



 Residential Retrofits
for Energy Equity

Buildings UP
The Buildings Upgrade Prize



CORRINE VAN HOOK-TURNER (SHE/HER/ELLA), DIRECTOR/DIRECTORA

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Intro to Community-Driven Planning

Introducción a la planificación impulsada por la comunidad

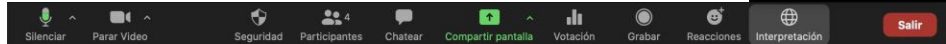
- This webinar focuses on how to develop authentic community partnerships and best engage frontline communities in the context of planning for building upgrades. Our speakers will identify ways to build stronger connections between agencies, local governments, community-based organizations, and community members; provide an overview of *Community-Driven Climate Resilience Planning's* planning principles and frameworks; and familiarize attendees with resources on effective strategies for community engagement.

Interpretation

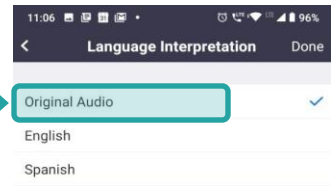
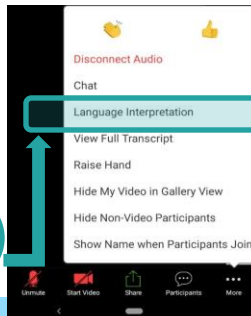
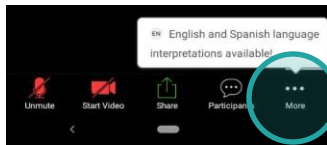


Para escuchar un canal de interpretación, haz clic en el ícono de globo y elige el canal de tu preferencia. Si seleccionas "Apagado" escucharás el lenguaje original.

✓ Apagado
Inglés
Español
Silenciar el audio original



To listen to the interpreter, please select the globe icon and choose the language of your preference. If you choose "Off" you'll hear the original language.



Housekeeping Announcements

- We are recording this webinar and will be making it available to all registrants within a few business days.
- To ask a question during the webinar, please submit it via the Q&A button at the bottom of your screen.
- You can upvote questions in the Q&A box that you would like us to prioritize.
- Use the chat to engage in respectful and productive discussion and network with other participants.
- Code of conduct: R2E2 will not tolerate behaviors that cause harm or disrupt the learning environment. Please direct message Carolyn Conant if you feel unsafe in this space. Disruptive participants may be removed from the webinar.

Buildings UP

The Buildings Upgrade Prize

AMERICAN
MADE
U.S. DEPARTMENT OF ENERGY



Kassandra (Kassie) Grimes,
U.S. Department of Energy, Building Technologies Office

The Buildings Upgrade Prize (Buildings UP)

Buildings UP is designed to rapidly scale energy efficiency and efficient electrification building upgrades in communities across the country. The prize is envisioned to consist of four phases over approximately five years.

Application support prizes available for new and under-resourced teams



Phase 1: Concept

- \$22M+ in Prizes to Teams + Technical Assistance
- Applications due by July 18, 2023
- Seeking 20–60 teams to join the “coopetition”



www.heroX.com/buildingsUP

Buildings UP | U.S. Department of Energy

Prize Goals

Buildings UP aims to address persistent non-technical barriers to improving building energy efficiency and reducing on-site emissions (e.g., administrative, financial, social, and other barriers).

Buildings UP is a capacity-building prize to support teams with solutions that:

- **Accelerate building upgrades** for efficiency and on-site emissions reductions beyond current best practices in the applicant's identified area of focus
- **Demonstrate scalability and replicability** across building type(s), climate zone(s), and/or, community type(s)
- **Advance holistic and lasting energy efficiency and efficient electrification** initiative development
- **Benefit underserved communities** by ensuring that benefits accrue to equity-eligible buildings,* their occupants, and surrounding communities

*Equity-eligible buildings include buildings in disadvantaged communities; low- and moderate-income (LMI) households; and underserved commercial, nonprofit, and public buildings.

