

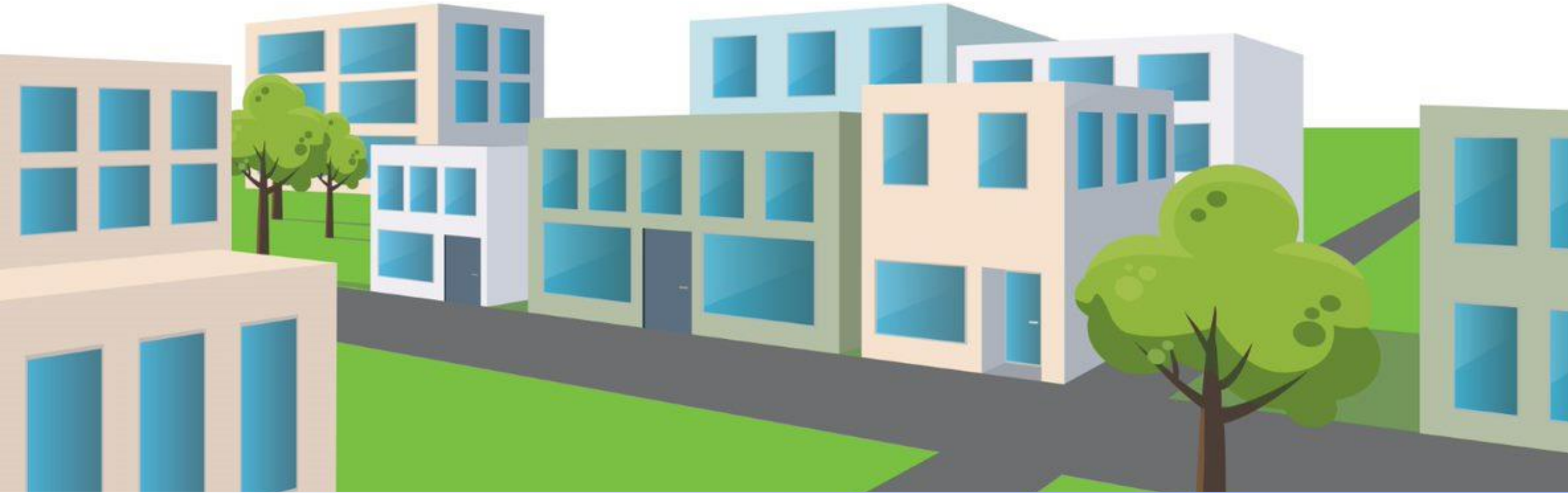
# CONSORTIA INTERIM PROGRESS REPORTS

Energy Communities Alliance



# ENERGY COMMUNITIES ALLIANCE

*Consent-based Siting Consortia – Quarterly Meeting #4  
May 22 and 23, 2024*



**CONSENT-BASED  
SITING**

ENERGY COMMUNITIES ALLIANCE

This project is being funded in part by the U.S. Department of Energy (DOE)  
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*DOE's Consent-based Siting for Interim Storage Program: DE-FOA-0002575*



**U.S. DEPARTMENT  
OF ENERGY**

**NUCLEAR  
AWARDEE™**

# ECA OVERALL PROJECT PROCESS

Project Plan proceeding as outlined in Scope of Work

Build capacity in communities interested in consent-based siting to ensure they have the information – and informed representatives – to meaningfully engage on the issues a community will address as a potential host of a nuclear waste facility.



Facilitate deeper engagement and (re)create momentum through grants for qualifying communities that demonstrate readiness to begin localized education and outreach.



**WORK ACROSS  
CONSORTIA TO  
IDENTIFY  
COMPONENTS  
KEY TO CONSENT**

# Key Developments

- Planned /hosted CBS Brainstorming Session – February 5, 2024
- Participated in panel discussion, “*High-Level Waste Disposal in the USA: What’s Next? Challenges and Opportunities*” – WMS, March 12, 2024
- Planned/participated in panel discussion, “*Focusing on US Legacy HLW, SNF, and Consent-Based Siting – Moving the Process Forward*”– WMS, March 13, 2024
- ECA/Idaho Falls site visit to COVRA (SNF interim storage facility in Netherlands) – March 2024
- Developed/hosted panel discussion, “*Addressing Nuclear Waste – Old and New*” – ECA New Nuclear Forum, May 9, 2024

