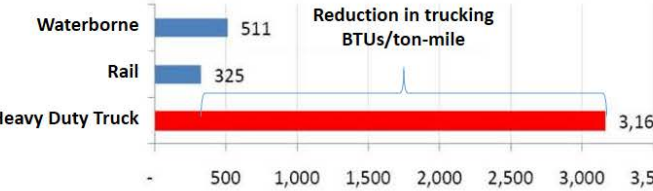


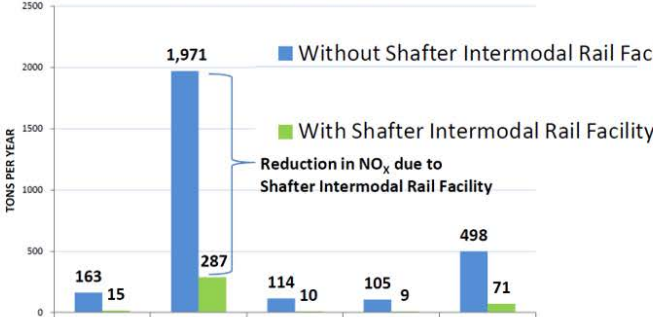
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BNSF/UP Rail Corridors Connecting South Central Valley Freight Complex to the Ports



COMPARISON of CRITERIA POLLUTANT EMISSIONS WITHOUT and WITH SHAFTER INTERMODAL RAIL FACILITY



DRAFT

Port of Oakland

Port of Stockton

To Sacramento/
Pacific Northwest & Donner Pass

Modesto

Fresno

Bakersfield

Shafter

Shafter CV

Tehachapi Pass

Mojave

Ontario

Ports of LA/
Long Beach

After Example)

The map illustrates a proposed high-speed rail network in California. The main route is highlighted in yellow, starting from the Port of Oakland, passing through the Port of Stockton, Modesto, Merced, Fresno, Shafter, Bakersfield, Tehachapi Pass, Mojave, and ending at the Ports of LA/Long Beach. A blue line and a red line also show alternative or connecting routes. The map includes labels for major cities and geographical features, as well as existing BNSF and UP rail lines. An inset photograph in the bottom left corner shows a freight train with a red and yellow locomotive pulling a long train of colorful intermodal containers.

Before Project

A. Virtual Container Yard
(needs public cloud supply chain solutions and/or block chain solutions)

B. Exchange Empty Container/Chassis for needed ocean carrier type, and/or for cleaning

C. Rail Shuttle Concept ... Challenge
(Need 300 containers per ship headed to inland port and similar volume of exports going back with competitive pricing from a class 1 RR and/or additional government investment)

Over 47 Distribution Centers Located within 50 Miles of State Center of Population

