SCORING CRITERIA

H2 Twin Cities 2023

July 2023

H2 Twin Cities 2023 Scoring Criteria

H2 Twin Cities submissions will be scored by a panel of experts from organizations active in hydrogen and fuel cells across industry, nonprofits, academia, and government.[1] The Clean Energy Ministerial's (CEM's) H2 Twin Cities working group will utilize these scores to select the city pairing(s) that will receive support.

The criteria for scoring are described in Table 2. The first column provides suggested content to meet each criterion, and the second column lists example metrics aligned with suggested content. Reviewers will evaluate submissions against content in the first column and use metrics in the second column as examples to judge the degree to which the proposal addresses each criterion. Each criterion will be scored on a 1–6 scale as described in Table 1.

Table 1. Scoring Scale for Reviewer Evaluations of Submissions

1	2	3	4	5	6
Strongly Disagree	Disagree	Slightly Disagree	Slightly Agree	Agree	Strongly Agree

Table 2. Scoring Criteria

Criterion 1: Technology Deployment Acceleration and Outreach (25% weight)	
Examples of Suggested Content	Examples of Metrics
Degree to which the proposed idea by the city pairing can enable the following: • Increased public awareness of hydrogen deployment projects (e.g., installation prominence, advertising, educational opportunities). • Increased social media following. • Increased private sector funding.	***Degree to which the proposed idea by the city pairing can enable the following:*** • Capacity (GW/MW or GWh/MWh) of new hydrogen-related deployments. • Number of new followers/site visits across relevant social media or web platforms. • Projected percentage and absolute increase in annual investment in hydrogen-related investment.

[1] Reviewers shall not have personal or financial interests in any entity, agency, or organization applying to the program; or be an employee, officer, director, or agent of any entity that is applying to the program; or have a familial or financial relationship with an individual who is applying to the program.

• Newly implemented policies, codes, and standards, especially those transferred between cities. • Diversity of hydrogen end-uses.	• Estimated annual project views/interactions. • Number of policies planned to be transferred or adopted between cities. • Number hydrogen end-uses associated with deployments.
Criterion 2: Emissions Reduction (25% weight)	
Examples of Suggested Content	Examples of Metrics
Degree to which the proposed idea by the city pairing can enable the following: • Reduction of local greenhouse gas (GHG) emissions. • Reduction of local criteria pollutant emissions. • Reduction of noise emission near residential and commercial locations.	***Degree to which the proposed idea by the city pairing can enable the following:*** • Percentage and absolute reduction of GHG emissions due to new deployments. • Percentage and absolute reduction of criteria pollutants due to new deployments. • Decibel reduction at 10 m from the installed pieces of equipment.
Criterion 3: Jobs Creation (25% weight)	
Examples of Suggested Content	Examples of Metrics
Degree to which the proposed idea by the city pairing can enable the following: • Construction jobs created/employed. • Staff required to operate and maintain the installed equipment. • Jobs projected in the near-term from follow-on projects (pipeline). • Transitioning fossil fuel sector workforce to hydrogen sector. • Training programs implemented at the local level to train/retrain workers.	***Degree to which the proposed idea by the city pairing can enable the following:*** • Number of FTE (full time equivalent) construction jobs created/employed over the lifetime of the projects. • Number of FTE staff required to operate and maintain the installed equipment. • Number (and projected mean hourly wage) of construction and ongoing jobs related to projects in development. • Number of workers previously employed in the fossil fuel sector who will be trained to work in the hydrogen sector.

	• Number of colleges or technical training schools enlisted to develop training curriculum and number and level of technical tracks to be available.

Criterion 4: Diversity, Equity, and Inclusion (25% weight)	
Examples of Suggested Content	Examples of Metrics
Degree to which the proposed idea by the city pairing can enable the following: • Creating high-quality jobs in disadvantaged communities. • Stakeholder engagement with disadvantaged communities, including participation, technical assistance, transfer of knowledge. • Energy savings for disadvantaged households, businesses, and other communities. • Air, water, and noise quality improvements for disadvantaged communities. • Access to clean energy services such as transportation.	***Degree to which the proposed idea by the city pairing can enable the following:*** • Number of FTE jobs created in disadvantaged communities. • Quantity of outreach meetings held, number of people who attended these meetings, and number of follow-on engagements resulting from these meetings. • Percentage of representation from tribal and minority groups in related outreach engagements, events, or meetings. • Quantity (MWh or GWh) of energy savings in disadvantaged communities. • Percentage and absolute reduction of GHG, criteria and water pollutant, and sound emissions in disadvantaged communities. • Percentage or number of people in disadvantaged communities who will gain access to clean energy services, such as public transportation, who were previously underserved.