

# CaFCP Update for AB118 Investment Plan

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## DOCKET

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# CaFCP Action Plan



**46** Stations

Santa Monica, Irvine, Torrance, Newport Beach, San Francisco, Sacramento

**3** Focus Areas

Passenger vehicles  
Transit buses  
Regulations, Codes & Standards

**4** Years

Funding 2009-2012  
Stations begin operation 2009-2014

**\$180** Million

Industry and government investment

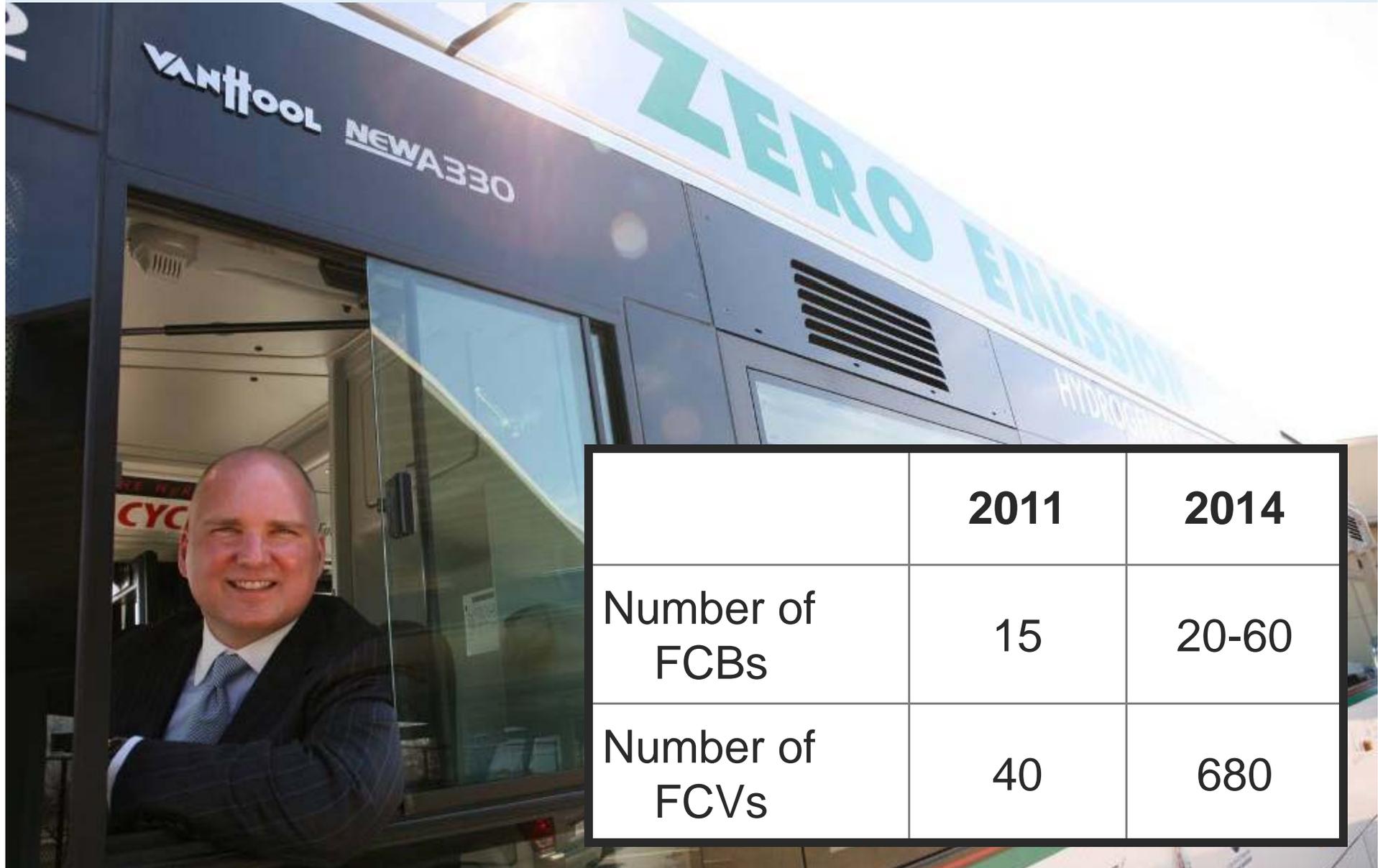
# Light Duty FCV Rollout



	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012-14</b>	<b>2015-17</b>
Northern CA	57	56	68	865	8,450
Southern CA	136	314	644	3,442	41,150
<b>Total</b>	<b>193</b>	<b>370</b>	<b>712</b>	<b>4,307</b>	<b>49,600</b>

*Summary of automaker survey responses*

# Transit Strategy



	<b>2011</b>	<b>2014</b>
Number of FCBs	15	20-60
Number of FCVs	40	680

# Regulations, Codes & Standards



# Progress to Date—FCVs



	2009	2010	2011
Light Duty FCVs – Action Plan	193	370	712
Light Duty FCVs – Actual	163	-	-
FCBs – Action Plan	up to 15		
FCBs – Actual	12		

*As of June 2009*



# Progress to Date—Regs



- ▶ SAE standards in ballot
- ▶ CHAP process for local action plans in review
- ▶ Collaborating with DMS
- ▶ Station builders' workshop
- ▶ Mobile application for real-time station status under development

# Hydrogen Supply and Demand



Year	2009	2010	2011	2012	2013	2014
Demand	193	370	712	1,210*	2,350*	4,305
Existing Supply	197	185	155	30	30	30
Recently Funded Supply	0	680	680	680	680	0
<b>Supply Balance</b>	<b>4</b>	<b>495</b>	<b>123</b>	<b>(500)</b>	<b>(1,640)</b>	<b>(4,275)</b>

*2012 and 2013 numbers extrapolated from 2012 and 2014 numbers*

# Are We Ready?



- ▶ Light duty FCV market on track
  - Moving from R&D to early commercial
- ▶ Large energy and small fueling companies are active
- ▶ Government providing positive market signals and necessary early market support
- ▶ New players are coming to US and CA market
- ▶ Other FC applications showing success
- ▶ Industry has developed and committed itself collectively in a comprehensive Action Plan

***YES – we are ready!***

# Questions or Comments?