4,700 Trucks Per Day (T.P.D.) in 2016

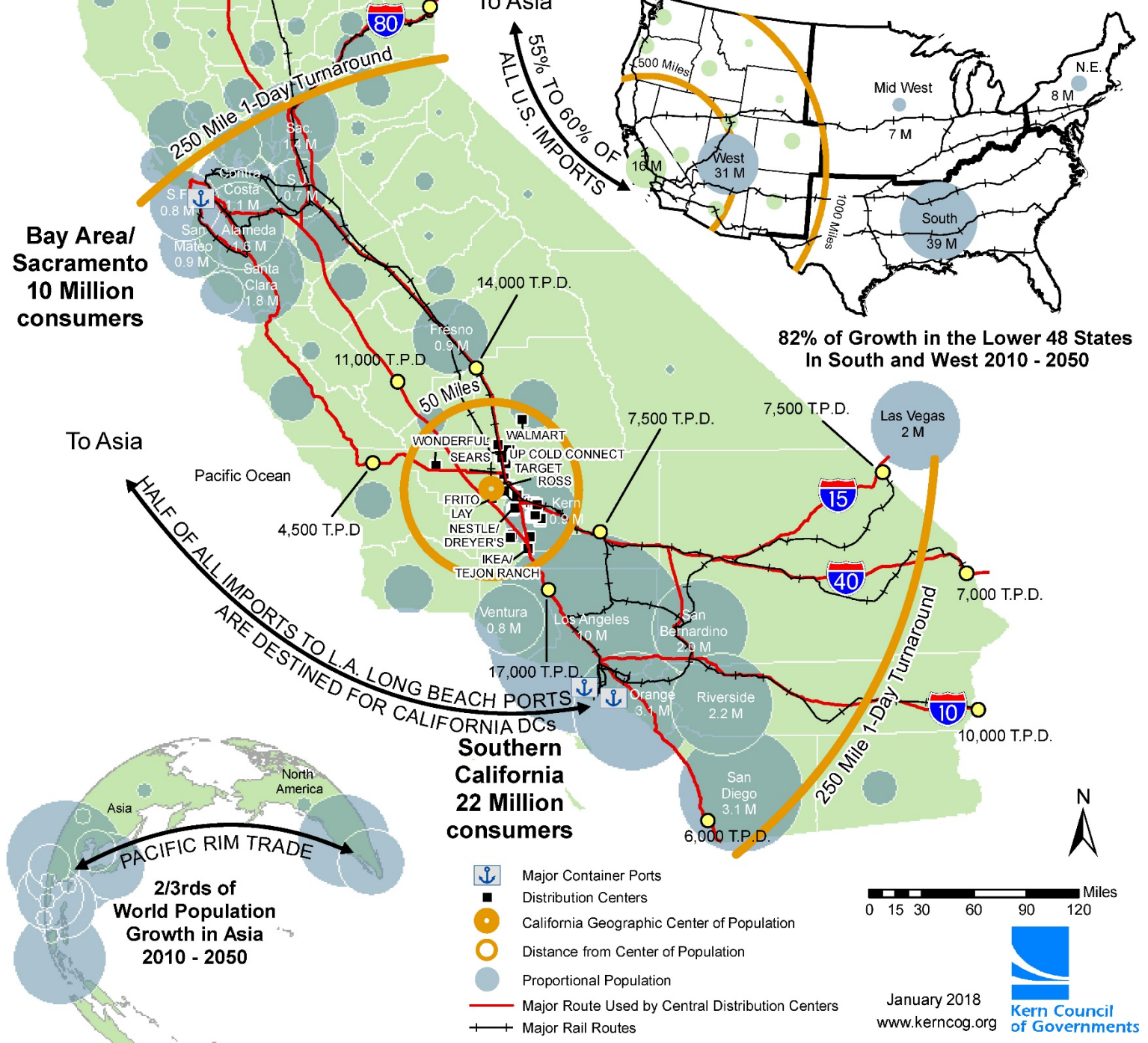
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5,600 T.P.D.

To Asia

Bold indicates major DC

Major Distribution Centers (DC)		
American Tire DC	Garcia Farming	Prime West Warehousing
AndrewsAg Inc.	Grimmway Farms	UP Cold Connect DC
Anthony Vineyards	Hillman Group DC	Redbank-Malaga
Bolthouse Farms	Hure Brothers	Ross Dress for Less DC
Camping World DC	IKEA DC	Sears DC
Carquest DC	Johnstons Farms	Sierra Farms
Caterpillar Parts DC	Kern Ridge Growers	Sunridge Nurseries
Delano Farms	Kirschenmann Farms	Sun Pacific
Dollar General DC	Lucich Farms	Sun World
Essendant DC	M Caratan	Target DC
Famous Footwear DC	MRC Global	Tejon Ranch Commerce Ctr
FedEX Ground DC	Men's Wearhouse DC	Thomson International
Formica Corp DC	Nestle/Dreyer's	U.S. Cold Storage of California
Four Star Fruit	Pandol Brothers	Walmart DC
Frito-Lay	Performance Food Group	Wonderful Co Industrial Park
	L'Oréal Cosmetics DC	Amazon Fulfillment DC



Freight Complex & Hub