Phase 1: Pathways & Prizes

Equity-Centered Innovation Pathway

\$400,000 in cash prizes for each winning team

- Develop replicable, scalable, innovative building upgrade initiatives **in equity-eligible buildings*** (i.e., 80% equity-eligible).

Open Innovation Pathway

\$200,000 in cash prizes for each winning team

- Develop replicable, scalable, innovative building upgrade initiatives. **May include a focus on equity but are not required.**

Access to Technical Assistance is awarded to winning teams in both pathways.

Equity-Eligible Buildings

Geographic Location
(Justice 40 Census
Tracts, Tribal Lands,
Territories)

Affordable Housing
(Subsidized, Naturally
Occurring)

Underserved
Commercial
(Including Title 1
Schools, Community
Services, Non-profits)

Team-Defined

Additional information is in Section 3.5 of the official rules.

Example Projects*

A rural electric cooperative partners with a local CBO and the county to help LMI single-family home residents transition from propane heat to efficient electric heat pumps.



A K-12 school district and an energy services company partner to electrify district buildings.



A CBO in a midsize town in the southeast partners with the local government to bring heat pumps (and air conditioning!) to affordable housing buildings throughout the community.



A national residential property owner teams up with multiple local governments and utilities on an initiative to electrify its properties in three major markets.



A business improvement district in a large city neighborhood partners with local houses of worship



to bring efficient electric heating and cooling equipment to small businesses.

+Innovations!

*Minimum technologies and strategies teams must include in their initiatives:

- Efficient electric heating and cooling equipment (e.g., heat pumps and/or heat pump water heaters)
- Weatherization and envelope improvements (e.g., insulation, air sealing, window improvements) where needed to reduce energy costs

Seeking Innovations to Address Non-Technical Challenges to Widespread Building Upgrades

- **Lack of contractor and occupant familiarity** with technologies
- **High first costs for upgrades**, limited short-term payback
- **Lack of retrofit materials** and equipment
- **Insufficient workforce** to complete upgrades
- **Lack of reach of funding and incentive programs** to historically underserved households and building owners
- **Inconsistent quality of work** and consumer mistrust

Application Support Prize Overview

The Application Support Prize is available for the first 50 winners.

Award Criteria for Application Support Prize

In addition to the eligibility requirements of Phase 1, applicants must:

- Confirm no organizations on their team have secured funding from DOE's Building Technologies Office in the past five years
- Ensure the lead organization represents a community with equity-eligible buildings or its mission is to serve communities with equity-eligible buildings
- Demonstrate that application support would allow them to develop a competitive Phase 1 submission and confirm an intent to apply
- Confirm concept includes minimum techs and strategies

*Later submission due dates may be canceled if prize funds are exhausted in earlier rounds. Cancellations will be posted on HeroX.

Application Support Prizes

- \$5,000 cash prize
- Up to 10 hours assistance

Support Provider

- Elevate
- <https://www.elevatenp.org/about/>

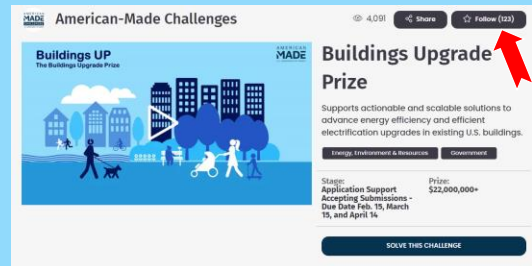
Rolling submission due dates*

- February 15
- March 15
- April 26

Next Steps for Applicants

- **Follow the prize on HeroX.com**, read the [rules](#), and review the [FAQs](#).
- **Register for an Informational Webinar:** May 4 at 11am ET
- **Create an account on HeroX** and click on the “Solve this Challenge” button.
- **Apply for application support** (if eligible) by April 26 at 5pm ET.
- **Team up and submit a Phase 1 “Concept” application** via HeroX by July 18 at 5pm ET.

Follow www.HeroX.com/BuildingsUP
Questions: buildingsUP@nrel.gov



Buildings UP Scoring Overview

Phase 1 Concept Plans (due July 18) are scored against scoring statements under each prize criterion.

One narrative is required for each criterion. The summation of narratives constitutes the Concept Plan.

