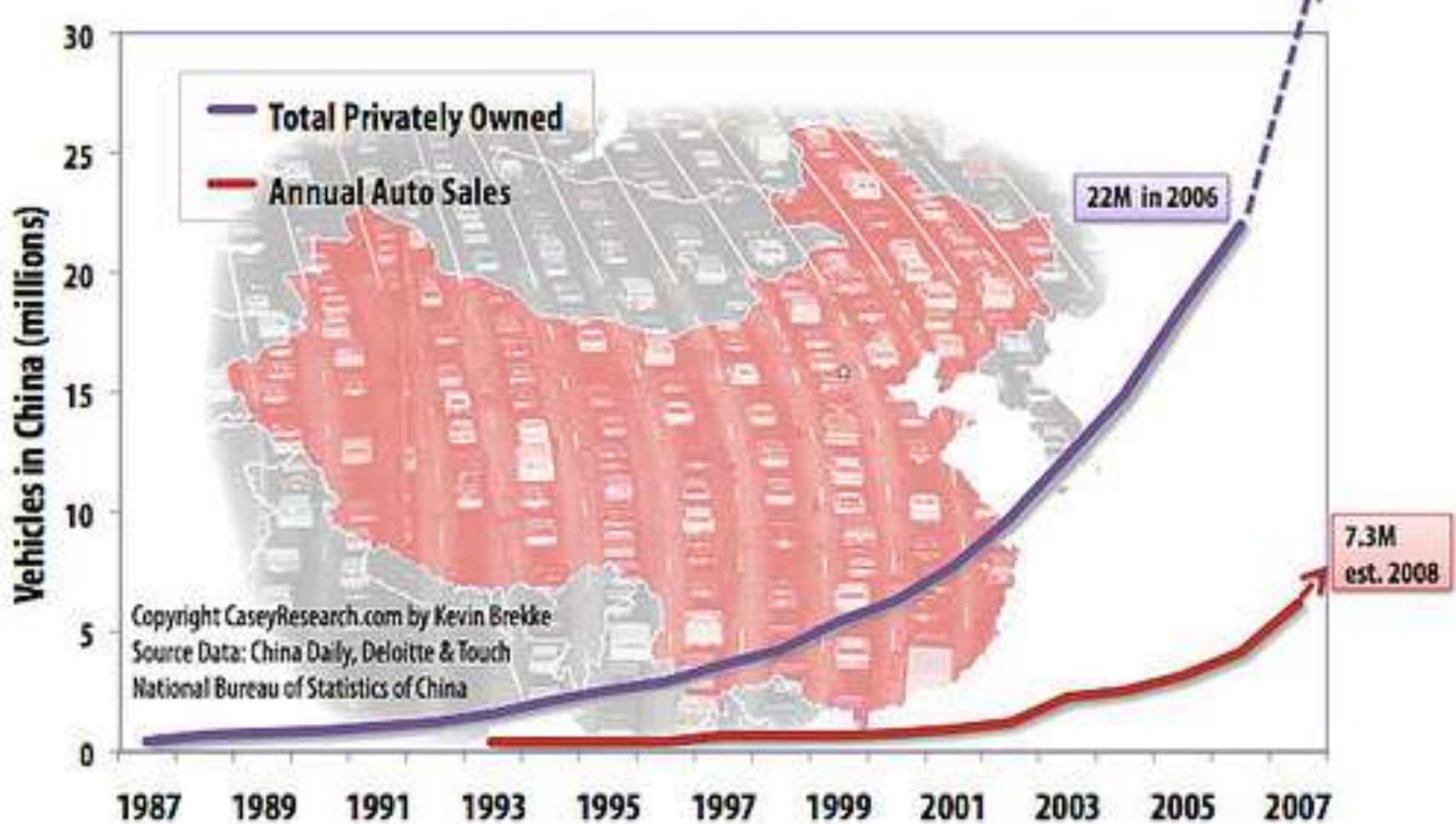
China's rapid growth

Real change in gross domestic product (GDP) since 1990, in percent

Source: IMF



