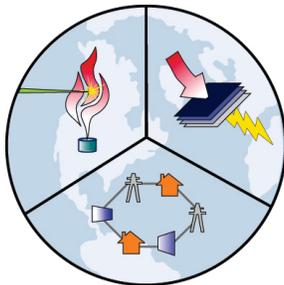


STREET

Advanced Planning for Deployment of Alternative Transportation Fuels



**ADVANCED POWER
& ENERGY PROGRAM**
UNIVERSITY of CALIFORNIA • IRVINE

Shane Stephens-Romero
Tim Brown, PhD
Professor Scott Samuelsen
7 March 2011

UC Irvine - STREET

Insight provided by STREET: Hydrogen fueling stations in southern California

Analysis shows a modest number of hydrogen stations will provide the coverage required to enable commercial volumes of FCEVs in 2015:

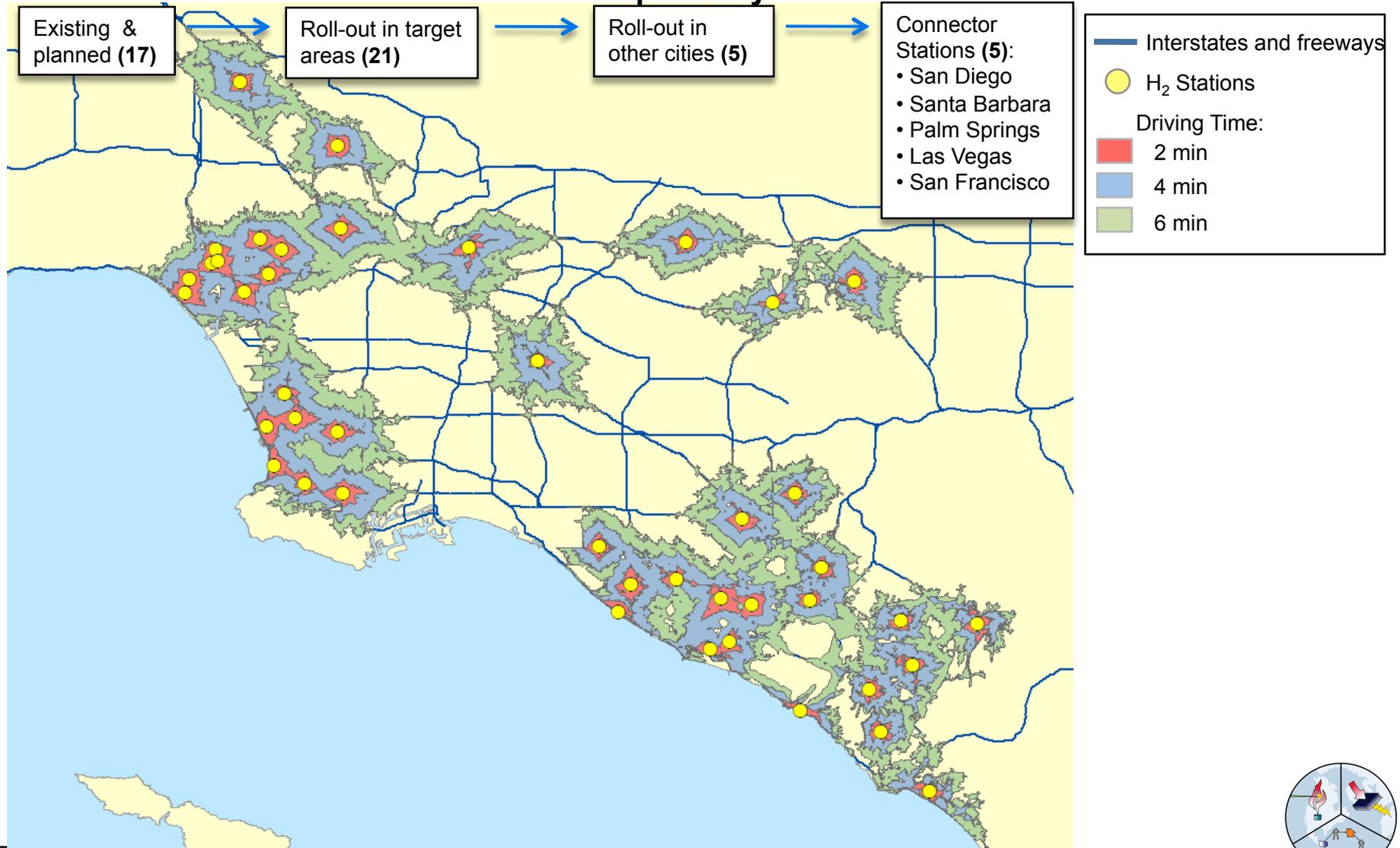
- 21 Additional stations in cluster areas
- Between 5 and 10 additional stations to open markets outside of the cluster areas and provide connectivity to typical destinations

Given this sufficient but limited station coverage, station throughput will allow the industry to become self-sustaining and California can phase out public funding by 2017



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Roll-out of stations required by 2015



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Santa Monica/West LA