This training is applicable to the following criteria:

- Assessing & Prioritizing Challenges
- Addressing Challenges Through Innovation: Initiative Scope and Impacts
- Scaling & Replicating Innovation through Community Involvement
- Demonstrating Capabilities & Team Characteristics Critical for Success
- Achieving Equitable Building Upgrade Strategies

Buildings UP Scoring Criteria (equally weighted)

1. Assessing & Prioritizing Challenges
2. Addressing Challenges Through Innovation: Initiative Scope and Impacts
3. Scaling & Replicating Innovation through Community Involvement
4. Demonstrating Capabilities & Team Characteristics Critical for Success
5. Achieving Equitable Building Upgrade Strategies
(additional criterion: Equity-Centered Innovation Pathway)

Official Buildings UP Rules:

<https://www.herox.com/BuildingsUP/resource/1152>



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Introducción a la planificación impulsada por la comunidad

Meet Your Presenters



Corrine Van Hook-Turner
Director
People's Climate Innovation Center



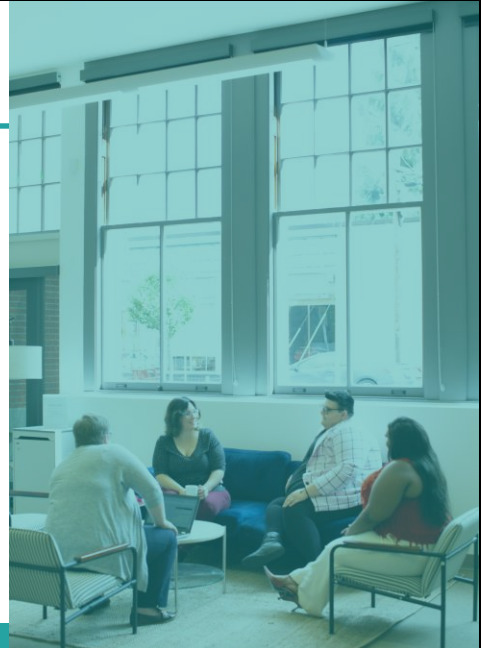
Jaime Love
Director of Programs
People's Climate Innovation Center



Residential Retrofits for Energy Equity (R2E2) is a new nationwide initiative that provides trainings to state, local, and tribal governments as well as community-based organizations and other partners to jumpstart energy upgrades for affordable housing that will lower utility bills, reduce greenhouse gas emissions, improve residents' health, create good-paying local jobs, and help advance racial equity. R2E2 is supporting the Buildings Upgrade Prize by providing training and technical assistance to applicants and awardees.

Session Objectives

- Participants will understand the Community-Driven Climate Resilience Planning tool principles and frameworks.
- Participants will understand the Spectrum of Engagement to Ownership and be able to identify the best ways to engage community members.
- Participants can identify ways to build stronger connections between agencies, the local government, community organizations and community members.



Agenda

- 1** Welcome & Overview
- 2** Communities Leading
- 3** Climate Resilience
- 4** Community-Driven Planning Processes
- 5** Spectrum of Community Engagement to Ownership
- 6** Closing



WE BELIEVE...

Communities have
the right to define
their priorities and
needs.

NOSOTROS CREEMOS...

