



# H<sub>2</sub> Twin Cities and CEM Hydrogen Initiative Update

Dr. Sunita Satyapal, US DOE (on behalf of CEM Hydrogen Initiative)



# CEM Hydrogen Initiative Update

- Published Global Hydrogen Report (IEA)
- Conducted workshop and study on the Northwest-North Sea European Hydrogen opportunity
- Conducted a survey about government aspirational goals on hydrogen
- Launched the Global Ports Coalition for hydrogen, bringing together more than 50 ports, companies and international partnerships to cooperate on the adoption of hydrogen technologies in port environments; held workshop October 2021
- Launched H2 Twin Cities initiative to connect cities deploying hydrogen technologies (at COP 26)



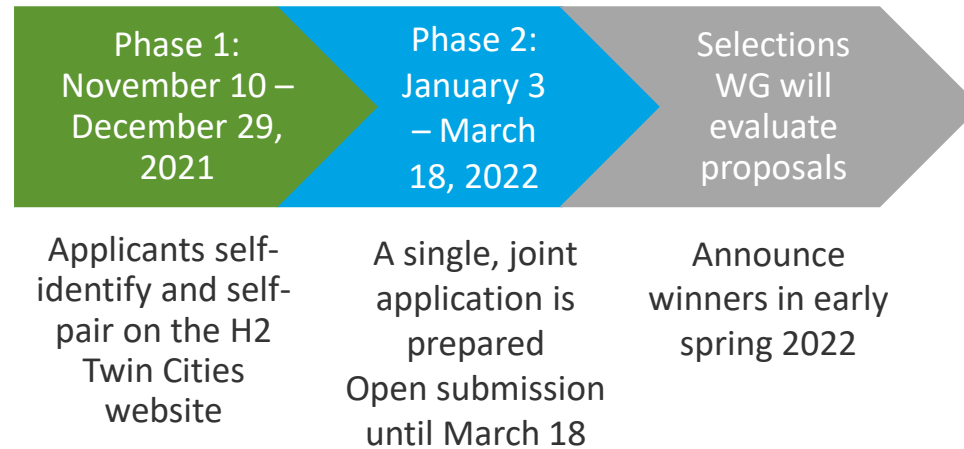
# H2 Twin Cities Initiative

## Connecting Communities Around the World to Deploy Clean Hydrogen Solutions

### Goals

- Global partnerships, collaboration, coordination, and information exchange
- Accelerate hydrogen deployments and user acceptance
- Share lessons learned and best practices
- Awareness of hydrogen and fuel cell technologies worldwide
- Promote Social Equity and Jobs
- Deploy technologies with energy and environmental justice in mind
- Reduce carbon and pollutant emissions

### Timeline



### Selection Criteria

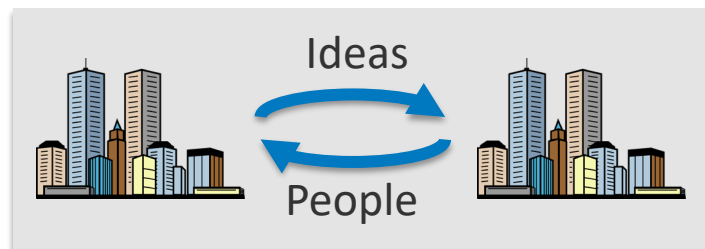
- Pair of cities dedicated to hydrogen use at scale
- Existing hydrogen and fuel cell use and commitments to new deployments & metrics
- Public visibility and engagement of the proposed deployments
- Commitments on diversity, equity, and inclusion

### Funding

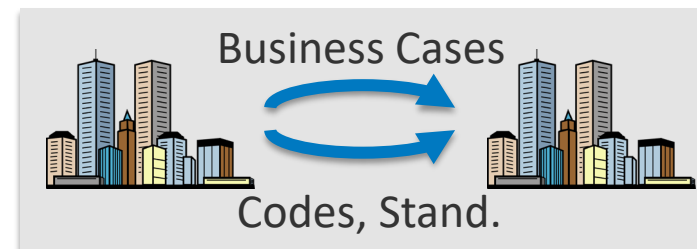
- Nominal \$100K-\$200K/in-kind support subject to country