# Key Developments

- Featured consent-based approach to siting nuclear facilities in Borsele, The Netherlands - ECA New Nuclear Forum, May 8, 2024
- Hosting meeting, “**Building a Business Case and Identifying Economic Opportunities for Consent-Based Siting,**” July 17-18, 2024, in Washington, D.C.
- Cross-consortia collaboration on community grants and progress, Boise State University and Clemson University
- Developed/released applications for individual grants to local communities that demonstrate meaningful interest in building targeted capacity or hosting a nuclear waste storage or disposal mission using consent-based siting.
- **Awarding three community grants, May 2024**

# Key Observations

- Recognized need for legislative change BUT new emphasis on what can be done NOW
- Existing Congressional interest (if not champions)
- Hesitancy to engage (Lack of clarity? Fear of commitment?)
- Need for additional information on what “interim storage” looks like
- Need to talk about “opportunities” that can be paired with nuclear waste missions
- Need for more education on transportation (Promote existing safe transportation record?)
- Recognize need to address linkage and plans for an integrated waste management system
- Interest in reprocessing and potential impact
- Opportunity to leverage interest in advanced nuclear technologies to introduce discussions about the back-end of the fuel cycle.
- Ongoing efforts needed to build trust

# Engagement

- Energy Communities Alliance members
- DOE's Office on Nuclear Energy
- DOE's Office of Environmental Management
- National Association of Attorneys General
- The Environmental Council of the States
- The State and Tribal Government Working Group
- The National Governors Association's Federal Facility Task Force
- Decommissioning Plant Coalition
- American Nuclear Society
- Video conferences with other consortia
- International municipal partners: Global Partnership of Nuclear Communities (GMF, NuLeaf, CANHC, IAEA)
- Technical Experts
- Nuclear Developers
- Policymakers