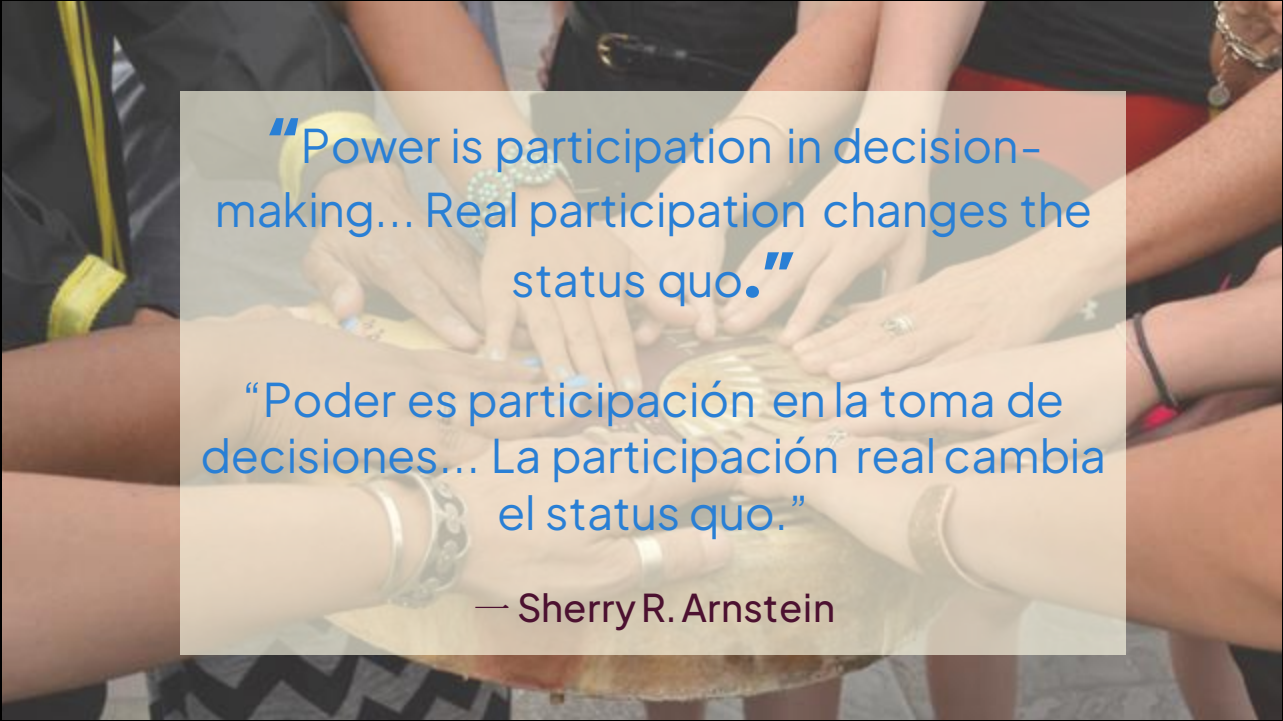
Las comunidades
tienen derecho a
definir sus prioridades
y necesidades.



“

What's the
“Best of the Best”
when community leads?

¿Qué es lo mejor de lo
mejor cuando la
comunidad lidera?



“Power is participation in decision-making... Real participation changes the status quo.”

“Poder es participación en la toma de decisiones... La participación real cambia el status quo.”

— Sherry R. Arnstein



RESILIENCE =

Adaptation +

Mitigation +

Social Cohesion +

Equity

- We have worked collaboratively with Kresge Foundation & Movement Generation over the last several years to define climate resiliency as:
 - Social cohesion + equity + mitigation + adaptation
 - Resiliency is the opposite of vulnerability.
 - And in general vulnerability = dependency on systems and structures that inequitably dictate how, when, where, and who has access to essential life resources like water, food, shelter, and energy...the very things Climate Change threatens.
- Vulnerability and dependency are maintained by typical community engagement approaches, so to achieve true resiliency we must shift from status quo engagement to community collaboration and community ownership over climate resilience planning and implementation.
- This is why equity and social cohesion are central to Climate Resilience
- What's exciting about this definition is it brings together important bodies of work that can inform community-based efforts.
- The reality is that communities that are most vulnerable to climate change are

the communities that have the least control over essential resources and the least access to decision-making structures that have the most impact on our well-being. So, true resilience is ultimately about reducing dependency and vulnerability through community control and community governance.

- In general, dependency = vulnerability, and increasing resiliency means reducing vulnerability.
- This notion aligns perfectly with the Partnership for Resilient Communities and the reason for uplifting community leadership.



Why Community-Driven Climate Resilience Planning?

¿Por qué planificar la resiliencia climática impulsada por la comunidad?

WHY do we need Community-driven climate resilience planning?