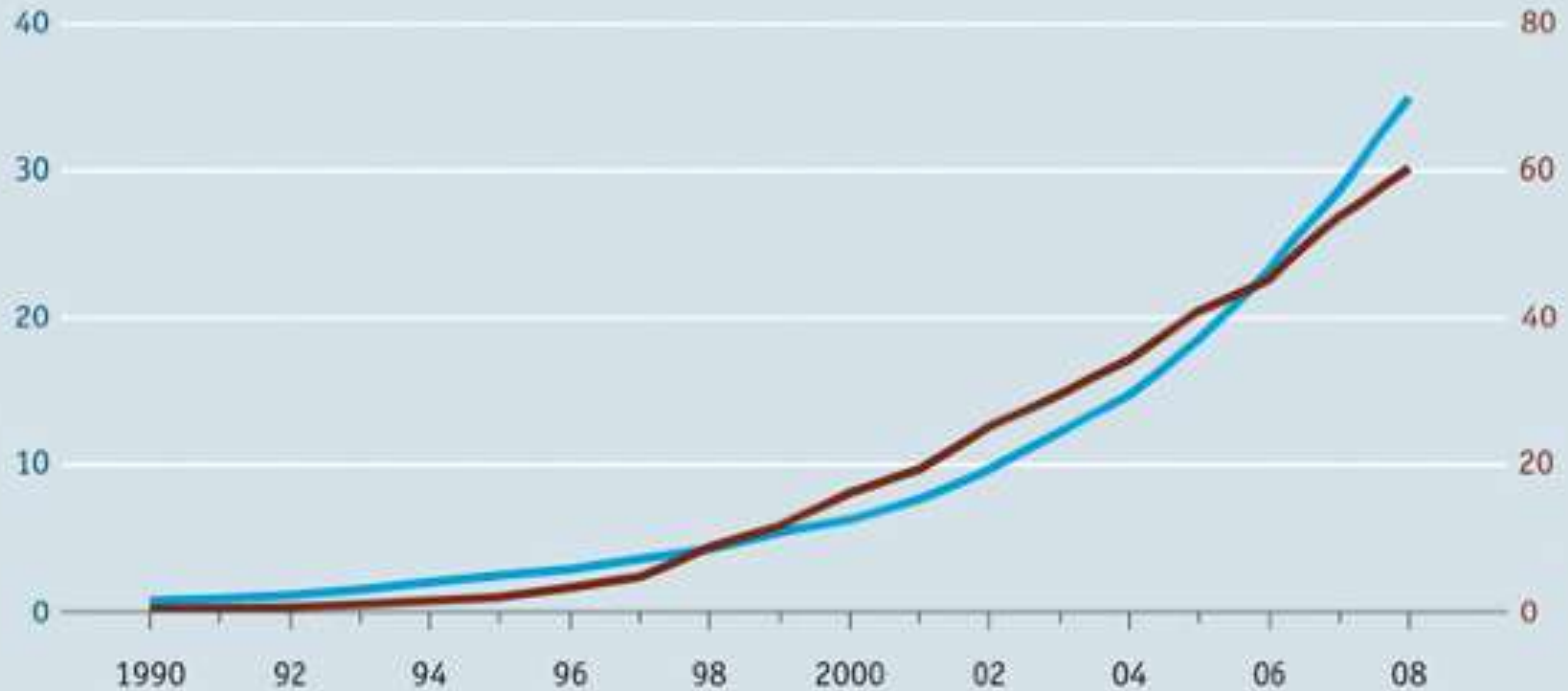
Automobile Sales / Ownership in China



China's roads

Private vehicles, m

Express highways, km, '000



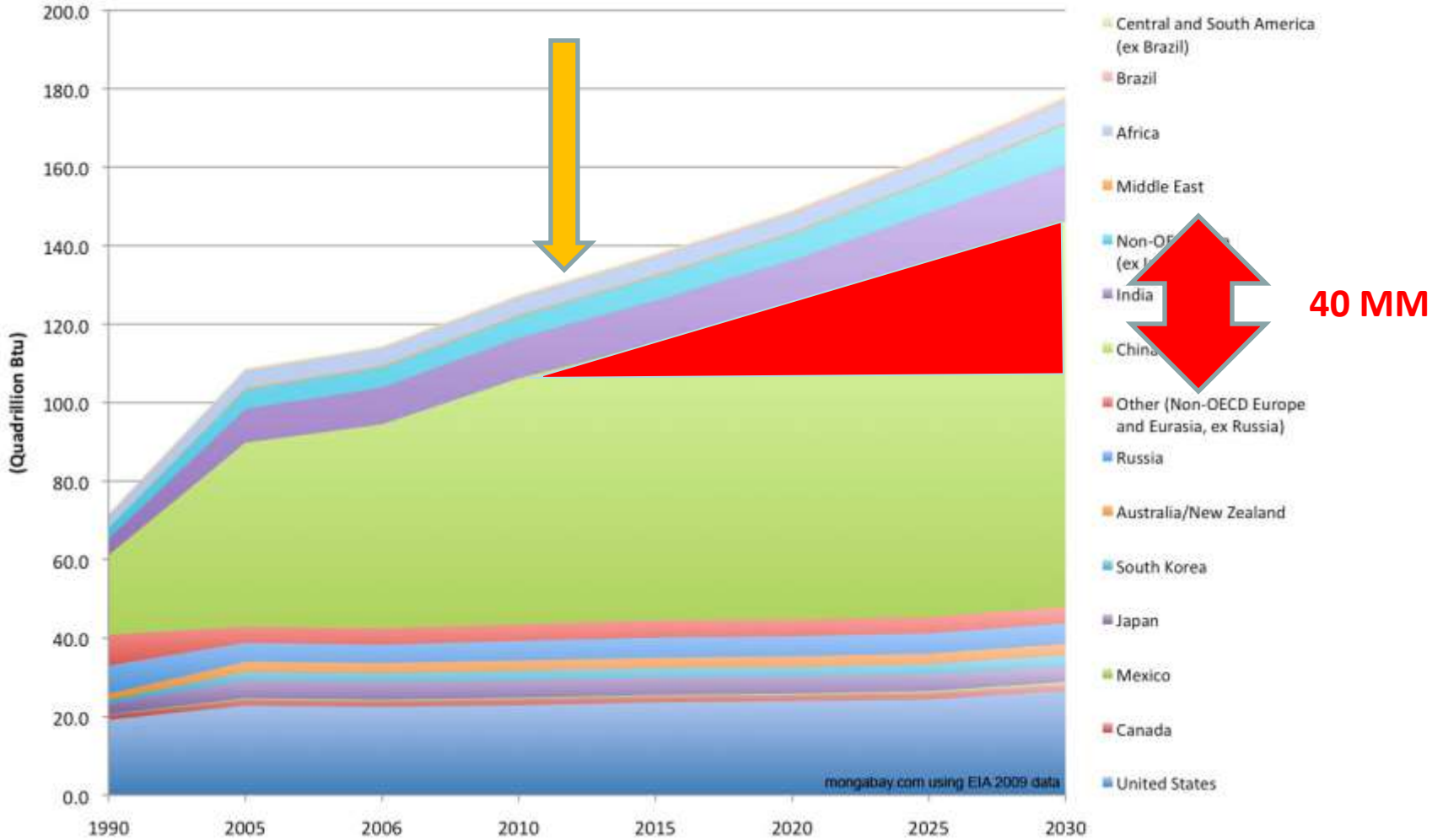
Source: National Bureau of Statistics of China



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World Coal Consumption by Region, Reference Case, 1990-2030