### Pairing Types

#### Sibling Cities



#### Mentor - Mentee

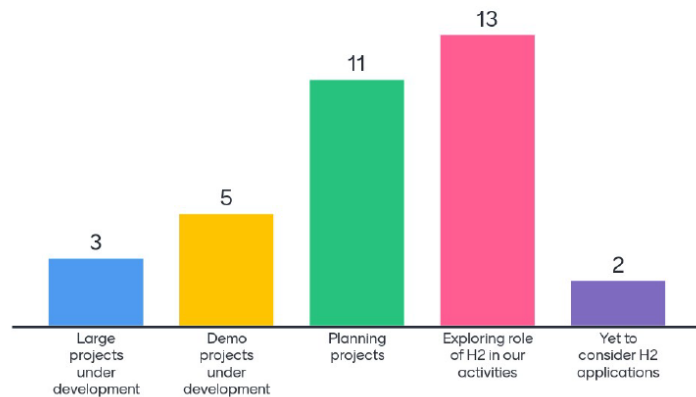


Share and learn more: [www.energy.gov/eere/twincities](http://www.energy.gov/eere/twincities)

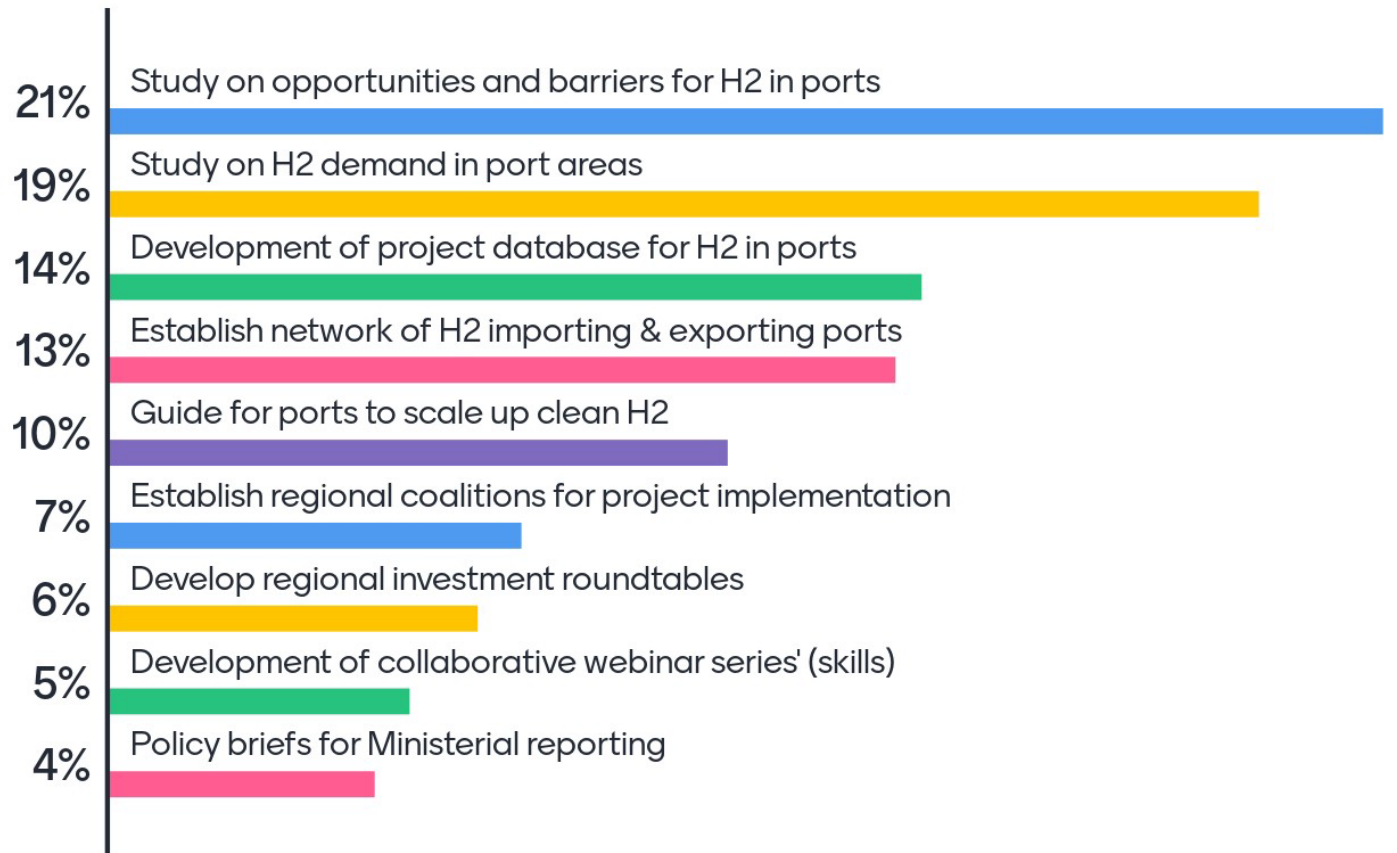
# CEM Global Ports Initiative Workshop (October 2021)

## Examples of workshop feedback

B. Which stage is your port in terms of developing H2-related activities?



Which activities should the coalition prioritise?





# Thank you

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