- Given the urgent need to accelerate the pace of planning and implementing climate solutions, there is also a clear need to cultivate more buy in for climate resilience work and to develop more effective solutions.
- Right now, more and more cities in the US are beginning to develop climate resilience plans. A lot of times they bring in corporate consultants to advise the planning process.
 - While they may focus on reducing pollution or physical infrastructure, they often don't take into account knowledge and experiences from communities most vulnerable to climate disruption, therefore they're missing the mark on how to effectively reduce vulnerability to climate change.
- What typically happens is corporate consultants miss the holistic solutions, miss equity, don't equitably distribute pollution and physical infrastructure
- They don't build social infrastructure - the social cohesion, commitment to place, shift decision making processes (procedural) - social infrastructure drives forward social cohesion and equity - key components of resilience.
- It's true we need to reduce pollution create new physical infrastructure, but

also consider where we are focusing on pollution reduction and new physical infrastructure - is it the communities of color that are most impacted by climate change?

- Furthermore, we also need to create new social infrastructure through planning and implementation processes that are shaped by the community.
 - This new social infrastructure drives forward the resilience components of social cohesion and equity. This can only happen when it is defined and developed by the communities that are most impacted.



Community-Driven Climate Resilience Planning

Planificación de resiliencia climática impulsada por la comunidad

- Builds leadership outside of local government agencies

Construye liderazgo fuera de las agencias gubernamentales locales

- Increases collaboration and capacity

Aumenta la colaboración y la capacidad

- Advances a multi-sectoral approach for more holistic and effective solutions

Promueve un enfoque multisectorial para soluciones más holísticas y efectivas

WHAT IT DOES

So building community collaboration and ownership over the planning and implementation processes increases capacity and possibilities of effective solutions

- leadership capacity outside of government to increase governance
- increased multi-sectoral collaboration
- multi-sectoral collaboration = deeper understanding of issues (vulnerability + assets) and wider range of possible solutions. And this fosters more buy-in for implementing those solutions because more voices and priorities are reflected in the work.
- It increases leadership capacity. cities on their own don't have the capacity to implement what's needed, but residents can - if provided with the right structure, resources, and processes - increases capacity for governance outside of government

- Using multi-sectoral collaboration allows for a deeper understanding of vulnerabilities and issues as it brings together a wider set of experts, which creates the conditions for the development of more effective solutions

Community-Driven Climate Resilience Planning Framework

Marco de planificación de resiliencia climática impulsado por la comunidad

- Co-launched with NACRP members and grassroots partners via the NACRP in the summer of 2017.
- It was created through convening community driven planners from base-building and base-building support organizations.
- It includes principles, practices, and key capacities for community-driven planning.



NACRP
National Association of
Climate Resilience Planners

- Co-lanzado con miembros de NACRP y socios de base a través de NACRP en el verano de 2017.
- Fue creado a través de la convocatoria de planificadores impulsados por la comunidad de organizaciones de apoyo a la construcción de base.
- Incluye principios, prácticas y capacidades clave para la planificación impulsada por la comunidad.

**How are these
essential elements
connected?**

**¿Cómo están
conectados estos
elementos
esenciales?**

La solución comunitaria
es importante ya que
están en el entorno del
problema y la solución
será más eficaz

Having influence &
decision-making authority
(given or not) in
traditional seats and non,
to produce changes



ENGINE OF COMMUNITY-DRIVEN PLANNING

MOTOR DE PLANIFICACIÓN IMPULSADA POR LA COMUNIDAD



Five Principles/Cinco Principios

- | | |
|--|--|
| 1. Whole Systems Thinking | 1. Pensamiento de sistemas completos |
| 2. Desired Outcomes Reflected in Every Step | 2. Resultados deseados reflejados en cada paso |
| 3. Planning Process as a Learning Process | 3. El proceso de planificación como proceso de aprendizaje |
| 4. Planning into Action | 4. Planificación en acción |
| 5. Balancing Power Dynamics among Stakeholders | 5. Equilibrio de las dinámicas de poder entre las partes interesadas |

What's challenging about community-led planning processes?

¿Qué es un desafío acerca de los procesos de planificación dirigidos por la comunidad?

What principles do you most connect with and why? How do they show up in your community and in your work?