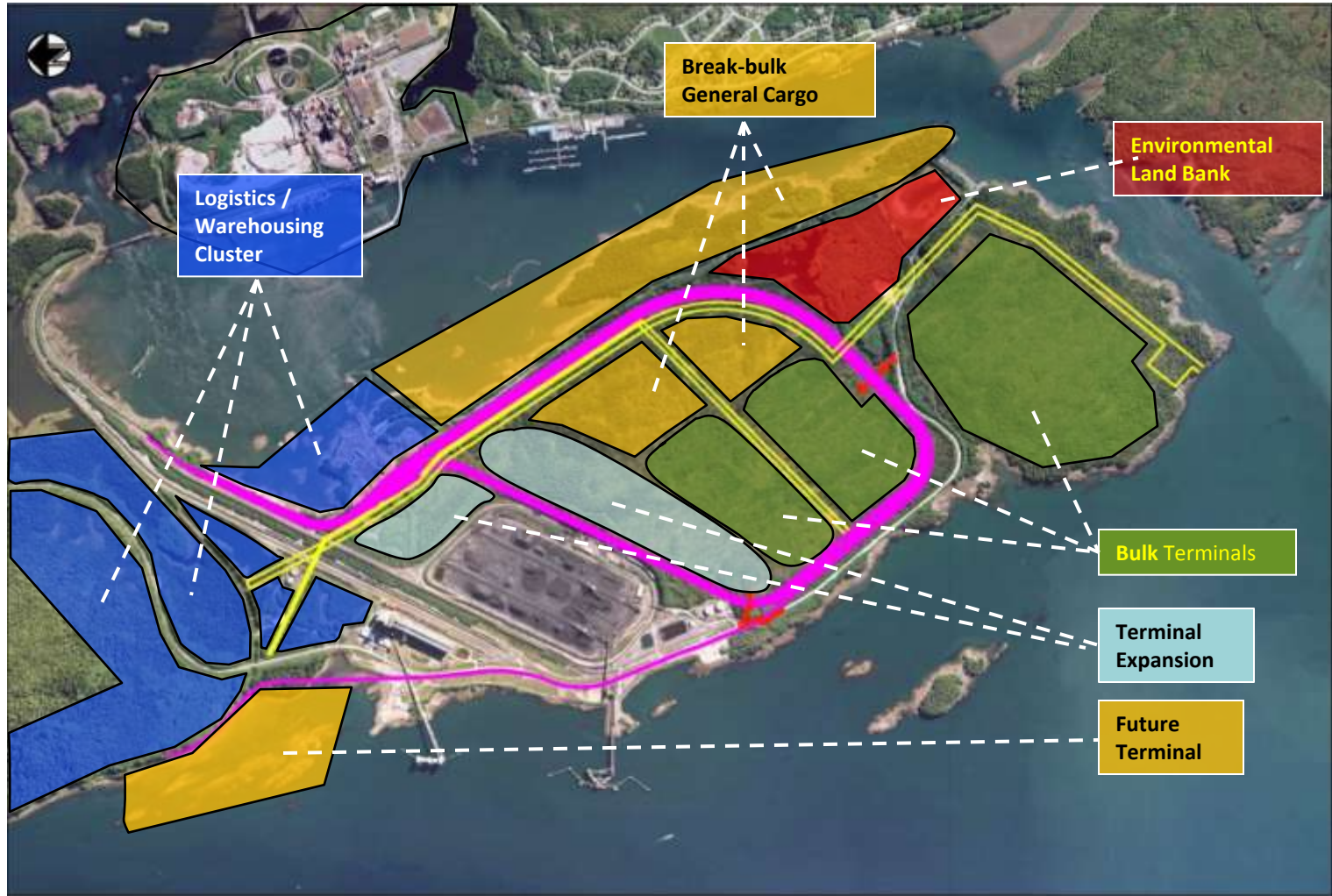


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THE SECOND WAVE NEW CAPACITY DEVELOPMENT



