



**HYDROGEN STUDY TASK FORCE**  
Policy & Workforce Development Working Group #1  
Meeting Minutes<sup>1</sup>

Monday, September 26th, 2022  
Noon – 1:00 p.m.

The first Working Group meeting for Hydrogen Study Task Force Policy & Workforce Development Working Group was held on September 26, 2022.

All the participants joined via the Teams conference call.

**Task Force Members Present:** Eric Annes (DEEP), Julia Dumaine (Designee – PURA), Samantha Dynowski (Sierra Club), Sara Harari (CT Green Bank), Lidia Ruppert (Designee – DEEP), Becca Trietch (Designee – DEEP)

**Others Present:** Tyler Anderson, Sophia Browning (Day Pitney), Erin Childs (Strategen), Brian Farnen (CT Green Bank), Joe Goodenbery (Strategen), Jennifer Gorman (Strategen), Kaiqi Hu (Strategen), Alex Judd (Day Pitney), Andrea Lubawy (Toyota), Trent Molter (Skyre)

**1. Call to Order**

- Joe Goodenbery, a Senior Manager at Strategen providing technical support for the Policy and Workforce Development Working Group, called the meeting to order at 12:03 p.m.

**2. Welcome and Introductions**

- Mr. Goodenbery provided an overview of the meeting agenda including attendee introductions, a review of the Working Group Charter, a discussion of the Policy Guiding Principles, and an overview of the work plan and upcoming milestones.
- Mr. Goodenbery introduced the Strategen team which will be providing technical support to execute the objectives of the Working Group.
  - Mr. Goodenbery introduced his experience with clean energy planning, emerging technologies, and economic impact analysis. The Strategen team will also include Erin Childs, Jennifer Gorman, and Kaiqi Hu.
- Mr. Goodenbery prompted attendees to introduce themselves.
  - Brian Farnen, General Counsel and Chief Officer for the Connecticut Green Bank, expressed his excitement to develop actionable policy through this task force.
  - Eric Annes from the DEEP team highlighted his hydrogen expertise, noting that he is actively involved in the hydrogen hub development for Connecticut.

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<sup>1</sup> Access the recording - <https://www.youtube.com/watch?v=qc3FYRakGKk&feature=youtu.be>

- Becca Trietch, a Senior Policy Advisor at DEEP, shared her involvement with the Comprehensive Energy Strategy and hydrogen hub development.
- Lidia Ruppert, an Analyst at DEEP, noted that she will be supporting DEEP's hydrogen work, especially with hydrogen hubs.
- Julia Dumaine, a Supervisor of Strategy and Operations for the Connecticut Public Utilities Regulatory Authority introduced herself as a designee on behalf of the Working Group co-chair, Chair Gillett.
- Alex Judd, an attorney at Day Pitney, shared that his firm would be supporting foundational policy and regulatory research for the Working Group. He will be supported by Sophia Browning.
- Andrea Lubawy, a Senior Engineer at Toyota, provided an introduction.
- Samantha Dynowski, the State Director of the Sierra Club Connecticut Chapter, introduced involvement in the Task Force.
- Trent Molter, President and CEO of Skyre, noted Skyre's decades of work in hydrogen filtration and compression.
- Mr. Farnen noted that the Green Bank team, Strategen, and Day Pitney would be supporting the execution of the Working Group deliverables.

### **3. Review of the Working Group Charter**

- Ms. Dumaine provided an overview of the Working Group's deliverables. These deliverables will include: 1) a set of policy guiding principles that can be used by stakeholders and other workgroup chairs to align their research and recommendations with existing state policy and processes on clean hydrogen; 2) a hydrogen policy readiness assessment that will identify the status of hydrogen policy, regulation, and oversight across Connecticut state agencies; 3) continued coordination with other Working Group chairs to ensure consistent recommendations; 4) an assessment of hydrogen policy best practices nationally and internationally; and 5) an assessment of hydrogen job creation opportunities, based on existing literature, Connecticut-specific opportunities, and best practices on workforce development and transition that could be applicable to this industry.

### **4. Policy Guiding Principles Review and Discussion**

- Mr. Goodenbery emphasized the importance of making recommendations that align with the intent of existing state policy as well as the trajectory of state policy.
  - Mr. Goodenbery noted that the objective of the Policy Guiding Principles is to clarify for all Working Group Chairs, Task Force Members, and participants how to focus recommendations to best align with state policy by indicating: 1) areas of state policy or law that should be incorporated into planning processes; 2) areas of state policy or law that are known to need update or additional assessment to appropriately incorporate and address hydrogen-related opportunities; and 3) areas where additional stakeholder engagement, record building, and consensus may be necessary.
- Mr. Goodenbery clarified that this Task Force and associated working groups are not intended to replace the stakeholder engagement process used to develop and vet updates to state policy, rather, the Task Force will surface ideas for consideration on how to incorporate hydrogen into a clean energy economy in

Connecticut. Moreover, it is the intent of this Task Force to create appropriate transparency for stakeholders and to ensure that appropriate transparency is created during any subsequent related policymaking activities.