¿Con qué principios te conectas más y por qué?

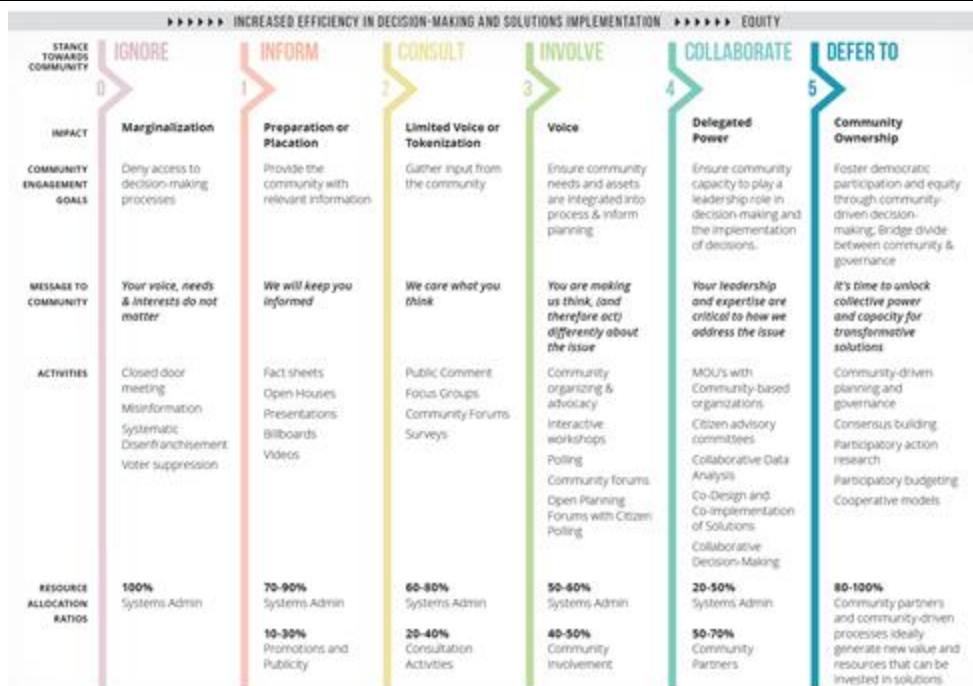
¿Cómo aparecen en tu comunidad y en tu trabajo?



ESPECTRO DE PARTICIPACIÓN FAMILIAR PARA LA EQUIDAD EDUCATIVA



**Facilitating
Power**



ACTITUD HACIA LA COMUNIDAD	0	1	2	3	4	5
	IGNORAR	INFORMAR	CONSULTAR	INVOLUCRAR	COLABORAR	DEFERIR A
RESULTADO	Marginalización	Pacificar	Acción Simbólica	Voz	Poder delegado	Pertenencia en la comunidad
METAS DE PARTICIPACIÓN COMUNITARIA	Negar el acceso al proceso de toma de decisiones	Provide students, families & community with relevant information	Gather input from students, families, and community	Ensure student, family and community needs and assets are integrated into process & inform planning	Ensure student, family, and community capacity to play a leadership role in implementation of decisions that affect them	Foster lasting educational equity through community-driven schools that are culturally rooted and responsive to whole people, whole communities
MENSAJE A LA COMUNIDAD	"Su voz, necesidades e intereses no importan"	"Lo mantendremos informado"	"Nos importa lo que piensa sobre algunas cosas"	"Las maneras en las que ustedes nos hacen pensar y actuar sirven mejor a los estudiantes y familias"	"Su liderazgo y experiencia son cruciales para poder lograr la educación equitativa"	"Es momento de liberar la capacidad colectiva comunitaria para ponerla al servicio de una equidad educativa duradera y para la salud de la comunidad. Su liderazgo es clave para la equidad educativa"
ACTIVIDADES	<ul style="list-style-type: none"> Reuniones a puerta cerrada Desinformación Desapoderamiento sistemático 	<ul style="list-style-type: none"> Hojas informativas Eventos con puertas abiertas al público Presentaciones Videos 	<ul style="list-style-type: none"> Comentario público Grupos de enfoque Encuestas 	<ul style="list-style-type: none"> Organización comunitaria y abogacía Talleres interactivos y foros que cumplen con las necesidades para que las familias participen 	<ul style="list-style-type: none"> MOI con organizaciones de base comunitaria Organización comunitaria, haciendo más culturalmente relevantes (acogedor, accesible) Organización comunitaria Comités asesores de estudiantes y familias 	<ul style="list-style-type: none"> Reuniones de planeación culturalmente relevantes organizadas por la comunidad Crear consenso Acciones de investigación participativas lideradas por estudiantes/familias Presupuesto participativo
IMPACTO EN LAS FAMILIAS	<ul style="list-style-type: none"> Rechazo Enojo Insignificancia 	<ul style="list-style-type: none"> Impotencia Frustración Desesperación 	<ul style="list-style-type: none"> Explotación Discriminación Humillación 	<ul style="list-style-type: none"> Voz Inclusión Poder 	<ul style="list-style-type: none"> Liderazgo Compromiso Poder 	<ul style="list-style-type: none"> Responsabilidad mutuamente Salud Poder