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# Engagement Details

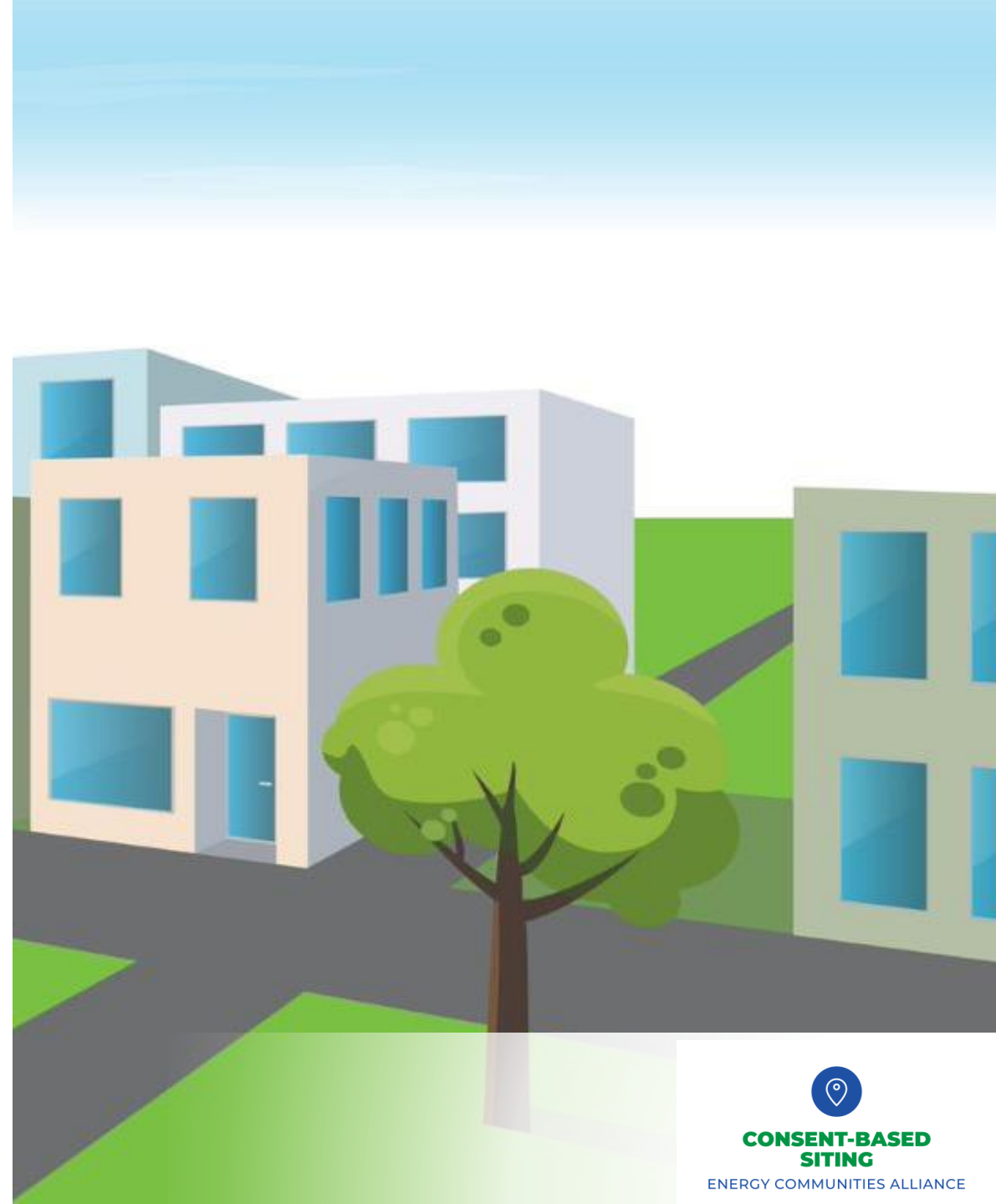


| What is the engagement?  | Date          | Location                   | # of ppl |
|--|---------------|----------------------------|----------|
| Small Group Brainstorming Session – ECA Closed   | 2/05/24       | Washington, D.C.           | 25       |
| <i>“High-Level Waste Disposal in the USA: What’s Next? Challenges and Opportunities”</i>   | 3/12/2024     | Waste Management Symposium | 100      |
| <i>“Focusing on US Legacy HLW, SNF, and Consent-Based Siting – Moving the Process Forward”</i>   | 3/13/2024     | Waste Management Symposium | 80       |
| <i>“Addressing Nuclear Waste – Old and New”</i>  | 5/09/24       | ECA New Nuclear Forum      | 250      |
| <i>“Public Engagement Strategies and Stakeholder Involvement: Addressing Social, Ethical and Cultural Factors in DGR Implementation”</i> International Conference on Geological Repositories | 5/27-31/24    | South Korea                |          |
| ECA International Webinar Series on CBS  | Summer 2024   | Online                     |          |
| Building a Business Case and Identifying Economic Opportunities for Consent-Based Siting – ECA Open  | 7/17- 7/18/24 | Washington, D.C.           | 75       |