20/20 DEVELOPMENT PLAN



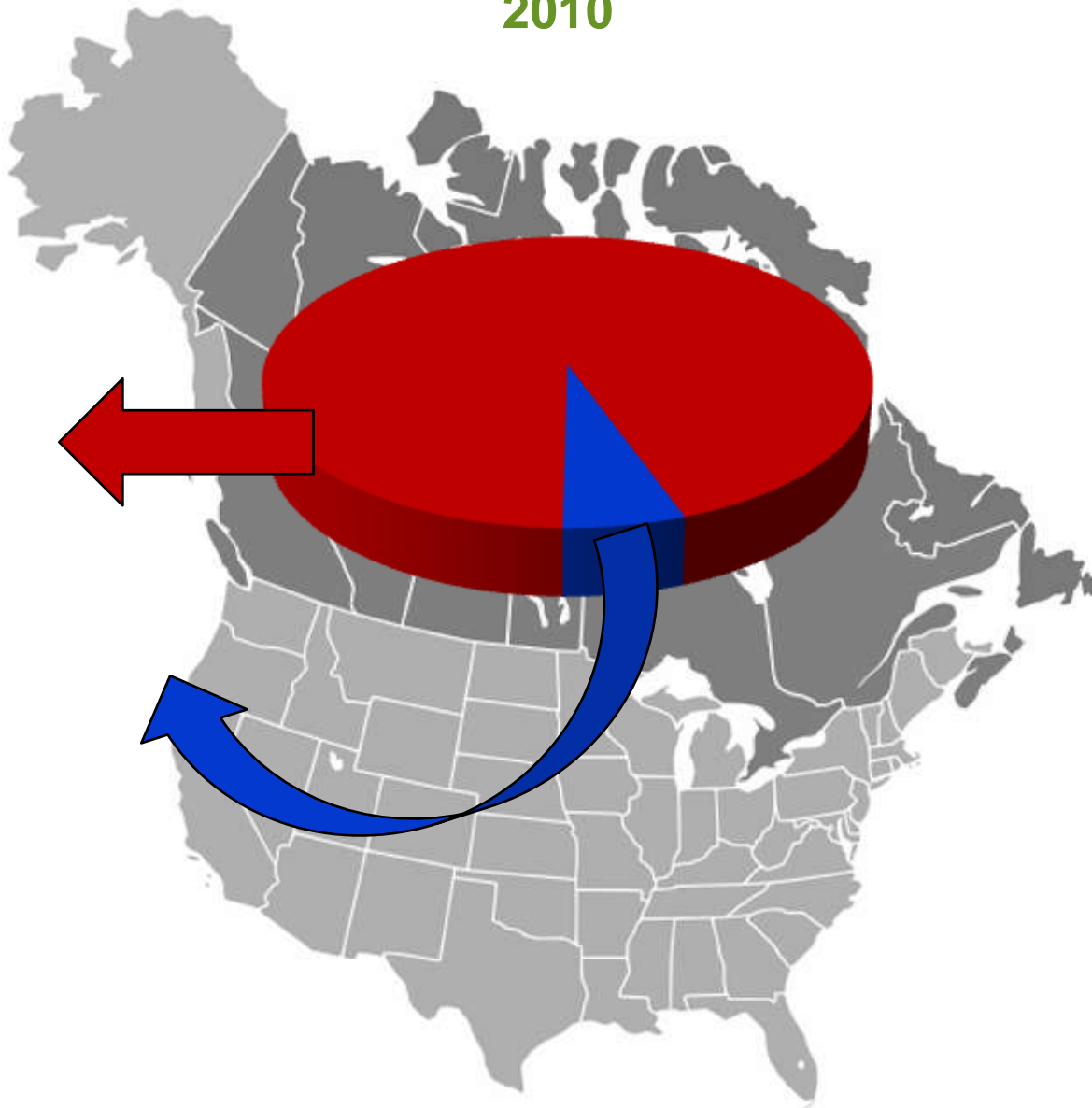
Continental North American Trade



**Joint Announcement
December 7, 2011
“Action Plan on Perimeter Security
and Economic Competitiveness”**

U.S. share of Canadian Potash Exports

2010



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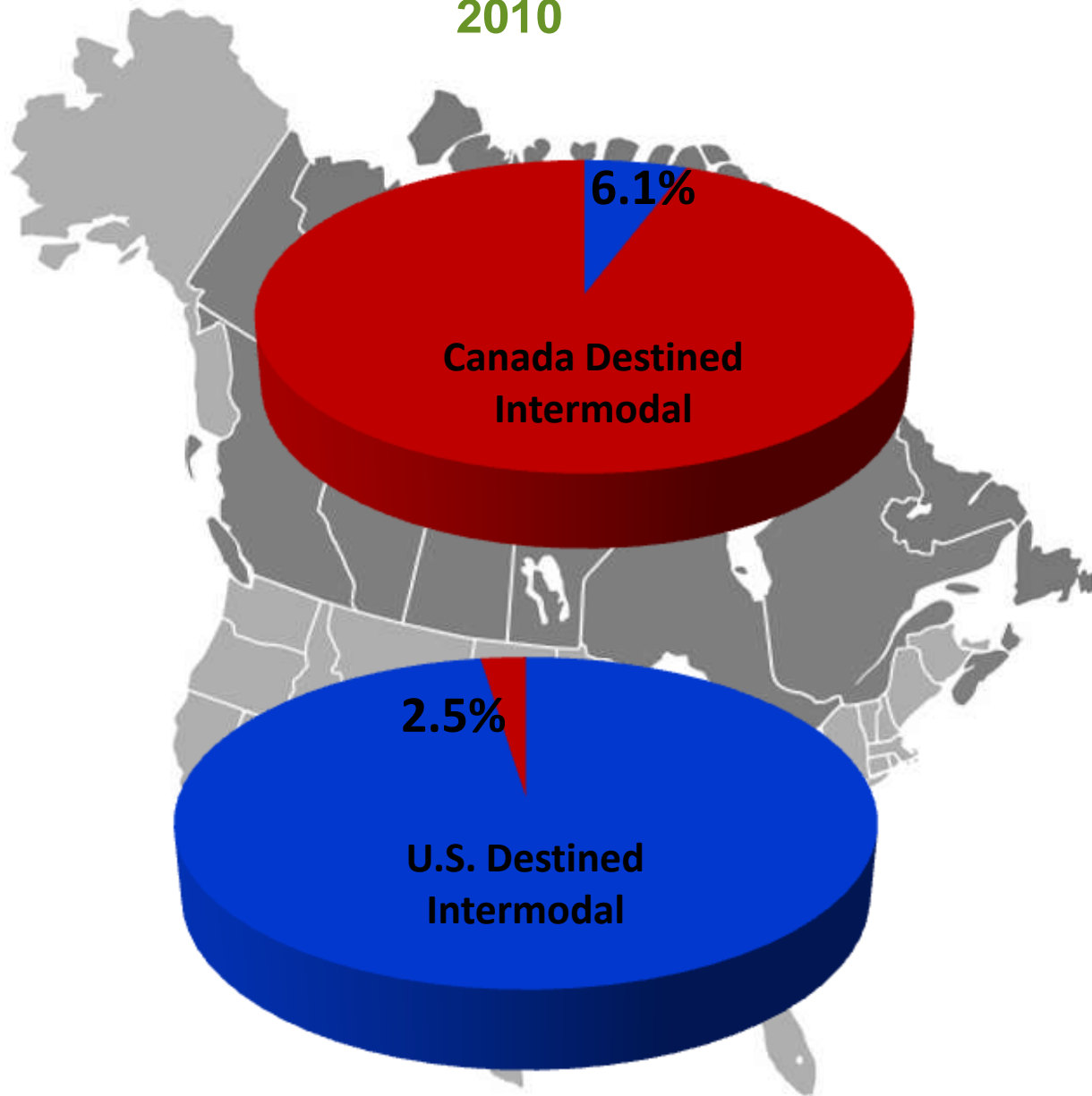
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U.S. Coal Exports – West Coast



US / Cdn Inbound Comparison

2010



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- Improved Global Trade = Improved Global Economy
 - North America's 4th Trade Route
 - North America an Integrated Trade Area