Upcoming Webinars

- April 12 - Training Webinar, 12:30pm ET
 - Accessing Funding for Affordable Housing and Equity-Eligible Commercial Building Upgrades
- April 14 – Training Webinar, 1pm ET
 - Energy Efficiency Programs 101
- April 26 - Training Webinar, 1:30pm ET
 - Considerations for Underserved Commercial Buildings
- April 28- Training Webinar, 1pm ET
 - Drivers of Energy Efficiency in Affordable Housing
- May 4- Informational Webinar, 11am ET



Scan to view additional details and register for training webinars.

Office Hours

- April 20- 1:00 pm ET
 - Topics covered:
 - Engaging Stakeholders Across Sectors
 - Introduction to Comprehensive Retrofits
 - Prize and application questions
- **Week of May 1- TBD**
 - Topics covered:
 - Introduction to Community-Driven Planning
 - Accessing Funding Sources for Building Upgrades
 - Energy Efficiency Programs 101
 - Prize and application questions
- May 15- 2:30pm ET
 - Topics covered:
 - Considerations for Underserved Commercial Buildings
 - Drivers of Energy Efficiency in Affordable Housing
 - Prize and application questions



Scan to view additional details and register for training webinars.

CONTACT

Thank you Gracias

Corrine@climateinnovation.net

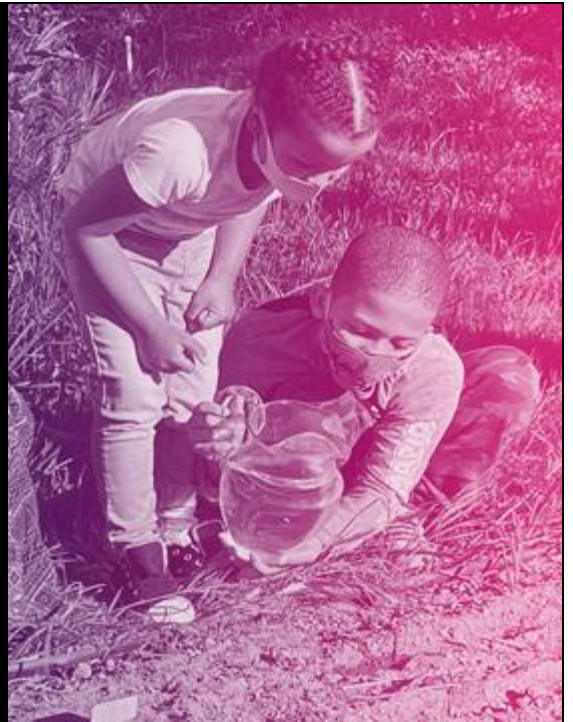
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Director of Programs/Directora de Programas



People's Climate Innovation Center
23564 Calabasas Road, Suite 201
Calabasas, CA 91302



Resources

[Community-Driven Climate Resilience Planning: A Framework
Spectrum of Community Engagement to Ownership](#)

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Thank You



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