

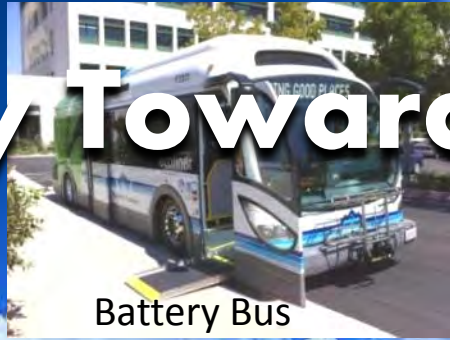
South Coast AQMD Road to Zero

WCC, Seattle
May 30, 2012



Matt Miyasato, Ph.D.
Assistant Deputy Executive Officer
Technology Advancement Office

Pathway Toward Zero-Emissions



Battery Bus

Heavy-duty battery truck



Medium-duty battery truck



Electric car (Nissan Leaf)

**What
does it
take?**

What Does it Take? Demos

- American Fuel Cell Bus
- Sunline Fuel Cell Bus
- Foothill Transit EV Bus
- Burbank Battery-Fuel Cell Bus



What Does it Take? Incentives

- Smith Electric
- EVI
- Navistar



\$20,000



\$20,000

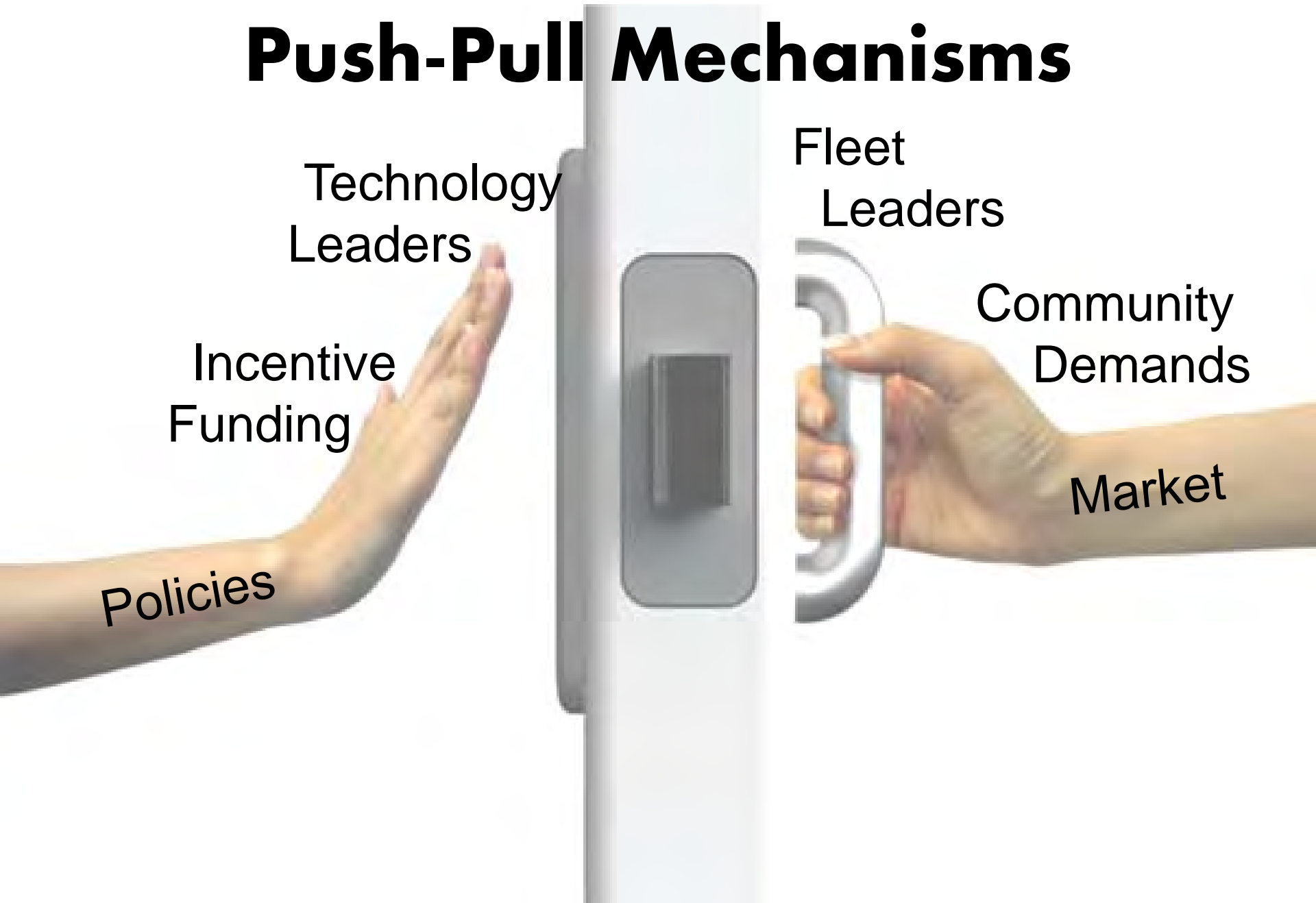


\$30,000

Carrots and Sticks

- AQMD Fleet Rules
 - Transit fleet transformation to CNG
 - Waste Hauler fleet to CNG
 - Carl Moyer Incentives
- Ports Clean Truck Program
 - ~1,500 Diesel and NG trucks
 - \$75M from Proposition 1B
- California's Zero Emission Vehicle Program
 - Hybrids, PEVs
 - Clean Vehicle Rebate Program

Push-Pull Mechanisms



On to the Panel...

- Rose Siengsubcharti
and
Kevin Maggay



Port of
LONG BEACH
The Green Port

- Bill van Amburg



- Samir Sheikh



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

- Dr. Camron Gorguinpour, Office of the
Assistant Secretary of the Air Force

