



## Hydrogen Infrastructure Priorities to Enable Deployment in the High-Impact Transportation Sector

The Westin Alexandria Old Town

February 27 & 28, 2024

### Workshop Objectives

Provide expert input to aid in the development of the DOE Hydrogen Infrastructure Technologies' **RD&D plan for the next 5 to 10 years** so that the program can help enable **successful deployment of MD/HD vehicles and fueling infrastructure** and support the **success of the selected H2Hubs**.

- Identify key focus areas for the MD/HD transportation sector
- Identify key performance metrics that should be met
- Identify key RD&D needs
- Prioritize focus areas, including consideration of deployment timelines

### Agenda

#### **Day 1**

- 8:00 – 8:30 *Breakfast*
- 8:30 – 8:40 DOE Welcome & Introduction - **Sunita Satyapal**, HFTO
- 8:40 – 9:10 Overview of Workshop Objectives and Goals – **Ned Stetson**, HFTO
- 9:10 – 9:20 MD/HD Transportation Scale-up Scenario – **Mark Richards**, HFTO
- 9:20 – 10:40 MD/HD Transportation Stakeholder Presentations
- Hydrogen supply and delivery – **Amgad Elgowainy**, ANL
  - Hydrogen stations and dispensing – **Shaun Onorato**, NREL
  - Onboard storage and vehicle integration – **Dionissios Papadias**, ANL
  - Q&A
- 10:40 – 10:55 *Break*
- 10:55 – 12:25 Breakout Session 1 – Needs and Priorities for MD/HD Transportation Scale-up
- 12:25 – 1:25 *Lunch*
- 1:25 – 2:25 Large Group Discussion
- 2:25 – 2:40 *Break*
- 2:40 – 4:10 Breakout Session 2 – Key Performance Requirements for MD/HD Transportation
- 4:10 – 4:25 Summary/End-of-day Remarks

#### **Day 2**

- 8:00 – 8:30 *Breakfast*



- 8:30 – 8:40 Day 1 Recap and Forecast for Day 2 – **Zeric Hulvey**, HFTO
- 8:40 – 10:10 Breakout Session 3 - RD&D Needs to Enable Successful Deployment
- 10:10 – 10:25 *Break*
- 10:25 – 11:25 Large Group Discussion
- 11:25 – 11:40 DOE Outlook and Wrap Up – **Ned Stetson**, HFTO
- 11:40 – 1:00 *Lunch and Networking*