- Ms. Dumaine noted that five proposed policy guiding principles will serve both as a guard and as a filter to ensure development of appropriate recommendations. These principles state that all final recommendations from the Working Groups should: 1) be in compliance with relevant state statutes and regulations, or identify changes that would enable compliance; 2) align with state policy and active regulatory proceedings; 3) identify any fundamental underlying policy or regulatory challenges or potential enablers; 4) identify expected impacts to active policy proceedings; and 5) identify or recommend relevant regulatory stakeholder proceedings that could be used to allow for additional review and vetting, or identify the need for new procedural avenues.
- Mr. Goodenbery posed the following discussion questions for stakeholders: Do the proposed policy guiding principles achieve the objectives and intent as laid out previously? If not, what changes could support achievement of those objectives? Are there any policy guiding principles that would be particularly applicable for other Working Groups?
- Ms. Lubawy inquired whether there was an organization chart or list of other working groups for reference.
  - Ms. Gorman shared a link to the Connecticut Green Bank's Hydrogen Task Force website where this information can be found.<sup>2</sup>
- Sara Harari, the Associate Director of Innovation & Strategic Advisor to the President at the Connecticut Green Bank, suggested the development of a document of definitions to ensure uniform understanding across all Working Groups.
  - Mr. Goodenbery seconded this suggestion.

## **5. Workplan and Upcoming Milestones**

- Mr. Goodenbery provided an overview of the upcoming Working Group meetings.
  - For the Working Group Meeting on October 20<sup>th</sup>, Mr. Goodenbery shared that the main focus will be on regional, national and international policy best practices to facilitate hydrogen deployment. He also noted that there will be discussion of workforce issues.
  - For the Working Group Meeting on November 29<sup>th</sup>, Mr. Goodenbery stated the goal is to discuss policy intersections with other Working Groups, with a deeper dive on environmental justice.
  - The Working Group Meeting on December 15<sup>th</sup> will discuss proposed results and findings for the final legislative report.
- Ms. Ruppert inquired whether the topic of environmental justice would be included in the October meeting. She also noted that several of the topics for the meetings were broad and explained that it may be challenging to cover all planned topics in depth.
  - Ms. Childs noted that pre-reading materials could be shared with the Working Group in advance of the meeting to enable more productive and in-depth Working Group conversations.

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<sup>2</sup> Access here: <https://www.ctgreenbank.com/hydrogentaskforce/>

- Ms. Childs explained that as the other Working Groups progress, there will be clear opportunities for parallel discussions based on these findings.

## 6. Discussion: Resources to Inform Working Group Activities

- Mr. Goodenbery posed the following discussion questions for stakeholders:
  - Are there national, international, or state-level examples of successful or unsuccessful hydrogen policies that Connecticut can learn from?
  - Are there any resources or reference documents that should be considered for incorporation into these processes and assessments?
  - Are there any specific industries to target for workforce development strategies and related policy recommendations?
  - Are there other considerations that the policy Working Group might account for in its development of deliverables and final recommendations?
- Ms. Dumaine noted that the federal Department of Energy (DOE) released draft guidance for a clean hydrogen production standard a week prior.
  - Ms. Ruppert added that the DOE has been accepting comments on the draft guidance and suggested the group to attempt to align with this standard.
  - Mr. Goodenbery noted that the Sources and Policy and Workforce Development Working Groups would be working together to develop a definition of clean hydrogen for Connecticut.
- Ms. Dynowski highlighted the importance of understanding Connecticut's underlying policy framework to understand which relevant state programs or policies applied to hydrogen.
  - Mr. Goodenbery seconded this and shared that this will be the focus of the initial policy scan. He noted the importance of the initial policy scan to ensure alignment with the Working Group's guiding principle to ensure consistency in policy suggestions.
- Ms. Dumaine suggested that the Working Group make discussion questions public to allow for additional opportunities for feedback.
  - Ms. Childs noted that meeting minutes, a meeting recording, and presentation materials would be publicly available.
- Ms. Lubawy inquired whether the Working Group had developed a library of reference documents.
  - Mr. Goodenbery noted that the Working Group was beginning to collect resources and welcomes any recommendations from participants.
    - Ms. Dynowski noted the Connecticut Ozone Compliance and Public Act 22-5.
    - Ms. Lubawy noted the Comprehensive Energy Plan and the EVConnect Incentives.
- Ms. Childs summarized her key takeaways from the meeting noting stakeholder interest regarding the impact on greenhouse gas goals and development of a policy readiness assessment.
- Ms. Childs noted that additional feedback could be emailed to [CThydrogentaskforce@strategen.com](mailto:CThydrogentaskforce@strategen.com).

## 7. Adjourn

- The first Policy and Workforce Development Working Group was adjourned by Mr. Goodenbery at 12:51 p.m.