Air Resources Board

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Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

September 18, 2015 Mail-Out #ECARS 15-5

TO: All Interested Parties

SUBJECT: PUBLIC WEBINAR TO DISCUSS THE TECHNICAL FORMULATION OF THE CALIFORNIA HYDROGEN INFRASTRUCTURE TOOL (CHIT)

Please join Air Resources Board (ARB) staff for an in-depth discussion of the underlying motivations, data, and methodologies used to develop the California Hydrogen Infrastructure Tool (CHIT). The discussion will focus on the definition and assessment of coverage provided by existing and planned hydrogen fueling stations and the likely first adopter market for Fuel Cell Electric Vehicles (FCEVs). This discussion will provide technical detail in support of the ARB's 2015 Annual Evaluation of Fuel Cell Electric Vehicle Deployment and Hydrogen Fuel Station Network Development[1] and the California Energy Commission's 2015 Staff Workshop on Draft Solicitation Concepts for Hydrogen Refueling Infrastructure[2]. The goal is to provide stakeholders with a comprehensive understanding of the analyses performed by the tool and an opportunity to provide feedback for desirable additional developments in future versions of the tool. The main technical discussion will be preceded by a primer of concepts key to understanding Geographical Information Systems, census data, and other fundamentals necessary to completely understand the development of the tool.

[1] http://www.arb.ca.gov/msprog/zevprog/ab8/ab8_report_2015.pdf
[2] http://www.energy.ca.gov/altfuels/notices/index.html

Details of the meeting are as follows:

DATE: October 9, 2015

TIME: Optional Primer: 10:30 a.m. – 12:00 p.m.
Main Technical Discussion: 1:00 p.m. – 4:00 p.m.

PLACE: Cal/EPA Headquarters
Klamath Training Room
1001 I Street
Sacramento, California 95814

The anticipated agenda for the discussion is as follows:

10:30 – 12:00 Introduction and Primer (optional)

- Introduction to GIS fundamentals
- Discussion of ArcGIS tools utilized in CHIT
- Overview of creating custom tools in CHIT
- Overview of geographies in Census and Department of Motor Vehicles data sources

12:00 – 1:00 Lunch Break

1:00 – 4:00 Main Technical Discussion: In-depth discussion of development of California Hydrogen Infrastructure Tool (CHIT)

- Roadway and travel speed data set
- Coverage assessment algorithm
- Traffic volume assessment
- First adopter FCEV market assessment
- Priority Area identification
- Capacity needs in Market and First Priority areas
- Open discussion of potential future development
- Discussion of potential public distribution

Interested stakeholders can attend either in person or via GoToWebinar. An email RSVP is requested for those planning to attend in person; RSVPs should be sent Mr. Andrew Martinez (contact information below).

Participants unable to attend in person may take part via GoToWebinar. In order to participate vie webinar, attendees must visit the following site to register: https://attendee.gotowebinar.com/register/2925696357213136385. Once registered, attendees will receive an email with information required to participate on the day of the webinar.

ARB will use the ZEV Program list serve to notify stakeholders of upcoming events related to proposed modification to the ZEV regulation. If you wish to sign up for this list serve, please visit:
http://www.arb.ca.gov/listserv/listserv_ind.php?listname=zev-program

If you require special accommodations or language needs, please contact

Ms. Cindi Whitney at (916) 322-6971 or cynthia.whitney@arb.ca.gov as soon as possible, but no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service. Interested members of the public may present comments orally or in writing at the webinar. Comments may also be submitted by postal mail before the webinar or by electronic submittal before and during the webinar.

Postal mail: Mr. Andrew Martinez
Air Resources Board
P.O. Box 2815
Sacramento, California 95812

Electronic submittal: andrew.martinez@arb.ca.gov

If you have any questions regarding the workshop, please contact Mr. Gerhard Achtelik, Manager, at (916) 323-8973, or by email at gerhard.achtelik@arb.ca.gov, or Mr. Andrew Martinez, Air Resources Engineer, at (916) 322-8449, or by email at andrew.martinez@arb.ca.gov.

Sincerely,

Joshua Cunningham, Advanced Clean Cars Branch Chief
Emissions Compliance, Automotive Regulations and Science (ECARS) Division

cc: Mr. Gerhard Achtelik, Manager
Zero Emission Vehicle Infrastructure Section
Emissions Compliance, Automotive Regulations and Science (ECARS) Division

Mr. Andrew Martinez, Air Resources Engineer
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bcc: Annette Hebert, ECARS
Analisa Bevan, ECARS