

# The California Hydrogen Highway Network

## Station Permitting Templates

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February 2, 2007



# Templates Overview

- Derived from Implementation Topic Team recommendations
- Team mission: “...to facilitate the timely, safe, and effective deployment of a hydrogen energy infrastructure for transportation and stationary power applications in California by 2010.”



# Purpose & Development

- Purpose of Templates
  - To assist station developers
  - To assist station permitting authorities
  - To assist community members
- Template Development
  - CaH2Net
  - CaFCP
  - OSFM
  - DOE
  - Stakeholder Review



# Origins

Blueprint originally recommended 4 distinct Templates

- 3 Templates Recommended By Blueprint and Implementation Team
  1. Identification of AHJs and their responsibilities
  2. Permitting and approval processes and timelines
  3. Station design requirements
- Additional Template on Outreach & Communications
  - Based on recommendations from Blueprint's Communications Team



# Template 1:

## Permitting Guidelines

- Applicable codes & standards
- Identification of AHJ's, responsibilities, jurisdiction, and point of contact
- Permit application and review process
- Appeal process
- Timeline for applications and response
- Recommendations for proceeding in absence of C/S
- Case studies
- Resources for developers, permitting authorities, and interested parties



# Template 2

## Station Design Guidelines

- Station layout
- Equipment guidelines
- Guide to recommended practices and national Codes & Standards
- CA- and local-specific codes and guidelines



# Template 3

## Education & Outreach

- Listing of contact info for AHJs listed in Template 1
- Identification of interested/affected parties
- Recommendations for communication
  - To AHJs
  - To elected officials
  - To community members



# Benefits

Improvement to be realized:

- Expedite planning process
- Avoided delays
- Avoided costs
- Avoided undue barriers
- Facilitate future deployments



# Points of Contact During Template Development Process

- California Hydrogen Highway Network
  - Ben Deal, 916.322.8449,  
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- EIN (contractor to CaH2Net)
  - Rick Margolin, 805.899.3399,  
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# Next Steps

- Early draft for CaH2Net stations
- Coordinate with CaFCP
- Coordinate with OSFM H2 Highway Advisory Committee
- Prepare to assume sole responsibility