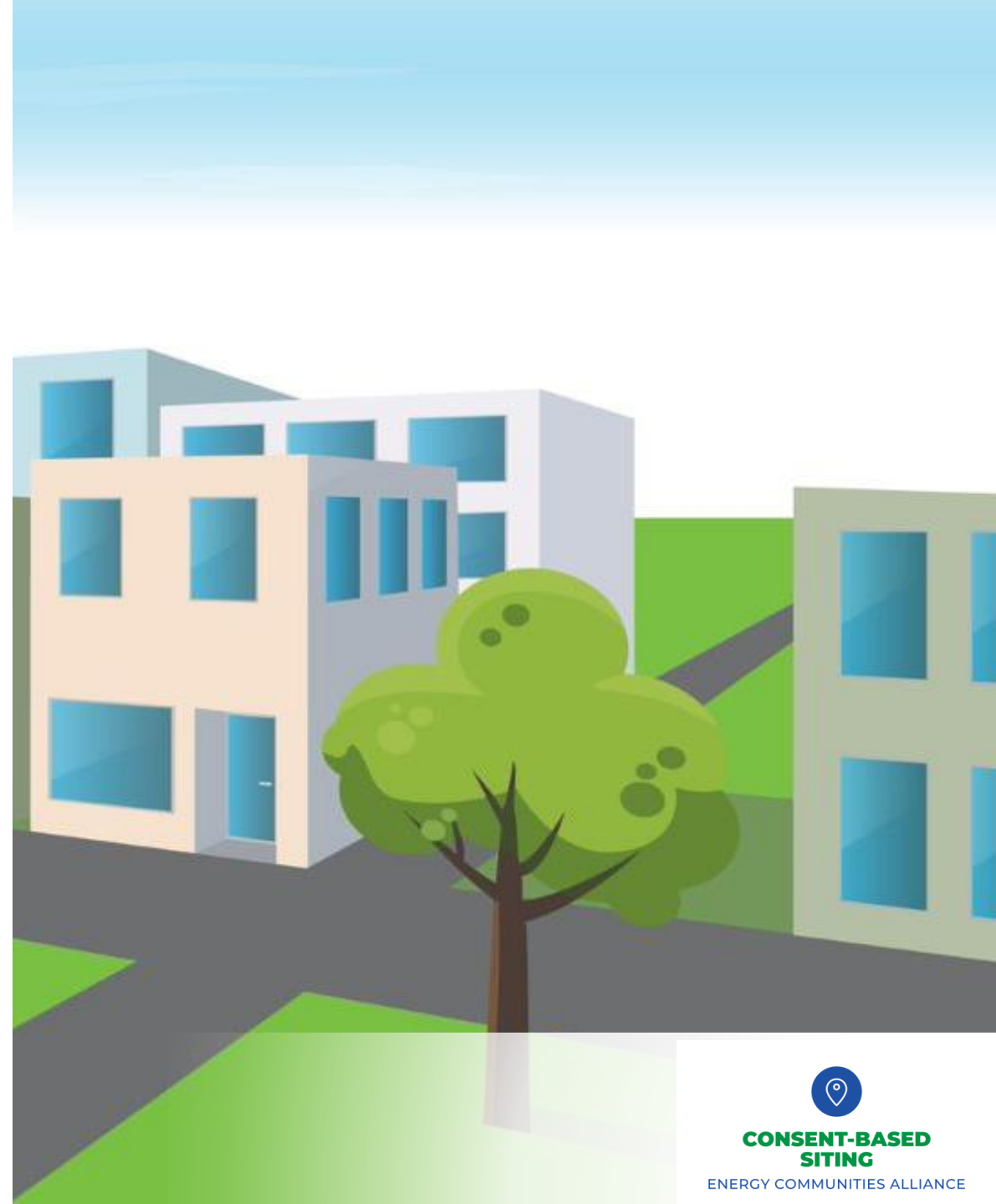
# Next Steps

- Award three ECA Consent-Based Siting Community Grants winners
  - AGNC
  - SRSCRO
  - TRIDEC
- Participating in Nuclear Energy Agency (NEA) International Conference on Geological Repositories, May 27-31, 2024, in Busan, South Korea
- ECA meeting: “***Building a Business Case and Identifying Economic Opportunities for Consent-Based Siting***”
  - July 17-18, 2024, Washington, DC



# Next Steps

- Drafting "Insights" on key issues for ECA CBS website
- Planning CBS in-person meeting, October 2024
- Participation in IAEA meeting on nuclear waste and SNF storage and disposal, October 21-26, 2024
- Planning CBS session at 2024 Intergovernmental Meeting with U.S. Department of Energy, December 2024



For questions or comments related to this consortium, please contact

Faith Sanchez

[faiths@energyca.org](mailto:faiths@energyca.org)

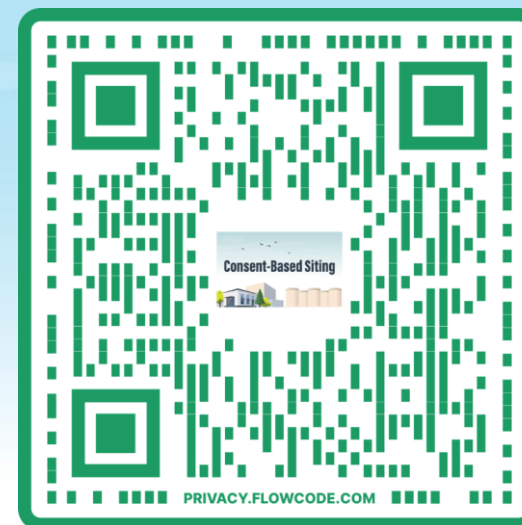
(614) 499-2334

Kara Colton

[kara.colton@energyca.org](mailto:kara.colton@energyca.org)

(703) 864-3520

For more information, visit us at  
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