

SB 905: Carbon Dioxide Pipelines

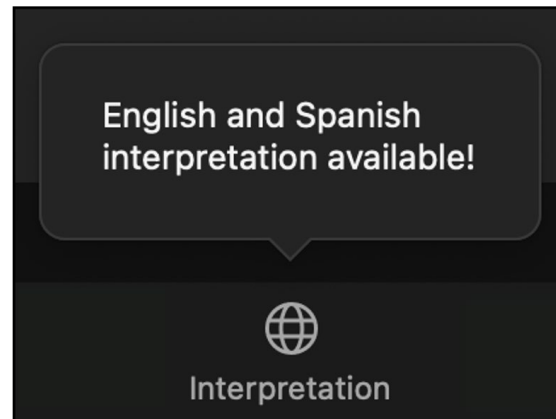
First Listening Session

JANUARY 19, 2023



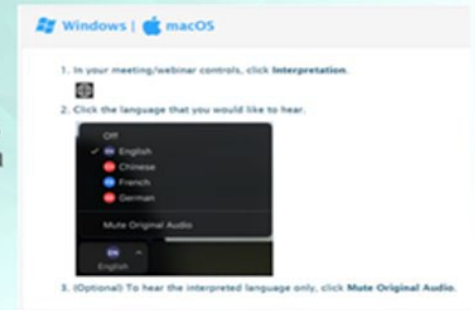
Interpretation

To change the language settings, please toggle the interpretation button at the bottom of Zoom and select the language you want.



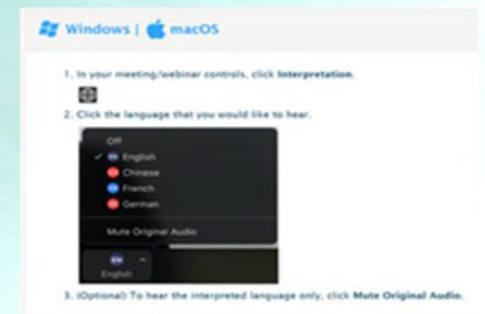
Cómo escuchar la interpretación de un idioma

1. En los controles de la reunión o el seminario web, haga clic en interpretación (**Interpretation**). Esto se puede localizar en la parte de abajo.
2. Haga clic en el idioma que desee escuchar. Para esta reunión, va a poder ver la opción de inglés y español.
3. Para escuchar solo el idioma interpretado, haga clic en silenciar audio original (**Mute Original Audio**).



Listening to Language Interpretation

1. In your meeting/webinar controls, click **Interpretation**. It can be located at the bottom of the screen.
2. Click the language that you would like to hear. For this meeting, you will have English and Spanish as your options.
3. To only hear the interpreted language, click **Mute Original Audio**.



Agenda

- 1. Welcome**
- 2. Carbon Capture and Sequestration Basics**
- 3. SB 905: Agency Requirements**
- 4. Considerations for a Pipeline Framework**
- 5. Public Comment**

Carbon Capture and Sequestration Basics

- Carbon capture and sequestration is a process by which large amounts of carbon dioxide (CO₂) are captured, compressed, transported, and sequestered.
- The sequestration component of CCS includes CO₂ injection into geologic formations as well as use in industrial materials.

SB 905: Agency Requirements

- California Air Resources Board: Develop and administer the Carbon Capture, Removal, Utilization, and Storage Program
- California Geological Survey: Establish a geologic carbon sequestration group to provide expertise and guidance to CARB.
- California Natural Resources Agency:
 - By February 1, 2023, “...provide a proposal to the Legislature to establish a state framework and standards for the design, operation, siting, and maintenance of intrastate pipelines carrying carbon dioxide fluids...”
 - These are not regulations or draft regulations.
 - By July 1, 2025, publish a written proposal outlining governing agreements regarding two or more tracts of land overlying the same geologic storage reservoir or reservoirs.

Considerations for a Pipeline Framework

- Definition of CO₂ transported by pipeline
- Potential impact areas in a release
- Fracture propagation
- Public Health
 - Odorant requirements
 - Leak detection
- Emergency response requirements
- CO₂ contaminants

Considerations for a Pipeline Framework Continued

- Pipe materials
- Valves
- Potential conversion of existing pipelines
- Research and development studies for CO₂ pipelines
- Land movement seismic/subsidence
- Corrosion issues
- Enforcement and shut down authority

Additional Information

For additional information, please visit:

<https://resources.ca.gov/Initiatives/Transitioning-to-Clean-Energy>

Written comments can be sent to: outreach@resources.ca.gov

How Public Comment Will Work

- Please use the raise your hand function if you would like to provide a comment.
- Each speaker will have **2 minutes** to comment.
- We will alternate between those online and those joining by phone.



THANK YOU
